



Where Community Connects

STOCKBRIDGE

CITY COUNCIL

Mayor

Anthony Ford

Mayor Pro Tem Yolanda Barber

Councilman Elton Alexander

Councilman John Blount

Councilwoman LaKeisha Gantt

Councilman Alphonso Thomas

CITY MANAGER

Frederick Gardiner

CITY CLERK

Vanessa Holiday

CITY TREASURER

John Wiggins

CITY ATTORNEY

Quinton G. Washington

**Council Meeting
Agenda
January 31, 2023 6:00 PM**



STOCKBRIDGE CITY HALL

4640 NORTH HENRY BLVD.

STOCKBRIDGE, GA 30281

Website: www.cityofstockbridge.com

Phone: 770-389-7900

Fax: 770-389-7912



AGENDA COUNCIL MEETING CITY OF STOCKBRIDGE

TUESDAY, JANUARY 31, 2023 6:00 PM

CALL TO ORDER

INVOCATION

PLEDGE OF ALLEGIANCE

ROLL CALL

ADOPTION OF THE AGENDA

REVIEW OF THE MINUTES

- 1 Draft Minutes 12/12/2022
- 2 Draft Minutes 12/20/2022

PUBLIC COMMENTS - All persons wishing to speak for public comment must sign in with the City Clerk prior to the beginning of the meeting. You must sign your name, address, and phone number. You will be able to address the Mayor and Council for three (3) minutes. Speakers must respect all members of the elected body, officials, and staff. Defamation, unruliness and/or swearing will not be tolerated while meetings are in session.

OLD BUSINESS

- 3 Council consideration to approve T-Mobile lease renewal at 4617 North Henry Blvd (Million-Gallon Water Tank) - Presented by: Decius Aaron

NEW BUSINESS

- 4 Council Consideration to approve the Youth Council's use of the Merle Manders Conference Center's lower level to allow the Youth Council to hold its SYC Retreat either on February 24, 2023, or March 4, 2023, from 8 am-5 pm.
- Presented by: Dr. Gourdine, SYC Chair
- 5 Council consideration to approve the award of the fixed contract to the lowest responsive, responsible bidder, Ferguson Enterprises LLC DBA, Ferguson Waterworks, Invitation To Bid (ITB) Number 2022-0018, for the City of Stockbridge 2021 Water Service Line Replacements- Materials, in the total

amount of \$102,512.98. The funding source is from SPLOST V. - Presented by: Decius Aaron

- 6 Council consideration to approve amended list of roadways for use of speed detection devices. - Presented by: Major Glenn Kalish, Frank Trammer
- 7 Council Consideration to approve Tasers and Body Worn Cameras - Presented by: Major Glenn Kalish, Frank Trammer
- 8 Council consideration to approve the purchase of 11 portable two-way radios for the City of Stockbridge Police Department - Presented by: Major Glenn Kalish, Frank Trammer
- 9 Council consideration to approve the purchase of 12 police vehicles for the City of Stockbridge Police Department.

- Presented by: Major Glenn Kalish, Frank Trammer
- 10 Council Consideration to appoint members to the Youth Council Advisory Committee - Presented by: Quinton Washington
- 11 Council Consideration to appoint a member to the Downtown Development Authority - Presented by: Quinton Washington

COUNCIL DISCUSSION

- 12 Council discussion on the condition of East Atlanta Road, Mt Zion Parkway, Old Conyers Road, Spivey Road and Walt Stephens Road.

ANNOUNCEMENTS OF UPCOMING MEETINGS & EVENTS

Council meetings will be held in the City Council Chamber noting some Board/Committee meetings will continue to take place via Zoom. Meeting dates and times are subject to change. Please visit the city's website www.cityofstockbridge.com for the meeting invitation link, Facebook page or contact City Hall offices at 770-389-7900 for updates.

- **Main Street Advisory Board Meeting 2nd Friday of each month at 9:00 a.m. - City Hall Levi Meeting Room (Feb 10)**
- **City Council Meeting, 2nd Monday of each month at 6:00 p.m. – City Hall Council Chamber (Feb 13)**
- **Youth Council Meeting, 6:30 p.m. - 2nd Monday of each month - City Hall Levi Meeting Room - City Hall (Feb 13)**
- **Citywide Development Authority Meeting, 2nd Tuesday of each month 6:00 p.m. - City Hall Levi Meeting Room (Feb 14)**
- **Downtown Development Authority Meeting, 6:00 p.m. Via Zoom - 3rd Tuesday of each month Via Zoom (Feb 21)**
- **Youth Council Advisory Committee Meeting, 6:30 p.m. - 3rd Tuesday of each month Levi Meeting Room - City Hall (Feb 21)**
- **Planning Commission Meeting, 6:30 p.m. - City Hall Council Chamber 4th Thursday of each month– (Feb 23)**

- **City Council Work Session Meeting, Last Tuesday of each month at 6:00 p.m. – City Hall Council Chamber (Feb 28)**

UPCOMING CITY EVENTS/INITIATIVES

1. ***A Continuous Salute to Veterans:*** Please forward pictures of Veterans including name, branch, rank, and years of service as Mayor Pro Tem Thomas presents a special tribute to our local veterans. Pictures should be submitted to: Rosalynd Rawls at rrawls@cityofstockbridge-ga.gov Thank you for your service!
2. **Bingo is Back!** Join Councilman Blount on Wednesday, February 22nd. More information to follow. Please contact Rosalynd Rawls at 678-833-3348 for more information.
3. ***SAVE THE DATE!*** Join Councilman Thomas for the 12th Annual African American Heritage Celebration, Saturday, February 25th. More details to follow.
4. Please join Mayor Ford for his monthly “Meet the Mayor” on Monday, February 27th from 10:00 a.m. – noon. Please contact Rosalynd Rawls to schedule an in-person appointment: rrawl@cityofstockbridge-ga.gov or call 678-833-3348.
5. ***SAVE THE DATE!*** Join Councilman Alexander for the Annual Women’s History Month Celebration, Sunday, March 5th at the Merle Manders Conference Center. More details to follow.

MAYOR'S COMMENTS (Mayor Anthony Ford)

EXECUTIVE SESSION (Exemptions to the Georgia Open Meetings Acts)

ADJOURNMENT



COUNCIL MEETING SUMMARY MINUTES

MONDAY, DECEMBER 12, 2022 6:00 P.M.

Mayor & City Council

Mayor Anthony S. Ford
Mayor Pro Tem Alphonso Thomas
Councilman Elton Alexander
Councilwoman Yolanda Barber
Councilman John Blount
Councilwoman LaKeisha Gantt

Administration

Frederick Gardiner, City Manager
Vanessa Holiday, City Clerk
John Wiggins, City Treasurer
Quinton Washington, City Attorney
Jeremy T. Berry, City Attorney

Mission: To provide visionary leadership and superior municipal services that enhance the quality of life for citizens while creating a welcoming business atmosphere focused on sustainability and expansion of tourism and cultural events.

The meeting was called to order by Mayor Ford.

Invocation by Mr. Maestro Evans.

Pledge of Allegiance was recited by all in attendance.

City Clerk, Vanessa Holiday was asked to proceed with a verbal roll call. All members were present except Councilman Alexander and Councilwoman Gantt. Councilman Alexander joined the meeting at 6:05 p.m.

Mayor Pro Tem Thomas motioned to amend the Agenda to add Item #17 Licensing Agreement for parking and Item #18 Contract Extension for GFL: Second by Councilman Blount. The motion passed 4-0.

Mayor Pro Tem Thomas motioned to adopt the amended Agenda: Second by Councilman Alexander. The motion passed 4-0.

Councilman Blount motioned for the adoption of the Minutes: Second by Councilwoman Barber. The motion passed 4-0.

1. Draft Minutes Special Called Meeting October 3, 2022
2. Draft Minutes Council Meeting October 10, 2022
3. Draft Minutes Work Session Meeting October 25, 2022

PUBLIC COMMENTS - All persons wishing to speak for public comment must sign in with the City Clerk prior to the beginning of the meeting noting your name, address, and phone number. You will be allotted three (3) minutes. Speakers must respect all members of the elected body, officials, and staff. Defamation, unruliness and/or swearing will not be tolerated.

- Mr. Maestro Evans – Stockbridge (Henry County) referenced the recent passage of the Annexation Referendum and asked when information would be distributed to the new residents.

PRESENTATION

4. Presentation of Open Gov Project

Presented by: Frederick Gardiner, John Wiggins, Brice Percynski

Informational and reporting tool for government transparency was presented.

Mr. Percynski noted this would give the citizens full transparency with the operations of the city; noted it would be an informational tool along with helping with different reports such as monthly reporting from finance, permitting reports from community development, procurement, etc.

Councilman Blount asked what the advantage would be to use this company.

Mr. Wiggins noted the information would be pulled from Incode, the city's Finance platform, and provide information to the public to promote transparency.

Councilman Blount asked why the city needs an outside company to provide information and transparency, and do for the city what staff should provide to the public considering the information comes from city staff and is submitted to this company.

Mr. Gardiner noted the city's platform does not present the information in laymen's terms that would be easily understood and referenced cities currently using the platform to include the City of Roswell.

Councilman Alexander noted all financial information is available to the public via an open records request, and suggested that at the most, 2% of the citizens would request the information and has not heard where this software would provide new information, but rather the information that the city already has, and asked Mr. Percynski to provide statistics on the use by the cities currently utilizing the platform.

Mr. Percynski confirmed, and noted the firm has a plan and offers professionalism and training to make sure the platform get up and operating properly.

Councilman Alexander asked for clarification of the upfront cost of \$50,000 plus approximately \$40,000 for a total upfront cost of \$90,000.

Mr. Percynski confirmed those numbers to be correct.

NO ACTION TAKEN.

PUBLIC HEARING

5. Final Reading and Adoption - Public Hearing of the Proposed FY2023 Operating Budget and Capital Improvement Plan

Presented by: Frederick Gardiner, John Wiggins

Mr. Gardiner presented an overview of the proposed FY2023 Operating Budget and Capital Improvement Plan.

Councilman Blount referenced his request for the city's Financial Advisor to attend the meeting noting this is the first budget that is being balanced with Fund Balance and will rely on the \$1.9 mil county rollback; and not being transparent as to how the city will sustain the increases.

Mayor Pro Tem Thomas noted the city is absorbing credit card fees of over \$53,000 per year and motioned to no longer absorb the fees; second by Councilman Alexander. The motion failed 2-0-2 (Barber/Blount Abstained).

Mayor Pro Tem Thomas referenced the 2nd Budget Hearing where it was confirmed by the City Manager that the newly proposed positions would not be funded in the 2023 Operating Budget, and that the critical position of Economic Development Director is moving forward and being funded.

Mr. Gardiner confirmed, noting his intent was for the candidate to be confirmed later during the meeting.

Mayor Pro Tem noted historically, and traditionally, the Council receives the resume of any Director nominated by the City Manager prior to Council confirmation.

Councilman Blount noted he did not need to see the resume and asked that the City Manager be allowed to hire and build his team.

Councilwoman Barber asked if there are any mid-year budget review meetings scheduled for 2023, noting there were no meetings provided in 2022 following requests; referenced the budget retreat and the new format that did not include the governing body, and noted that because of the lack of a budget review to know where the city is financially, she cannot support approval of the budget; Councilwoman Barber referenced the ARPA report and asked If the numbers were for FY22 or FY23.

Mr. Wiggins confirmed the report references FY2022.

Councilwoman Barber asked for a detailed report for ARPA funds spent by the Stockbridge Police Department and the city's Public Works Department and asked for clarification of ARPA funds paid in the amount of \$280,000.

Mr. Wiggins confirmed the \$280,000 was for the Employee Retention Incentive; and noted the ARPA balance is \$1.5 million with \$1.167 restricted.

Mr. Gardiner noted the goal is to try to get the budget process started with the Retreat in February 2023 to include the city's Strategic Plan and priorities for FY23 Projects and have a working document to present in August 2023.

Mayor Pro Tem Thomas requested that Council receive financial reports from the City Manager on a monthly and quarterly basis; and cited Section 4.10 of the Charter whereas the Council shall confirm all Directors, noting the Council should see the background information of the Director for which they are being asked to confirm, stating the Council must do their due diligence with respect to vetting candidates and confirmations of department Directors.

Mr. Gardiner noted he was not aware of that process noting the Charter does not specify that resumes be submitted to the governing body and would have the information forwarded to the Council for review for confirmation of the Director at the December 20, 2022 meeting.

Councilman Blount referenced the Charter and noted areas that appear to be antiquated and needs to be updated to 21st century best practices and noted councilmembers should present their questions to staff in advance and behind closed doors.

Mayor Pro Tem Thomas noted the Council had not been made aware that a Director position was being brought forward for confirmation by the City Manager until today.

Mr. Gardiner noted he plans to meet with the county to request additional tax funds based on the passage of the annexation referendum and the approximately 7,000 new residents as a result and hopes the county will comply with the request without legal recourse.

Mr. Gardiner noted he is working with GMA (Georgia Municipal Association to draft the appropriate correspondence to submit to the county regarding L.O.S.T. (Local Option Sales Tax) and the new city residents/former county residents where there is law that speaks to an approximate 6% increase in population.

Councilman Blount noted there needs to be a financial analysis completed.

Public Hearing Opened

No Speakers in Favor

No Speakers Opposed

Public Hearing Closed

Mayor Ford called for a motion to adopt the FY2023 Operating Budget and Capital Improvement Plan. There was no motion.
NO ACTION TAKEN

6. Notice of Public Hearing and Adoption Proposed Stockbridge Redevelopment Plan for (Tax Allocation District #1 - Downtown and North Henry Boulevard Corridor)
Presented by: Frederick Gardiner, Gary Mongeon of KB Advisory Group
Mr. Gardiner presented the Tax Allocation District #1 for adoption noting upon approval, the next step would be to reach out to the County Tax Assessor to continue the process.

Public Hearing Opened

No Speakers in Favor

No Speakers Opposed

Public Hearing Closed

Councilman Alexander motioned to approve Adoption of the Proposed Stockbridge Redevelopment Plan for Tax Allocation District #1 - Downtown and North Henry Boulevard Corridor: Second by Councilman Blount. The motion passed 3-0-1 (Thomas Abstained).

7. The governing authority for the City intends to consider and to vote upon an ordinance that will provide for an increase in compensation for the members of the governing authority and will provide that said increase for councilmembers shall increase from \$12,000 to \$20,000 annually and for the mayor shall increase from \$14,400 to \$22,400 annually. If so, approved on December 12, 2022, the annual salaries will become effective January 2024.
Presented by: Quinton Washington, City Attorney

Public Hearing Opened

Ms. Armenta Jones, Stockbridge (Henry County) asked where the money would come from to pay the additional salaries.

Mr. Maestro Evans asked what methodology was used to compute the 66.5% increase noting this percentage of an increase does not happen in the public or private sector.

Mayor Ford noted the salaries for the governing body have not increased in ten years.

Mr. Gardiner noted a salary analysis was completed taking into account compensation for similar municipalities.

No Speakers in Favor

Public Hearing Closed

Councilman Alexander motioned to Table: Second by Mayor Pro Tem Thomas. The motion failed 2-0-2 (Blount/Barber Abstained).
NO ACTION TAKEN

Councilman Alexander exited the meeting.

NEW BUSINESS

8. Council Consideration to approve the 2022 Utility Billing Write-Offs for the prior year in the amount of \$45,649.83.

Presented by: John Wiggins

Mr. Wiggins noted council approve last year's write-offs in the amount of \$14,101.78 with an increase of \$31,548.05, Mayor Ford inquired on the increase; noted no cut-offs were processed due to the pandemic from March 2020 until July 2021 and those on the list had already vacated properties when cut-offs were reinstated.

Councilman Blount motioned to approve the 2022 Utility Billing Write-Offs for the prior year in the amount of \$45,649.83: Second by Councilwoman Barber. The motion passed 3-0.

9. Council Consideration to approve Water Deposit Change/Increase from \$150 to \$200.

Presented by: John Wiggins

Mr. Wiggins noted the current deposit for water services to be connected requires is \$150 for renters only; noted the Finance Dept is requesting authorization to increase the water deposit to \$200 which would put the city in line with the other sister cities in the county and to change the language to include homeowners, property management companies and investment companies.

Councilman Blount asked if the deposit increase is expected to cause a decrease in future write-offs.

Mr. Wiggins noted a decrease due to the increase with more funding with the extra \$50 with the other deposit such as the homeowners and property managers; noted all the other sister cities implemented an increase three years ago.

Mr. Aaron noted the average water bill is approximately \$61.20.

Mayor Pro Tem Thomas motioned to approve Water Deposit Change/Increase from \$150 to \$200: Second by Councilman Blount. The motion passed 3-0.

10. Water and Sewer Rate Increase Ordinance – Council Consideration to approve the Ordinance for FY23 – FY27.

Presented by: Decius Aaron and Chad Peden (Carter & Sloope Engineer)

Mr. Aaron noted staff has looked at the water and sewer rate's structure and has reviewed the past audit and note GEFA (Georgia Environmental Finance Authority) requires the city to maintain a certain debt service coverage ratio; noted the city has not met the

requirement and with the loan with GEFA (Georgia Environmental Finance Authority) it allows them to raise the rates to meet the debt service coverage ratio; noted Carter & Sloope, city engineers has prepared a rate analysis study for the next 5 years to meet the with GEFA (Georgia Environmental Finance Authority) requirements which is a debt services ratio of 1.1%.

Mr. Peden noted the biggest challenge for the City of Stockbridge is that their cost recovery (operating revenues divided by operating expenditures) has fallen below 1.0 in recent years and in general, this ratio must be higher than 1.0 for a self-sustaining enterprise; noted the City of Stockbridge operates under an “increasing block” rate structure; noted this rate structure defines itself by charging higher rates per unit of water and sewer as the volume of consumption increases; noted consumers face a lower rate up to the first block of consumption and pay a higher price up to the limit of the second block, and so on until the highest block of consumption; noted customers are billed the base charge plus usage except for irrigation and hydrant meters and recommended residents have a typical block structure which is described as the cost per 1,000 gallons from 0 to 10,000 is uniformed with whatever is used and if residents use more than 4,000 gallons, the cost will go up.

Mayor Ford inquired if that would include a reduced rate based on quantity.

Mr. Peden noted it would not be a reduced rate, and would cover whatever expenses to provide and produce water; noted three options were identified for with the goal of maintaining a sustainable enterprise, Proportional Increase, Uniform Increase and Custom Increase with recommending going forward with Custom Increase; noted Overall, the average residential water and sewer bill (4,000 gallons) would increase from \$61.28 per month to \$90.10 per month, equivalent to 1.85% of the median household income, which is still below the 2.0 guideline recommended by USDA.

Councilman Blount motioned to approve Water and Sewer Rate Increase Ordinance for FY23 – FY27: Second by Councilwoman Barber. The motion passed 3-0.

11. Council consideration to approve the renewal of the City of Stockbridge On-Call Sidewalk Replacement and Repairs Contract with DAF Concrete, Inc. in the amount of 250,000.00. The funding source is SPLOST V.

Presented by: Decius Aaron

Mr. Aaron noted the city had an assessment completed in 2018 of the streets with council wanting to include sidewalks; noted the assessment is similar to the LMIG (Local Maintenance and Improvement Grant) analysis, with DAF Concrete, Inc repairing over 11,100 linear ft. of sidewalks and used a rating system on how locations would be chosen and spent \$260,00 repairing and replacing sidewalks; noted work has been completed in Monarch Village, Windsong and Summit View with the goal next year of obtaining the same amount as LMIG (Local Maintenance and Improvement Grant) with a minimum of 5

miles and a minimum of sidewalk replacement of at least 11,000 linear feet; noted staff would like to be proactive to keep the city sidewalks safe.

Mayor Ford asked how the newly annexed streets would be incorporated into the city's LMIG Plan.

Mr. Aaron noted he is having conversations with the City Manager about the new subdivisions coming into the city and assumes they will all have the same conditions with roads and sidewalks and will gradually start working on them; noted staff has already identified the location due to SPLOST being approved for specific areas with the new areas starting in 2024 and have already identified the streets and sidewalks to be repaired; noted after a new evaluation is completed, new areas will be added.

Councilwoman Barber noted the city awarded a LMIG contract for as a separate contract and asked why this contract is needed.

Mr. Aaron noted GDOT (Georgia Department of Transportation) requires an annual list of streets that would be resurfaced under the LMIG (Local Maintenance and Improvement Grant) and noted the repair of damaged sidewalks in the city is beyond what the Public Works staff can do.

Councilman Blount motioned to approve the renewal of the City of Stockbridge On-Call Sidewalk Replacement and Repairs Contract with DAF Concrete, Inc., in the amount of 250,000.00: Second by Mayor Pro Tem Thomas. The motion passed 3-0.

12. Council Consideration to approve the 2023 City Events Calendar

Presented by: Kim Jordan, Frederick Gardiner

Mr. Gardiner noted the 2023 events calendar includes 15 planned events that includes the date, time, location and a brief description of the event.

Mayor Pro Tem Thomas requested to move BridgeFest date from 9/23/23 to 9/30/23 and to have lateral leeway to be able to adjust some dates where there may be a conflict:

Mayor Ford noted the time for BridgeFest states 7pm-11pm and noted this has historically been an all-day event.

Mr. Gardiner noted he would check with staff on the time for the event.

Councilwoman Barber motioned to remove the \$50,000 for Re-opening of the Merle Manders Conference Center: Second by Councilman Blount. The motion passed 3-0.

Councilwoman Barber motioned to Table the Item: Second by Mayor Pro Tem Thomas. The motion passed 3-0.

13. Council Consideration to approve the 2023 Council Initiative Calendar

Presented by: Rosalynd Rawls

Ms. Rawls presented the proposed Council Initiatives Calendar, noting changes may occur during the year.

Councilwoman Barber requested the calendar to be amended noting the free Zumba sessions would begin in May 2023; asked that the Blood Drives be removed from the calendar noting she would schedule those; and asked that the non-profit entity, Hands of Hope, currently listed for the Annual Kickball Charity event be removed as she would be announcing the 2023 non-profit benefactor.

Motion to approve the 2023 Council Initiative Calendar as amended: Barber/Thomas
Passed 3-0.

14. Council Consideration to appoint members to the Planning Commission

Presented by: Quinton Washington

Mayor Ford inquired on the number of slots available for each board/committee.

Ms. Holiday noted a number of individuals would like to be re-appointed, however with the new residents coming in, a number of applications have come in and was hoping Mayor and Council would extend the deadline to allow for additional applications before making appointing; noted staff has received applications for the Citizens Police Advisory Council where the policy states the Mayor and Council shall appoint members as well as the Chief of Police; noted there has been a number of applications received for District 2 and inquired on who would make the appointment first, noting there needs to be more clarification; noted citizens have been applying for more than one board/committee with vacancies on a few boards; noted the Chief Trammer has advised the Citizens Police Advisory Council will not appoint members until the latter part of the first quarter of 2023 and recommends delaying until there is clarity, noting it has also been requested that anyone applying for the Citizens Police Advisory Council also apply for the Citizens Police Academy and vice versa; and asked the Council to consider the Planning Commission needs appointments to conduct business with a quorum.

Mayor Ford noted the Councilmember of the district would make the initial appointment to the Citizen-Police Advisory Council.

Councilwoman Barber recommended postponing new appointments until February with the exception of the Planning Commission and allow the new residents a chance to apply.

Ms. Holiday referenced the Charter, where the term for the Planning Commission ends 12/31.

Mayor Pro Tem Thomas motioned to Table appointments to the January 9, 2023 meeting with the swearing-in to take place in February: Second by Councilwoman Barber. The motion failed 2-1 (Blount Opposed).

Mayor Ford suggested the appointments at the December 20, 2022 Work Session meeting.

Councilman Blount motioned to Table appointments until December 20, 2022 at the Work Session meeting with the swearing-in in January 2023: Second by Mayor Pro Tem Thomas. The motion Failed 2-0-1 (Barber Abstained). NO ACTION TAKEN

15. Council Consideration to appoint members to the Youth Council Advisory Committee
Presented by: Quinton Washington
NO ACTION TAKEN

16. Council Consideration to appoint members to the Main Street Advisory Board
Presented by: Quinton Washington
NO ACTION TAKEN

17. Council Consideration to approve a Licensing Agreement for parking at Stockbridge Municipal Court and City Hall between the Stockbridge First Baptist Church and the City of Stockbridge during the Right-of-Way Easement construction.
Presented by: Danielle Davis, Fredrick Gardiner
Mr. Gardiner noted during the road improvements and widening to Lee Street, Stockbridge First Baptist Church has asked to utilize the city hall parking lot and the Municipal Courts parking lot during construction.

Councilwoman Barber motioned to approve: Second by Mayor Pro Tem Thomas. The motion passed 3-0.

18. Council Consideration to approve a one-year renewal contract extension for sanitation services with GFL.
Presented by: Danielle Davis, Frederick Gardiner, and Decius Aaron
Mr. Aaron noted staff is currently receiving the correct list of parcels from the Tax Commissioner regarding the newly annexed properties to work with and noted some parcels are listed as commercial but in fact are residential; staff will have to go through each parcel and integrate into the current route structure with GFL; noted GFL has requested at least 90 days to start providing service to the newly annexed residents, noting current GFL residents are billed property taxes and the new residents would have to be billed directly; noted by June 1, 2023, the city would have to have the information to give to the tax assessor office to bill residents on the tax statements in year 2024.

Mayor Ford inquired on the transition for the new residents.

Mr. Gardiner noted having the chief elected official sending out a letter to the new residents informing them on what services would be included once annexed into the city.

Councilwoman Barber inquired if the city issued a solicitation to bid for residential and commercial waste collection services.

Mr. Aaron confirmed; noting the bid closed on December 8th, and the selection committee has been named; and noted once procurement gives the committee a date to meet and review the two proposals, the committee will evaluate the proposals and staff will come before council to award the contract.

Councilwoman Barber noted it has been recommended that service comments for the current provided be noted and properly documented.

Councilman Blount motioned to approve a one-year contract extension with GFL for sanitation services: Second by Mayor Pro Tem Thomas. The motion failed 2-0-1 (Barber Abstained).

Councilwoman Gantt joined the meeting at 10:05 p.m.

Councilman Blount motioned to approve a one-year contract extension with performance improvement standards: Second by Councilwoman Gantt. The motion passed 3-0-1 (Barber Abstained).

ANNOUNCEMENTS OF UPCOMING MEETINGS & EVENTS

UPCOMING MEETINGS & ANNOUNCEMENTS: Council meetings will be held in the City Council Chamber. Meeting dates, locations and times are subject to change.

Please visit the city's website www.cityofstockbridge.com for the meeting invitation link, Facebook page or contact City Hall offices at 770-389-7900 for updates.

- Citywide Development Authority Meeting, 6:00 p.m. City Hall Levi Meeting Room 2nd Tuesday of each month (Dec 13)
- Planning Commission Meeting, Special Date - Thursday at 6:30 p.m. City Hall Council Chamber – (Dec 15)
- City Council Work Session Meeting, Special Date - Tuesday at 6:00 p.m. – City Hall Council Chamber (Dec 20)
- Downtown Development Authority Meeting, 6:00 p.m. Via Zoom - 3rd Tuesday of each month Via Zoom (Dec 20)
- Youth Council Advisory Committee Meeting, 6:30 p.m. - 3rd Tuesday of each month Levi Meeting Room - City Hall (Dec 20)
- City Council Meeting, 2nd Monday of each month – City Hall Council Chamber (Jan 9)
- Youth Council Meeting, 6:30 p.m. - 2nd Monday of each month City Hall Levi Meeting Room - City Hall (Jan 9)

- Main Street Advisory Board Meeting 2nd Friday of each month at 9:00 a.m. City Hall Levi Meeting Room (Jan 13)

UPCOMING CITY EVENTS/INITIATIVES

- *A Continuous Salute to Veterans*: Please forward pictures of Veterans including name, branch, rank, and years of service as Mayor Pro Tem Thomas presents a special tribute to our local veterans. Pictures should be submitted to: Rosalynd Rawls at rrawls@cityofstockbridge-ga.gov Thank you for your service!
- Please join Councilwoman Barber for FREE Zumba on every Saturday morning at Vivid Affairs Event Center located at 747 Davis Rd. Suite 400 Stockbridge at 8:00 a.m. Come out for FREE fitness!
- Here is your opportunity to *Meet the Mayor* and talk with Mayor Ford on Monday, December 19th from 10am to noon. Please contact Rosalynd Rawls to schedule an appointment at 678-833-3348 or via email at rrawls@cityofstockbridge-ga.gov

MAYOR'S COMMENTS (Mayor Anthony Ford)

Mayor Ford referenced the recently held Volunteer Appreciation Gala where the city thanked the volunteers who serve and support the city throughout the year, and thanked Mayor Pro Tem Thomas for taking the lead on the event; noted we are still in a pandemic and encouraged everyone to get COVID vaccinations and boosters and flu shots throughout the county and at the Henry County Health Department Monday – Friday 9am – 11:30am and 1pm – 2:30pm; noted COVID testing was available at Red Hawk Field Monday, Wednesday and Friday from 9am – 3pm; Mayor Ford wished everyone Happy Holidays, prosperity and good health, and to be safe, and wished everyone a happy new year.

EXECUTIVE SESSION (Exemptions to the Georgia Open Meetings Acts)

Councilwoman Gantt motioned to convene Executive Session for Personnel: Second by Councilman Blount. The motion failed 2-1-1 (Thomas Opposed/Barber Abstained).

ADJOURNMENT

Mayor Pro Tem Thomas motioned to adjourn the meeting: Second by Councilwoman Gantt. The motion passed 4-0.

Respectfully submitted by:

Vanessa Holiday, City Clerk

Anthony S. Ford, Mayor



WORK SESSION MEETING SUMMARY MINUTES

TUESDAY, DECEMBER 20, 2022 6:00 P.M.

Mayor & City Council

Mayor Anthony S. Ford
Mayor Pro Tem Alphonso Thomas
Councilman Elton Alexander
Councilwoman Yolanda Barber
Councilman John Blount
Councilwoman LaKeisha Gantt

Administration

Frederick Gardiner, City Manager
Vanessa Holiday, City Clerk
John Wiggins, City Treasurer
Quinton Washington, City Attorney
Jeremy T. Berry, City Attorney

Mission: To provide visionary leadership and superior municipal services that enhance the quality of life for citizens while creating a welcoming business atmosphere focused on sustainability and expansion of tourism and cultural events.

The meeting was called to order by Mayor Ford.

Invocation by John Wiggins, City Treasurer.

Pledge Of Allegiance was recited by all in attendance.

City Clerk, Vanessa Holiday was asked to proceed with a verbal roll call. All members were in attendance except Councilwoman Gantt.

Councilman Blount motioned to adopt the Agenda: Second by Councilwoman Barber. The motion passed 4-0.

REVIEW OF THE MINUTES – No Action

1. Draft Minutes Council Meeting November 14, 2022
2. Draft Minutes Work Session Meeting November 29, 2022

PUBLIC COMMENTS - All persons wishing to speak for public comment must sign in with the City Clerk prior to the beginning of the meeting noting your name, address, and phone number. You will be allotted three (3) minutes. Speakers must respect all members of the elected body, officials, and staff. Defamation, unruliness and/or swearing will not be tolerated. None

Councilwoman Gantt joined the meeting.

OLD BUSINESS

3. Council Consideration to approve the 2023 City Events Calendar

Presented by: Kim Jordan, Conference Center Manager

Ms. Jordan noted Tasty Tuesdays will begin May 2nd through August 29th with the exception of August 30th and July 4th at Clark Park from 5:30pm-8:30pm with a budget of \$20,000; Memorial March will be on August 29th from 9am-11am from the Merle Manders Conference Center to Memorial Park; Juneteenth will be Monday June 19th

5pm-8pm at Clark Park; July 4th will be that Tuesday at the amphitheater from 8pm-11pm with a budget of \$50,000; Back to School Kick-Off will be July 22nd from 11am-1pm located at the amphitheater parking lot; September 11th Ceremony will be located on City Hall steps; Bridgefest will be September 30th from 12pm-10pm; Pretty in Pink Luncheon will be on October 12th from 11am-2pm followed by the love walk; Veterans Day Luncheon will be on Friday, November 10th from 11am-1pm; Turkey Giveaway will be on November 18th with the Community Thanksgiving initiative dinner the same day; Volunteer Appreciation Dinner was suggested to be added as a city event and will be December 9th from 5pm-8pm and the Holiday Festival and Tree Lighting December 1st from 5:30-9:00pm.

Councilman Alexander recommended the Turkey Giveaway relocate to the Amphitheater parking lot instead of the Merle Manders Conference Center due to traffic concerns; Chief Trammer agreed; Councilman Alexander also asked the Council to revisit the city adding a New Year's Eve event to the city's calendar.

Mayor Pro Tem Thomas recommended the Events Manager review city events, such as Memorial March and other events to be certain the events are being carried out with the city's vision.

Councilman Alexander noted having a distinction between paid concerts and free city events and allowing chairs and blankets for the free concerts.

Councilman Blount recommended to remove the chairs from the lawn area at the Amphitheater for concert events.

Mayor Pro Tem Thomas recommended making the language of the rules clear and to place the information out in advance to the public and place on the city's website.

Councilman Blount motioned to approve the 2023 City Events Calendar: Second by Councilman Alexander. The motion passed 5-0.

PUBLIC HEARING

4. Final Reading and Adoption - Public Hearing of the Proposed FY2023 Operating Budget and Capital Improvement Plan

Presented by: John Wiggins, Treasurer

Mr. Wiggins presented the proposed FY2023 Operating Budget and Capital Improvement Plan citing Title 36 Chapter 81 of the Georgia Code, noting the Budget Hearings had been properly advertised and were held on November 14, 2022, November 29, 2022, and December 12, 2022, with the adoption scheduled to take place today, December 20, 2022.

Councilwoman Barber noted it had been confirmed that there were positions that had not been funded, however the positions remain on the Organizational Chart and Pay and Classification.

Mr. Wiggins reiterated that the positions are not funded, however, the research has already taken place should the Council move to approve and fund the positions later in the year.

Councilman Alexander referenced the improvements in the city's landscape, noting a new standard of quality service executing in a new level.

Mr. Aaron confirmed the new level of service would continue.

Councilman Alexander referenced landscaping improvements along Hudson Bridge and Campground Road.

Mr. Aaron noted the project was not approved by the Council and would submit the information to the Mayor & Council for review in the event it is to be added to Agenda for consideration, noted Public Works has budgeted to procure additional equipment in the FY2023 Budget to maintain the additional roadways and rights-of-way as a result of the approved Annexation Referendum; noted the Public Works staff has been surveying the newly annexed land over the last three weeks and have noticed there are roadway repairs needed along Old Conyers Rd., Mt. Zion Rd. and Walt Stephens Rd.

Councilman Alexander asked Mr. Aaron if he has been working with the City's Grants Administrator to secure grants for infrastructure and roadway projects.

Mr. Aaron confirmed that his is working with Ms. Russell seeking grants.

Councilman Blount asked Mr. Aaron if there are funds in the budget for pressure washing the city's buildings, city hall specifically as a focal point of the city and needed to be cleaned; and asked if pressure washing is a service provided by staff or a contractor.

Mr. Aaron noted funds are in the budget and that he would address the concerns with the city's Building Maintenance Supervisor.

Mayor pro Tem referenced the new positions that had been presented in the proposed budget and asked if the salaries were included in the salaries line of the budget.

Mr. Wiggins confirmed there was no funding for the new positions.

Councilman Alexander noted the 10' walking paths along East Atlanta Rd., noting the city has bonded monies for trails that is just sitting there and asked if the paths could be added to the E. Atlanta Rd. project; and asked if the 10' sidewalks could be completed by staff or a contractor.

Mr. Aaron noted the request would require GA Department of Transportation approval and would delay the current project timeline and would require that that work be completed by a contractor.

Mayor Ford noted TSPLOST projects need to be prioritized with the underserved community as priority one.

Mr. Wiggins noted the city is collecting \$463,000 in TSPLOST funding from the county.

Councilman Blount asked Mr. Aaron if the city has including cutting back crepe myrtles in the landscaping contract or if staff is cutting those, being specific with the difference between cutting and trimming of these trees.

Mr. Aaron noted the contractor has the cutting of the trees in their scope of work.

Councilman Alexander agreed Councilman Blount, noting the trees along N. Henry Blvd. need to be cut back as well.

Mr. Aaron noted the city's Main Street Program had previously offered a plan for the vacant lot adjacent to city hall.

Councilman Alexander also advised the Public Works Director that the median on Hwy. 138.

Councilman Blount asked Mr. Wiggins how much of the city's proposed FY2023 Operating Budget is being balanced with Fund Balance.

Mr. Wiggins confirmed \$4.5 million dollars.

Public Hearing Opened
No Speakers in Favor
No Speakers Opposed
Public Hearing Closed

Councilman Alexander motioned to approve the FY2023 Operating Budget and Capital Improvement Plan: Second by Councilwoman Gantt. The motion passed 4-0-1 (Barber Abstained).

5. The governing authority of the City intends to consider and to vote upon an ordinance that will provide for an increase in compensation for the members of the governing authority and will provide that said increase for council members shall increase from \$12,000 to \$20,000 annually and for the mayor shall increase from \$14,400 to \$22,400 annually. If so approved on December 12, 2022, the annual salaries will become effective in January 2024.

Presented by: Quinton Washington, City Attorney

Attorney Washington noted if approved, the compensation changes become effective January 1, 2024.

Public Hearing Opened
No Speakers in Favor
No Speakers Opposed
Public Hearing Closed

Councilman Alexander motioned to approve an increase in compensation for the members of the governing authority and will provide that said increase for council members shall increase from \$12,000 to \$20,000 annually and for the mayor shall increase from \$14,400 to \$22,400 annually. If so approved on December 12, 2022, the annual salaries will become effective in January 2024: Second by Mayor Pro Tem Thomas. The motion passed 3-1-1 (Blount Opposed/Barber Abstained).

NEW BUSINESS

6. Council consideration to approve the 2023 Workers Compensation Policy with J Smith Lanier in the amount of \$157,914.00.

Presented by: Renee Wheeler, HR Manager

Ms. Wheeler noted staff recommends approval of the renewal of the Workers Compensation policy through January 2024; noted that it is not open for competitive bidding and during the 100-day period staff tried adhering by waiting on numbers with the addition of the police department staff and the 2023 payroll; once numbers were added, the city received a 20% reduction in premium rates from \$179,000 to \$157,000 and if the city accepts the \$1,000 deductible, it could be as low as \$153,000.

Councilman Blount motioned to approve the 2023 Workers Compensation Policy with J Smith Lanier in the amount of \$157,914.00: Second by Councilwoman Gantt. The motion passed 5-0.

7. Council Consideration to appoint members to the Planning Commission.

Presented by: Quinton Washington, City Attorney

Mayor Ford recommended discussing the appointments in Executive Session.

Councilwoman Gantt motioned to appoint: David Planchon, Harold Thibodeaux, and Kathleen Nelson to the Planning Commission: Second by Councilwoman Gantt. The motion passed 5-0.

8. Council Consideration to appoint members to the Youth Council Advisory Committee.

Presented by: Quinton Washington, City Attorney

Councilwoman Gantt motioned to appoint: Bonita Adams, Joc'Quelyn Carter, Ericka Harvey, Ayesha Watson, and Tonya Williams:

Second by Mayor Pro Tem Thomas. The motion passed 5-0.

9. Council Consideration to appoint members to the Main Street Advisory Board.

Presented by: Quinton Washington, City Attorney

Mayor Pro Tem Thomas motioned to appoint: Camille Mason and Andrea Burnett:

Second by Councilwoman Barber. The motion passed 5-0.

ANNOUNCEMENTS OF UPCOMING MEETINGS & EVENTS

UPCOMING MEETINGS & ANNOUNCEMENTS: Council meetings will be held in the City Council Chamber. Meeting dates, locations and times are subject to change. Please visit the city's website www.cityofstockbridge.com for the meeting invitation link, Facebook page or contact City Hall offices at 770-389-7900 for updates.

- City Council Meeting - 2nd Monday of each month – City Hall Council Chamber (Jan 9)
- Youth Council Meeting - 6:30 p.m. - 2nd Monday of each month City Hall Levi Meeting Room - City Hall (Jan 9)
- Downtown Development Authority Meeting- 6:00 p.m. Via Zoom - *Special Day* (Jan 10) - Tuesday Via Zoom
- Citywide Development Authority Meeting - 6:00 p.m. City Hall Levi Meeting Room 2nd Tuesday of each month (Jan 10)

- Main Street Advisory Board Meeting 2nd Friday of each month at 9:00 a.m. City Hall Levi Meeting Room (Jan 13)
- Youth Council Advisory Committee Meeting, 6:30 p.m. - 3rd Tuesday of each month Levi Meeting Room - City Hall (Jan 17)
- Planning Commission Meeting - 4th Thursday at 6:30 p.m. City Hall Council Chamber – (Jan 26)
- City Council Work Session Meeting - Tuesday at 6:00 p.m. – City Hall Council Chamber (Jan 31)

UPCOMING CITY EVENTS/INITIATIVES

- *A Continuous Salute to Veterans*: Please forward pictures of Veterans including name, branch, rank, and years of service as Mayor Pro Tem Thomas presents a special tribute to our local veterans. Pictures should be submitted to: Rosalynd Rawls at rrawls@cityofstockbridge-ga.gov Thank you for your service!
- Please join Councilman Alexander for the Annual Martin Luther King, Jr. Service Project on Saturday, January 14th at Hudson Bridge Rd. @ I-75 (Parking at Walmart) from 10am - 12pm.
- Please join Councilman Blount for Bingo Bash on Wednesday, January 18th at the Merle Manders Conference Center from 10am - noon.
Here is your opportunity to *Meet the Mayor* and talk with Mayor Ford on Tuesday, January 24th from 10am to noon. Please contact Rosalynd Rawls to schedule an appointment at 678-833-3348 or via email at rrawls@cityofstockbridge-ga.gov

MAYOR'S COMMENTS (Mayor Anthony Ford)

Mayor Ford noted we are still in a pandemic and noted the data from news sources state sick cases and hospitalizations are on the rise, and encouraged everyone to get COVID vaccinations and boosters and flu shots throughout the county and at the Henry County Health Department Monday – Friday 9am – 11:30am and 1pm – 2:30pm; noted COVID testing was available at Red Hawk Field Monday, Wednesday and Friday from 9am – 3pm; noted the New Residents Guide was mailed out to the newly annexed residents that will be extremely helpful to residents on how we do business and provide services; congratulated City Clerk, Vanessa Holiday on her recent IIMC CMC, Certified Municipal Clerk certification; wished everyone Happy Holidays and to be safe, noting 2023 is going to be a great and prosperous year for all.

EXECUTIVE SESSION (Exemptions to the Georgia Open Meetings Acts)

Councilman Blount motioned to convene Executive Session for Personnel, Real Estate and Litigation: Second by Councilwoman Gantt. The motion passed 5-0.

Councilwoman Gantt motioned to adjourn Executive Session: Second by Councilman Alexander. The motion passed 5-0.

Councilwoman Gantt motioned to reconvene the meeting: Second by Mayor Pro Tem Thomas. The motion passed 5-0.

Councilman Alexander motioned to appoint Mr. Kimberly Allonce to the position of Economic Development Director: Second by Councilwoman Gantt. The motion passed 5-0.

Councilman Blount motioned to appoint Mr. Rusi Patel to the position of Information Technology Director: Second by Councilwoman Gantt. The motion passed 3-0-2 (Barber/Thomas Abstained).

ADJOURNMENT

Councilwoman Gantt motioned to adjourn: Second by Councilman Blount. The motion passed 5-0.

Respectfully submitted by:

Vanessa Holiday, City Clerk

Anthony S. Ford, Mayor



City of Stockbridge

AGENDA ITEM

MEETING DATE

January 31, 2023

FUNDING SOURCE

- ☐ RESOLUTION
- ☐ ORDINANCE
- ☒ CONTRACT APPROVAL/RENEWAL
- ☐ PUBLIC HEARING
- ☐ PRESENTATION
- ☐ BID SELECTION/AWARD
- ☐ TASK ORDER
- ☐ CHANGE ORDER
- ☐ BUDGET AMENDMENT
- ☐ BUDGET TRANSFER
- ☐ PAYMENT APPROVAL
- ☐ OTHER

- ☐ GENERAL FUND
- ☐ FUND BALANCE
- ☐ SPLOST
- ☐ TSPLOST
- ☐ CDBG
- ☐ GRANT FUNDING
- ☐ COUNCIL INITIATIVE
- ☐ PARTNER/SPONSOR
- ☐ DEPARTMENT BUDGET
- ☐ BONDING

ACCOUNT TRANSFER FROM:

ACCOUNT TRANSFER TO:

PRESENTER: Decius T. Aaron

DEPARTMENT: Public Works.

ITEM/PROJECT/EVENT:

T-Mobile contract renewal.

BACKGROUND INFORMATION:

T-Mobile is requesting to renew their lease at 4617 North Henry BLVD (Million-Gallon Water Tank). The lease ends on February 15, 2023.

SIGNATURES:

CITY MANAGER _____

CITY TREASURER _____

CITY ATTORNEY _____

☐ FINANCIAL IMPACT ☐ N/A

AMOUNT N/A

ATTACHMENTS:



THIRD AMENDMENT TO PCS SITE AGREEMENT

This Third Amendment to PCS SITE Agreement (the "**Third Amendment**") is effective as of the last signature below (the "**Effective Date**"), by and between CITY OF STOCKBRIDGE, a Georgia body politic ("**Landlord**"), and SprintCom LLC (formerly a corporation), a Kansas limited liability company ("**Tenant**") (each a "**Party**", or collectively, the "**Parties**").

Landlord and Tenant entered into that certain PCS SITE Agreement dated February 16, 1998, including that certain First Amendment dated April 25, 2007, including that Second Amendment dated March 9, 2015 including all amendments, collectively, the ("**Lease**") regarding the leased premises ("**Premises**") located at 4617 North Henry Boulevard, Stockbridge, Georgia 30281 (the "**Property**").

For good and valuable consideration, Landlord and Tenant agree as follows:

1. At the expiration of the Lease, the term of the Lease will automatically be extended for five (5) additional and successive five (5) year terms, each included as Renewal Term provided that Tenant may elect not to renew by providing Landlord at least thirty (30) days' notice prior to the expiration of the then current Renewal Term.
2. At the commencement of the first Renewal Term provided for in this Third Amendment, Tenant shall pay Landlord Three Thousand Five Hundred and 00/100 Dollars (\$3,500) per month as License Fee, partial calendar year to be prorated in advance, by the fifth (5th) day of each calendar month. Thereafter, notwithstanding anything to the contrary in the Lease, the License Fee will escalate by 15% on the first day of each Renewal Term. Where duplicate License Fee would occur, a credit shall be taken by Tenant for any prepayment of duplicate License Fee by Tenant.
3. Tenant shall have the right to assign, or otherwise transfer the Lease, upon Tenant 's delivery to Landlord of written notice of any assignment or transfer by Tenant. Tenant shall be relieved of all liabilities and obligations and Landlord shall look solely to the assignee, or transferee for performance under the Lease. Tenant shall have the right to sublease the Lease without the need for Landlord's consent.
4. All notices, requests, demands and other communications shall be in writing and shall be deemed to have been delivered upon receipt or refusal to accept delivery, and are effective only when deposited into the U.S. certified mail, return receipt requested, or when sent via a nationally recognized courier to the addresses set forth below. Landlord or Tenant may from time to time designate any other address for this purpose by providing written notice to the other Party.

If to Tenant:

Sprint Property Services
Sprint Site ID: AT03XC119
Mailstop KSOPHD0101-Z2650
6220 Sprint Parkway
Overland Park, Kansas 66251-2650

If to Landlord:

City of Stockbridge
Attn: City Clerk
4640 North Henry Boulevard
Stockbridge, Georgia 30281

With a copy to:

Sprint Law Department
Sprint Site ID: AT03XC119
Attn.: Real Estate Attorney
Mailstop KSOPHD0101-Z2020
6220 Sprint Parkway
Overland Park, Kansas 66251-2020

5. Tenant and Landlord will reasonably cooperate with each other's requests to approve permit applications and other documents related to the Property without additional payment or consideration.
6. Any charges payable under the Lease other than License Fee shall be billed by Landlord to Tenant within twelve (12) months from the date in which the charges were incurred or due; otherwise the same shall be deemed time-barred and be forever waived and released by Landlord.
7. Except as expressly set forth in this Third Amendment, the Lease otherwise is unmodified. To the extent any provision contained in this Third Amendment conflicts with the terms of the Lease, the terms and provisions of this Third Amendment shall control. Each reference in the Lease to itself shall be deemed also to refer to this Third Amendment.
8. This this Third Amendment may be executed in duplicate counterparts, each of which will be deemed an original. Signed electronic, scanned, or facsimile copies of this this Third Amendment will legally bind the Parties to the same extent as originals.
9. Each of the Parties represents and warrants that it has the right, power, legal capacity and authority to enter into and perform its respective obligations under this Third Amendment. Landlord represents and warrants to Tenant that the consent or approval of a third party has either been obtained or is not required with respect to the execution of Third Amendment. If Landlord is represented by any property manager, broker or any other leasing agent ("Agent"), then (a) Landlord is solely responsible for all commission, fees or other payment to Agent and (b) Landlord shall not impose any fees on Tenant to

compensate or reimburse Landlord for the use of Agent, including any such commissions, fees or other payments arising from negotiating or entering into this Third Amendment or any future amendment.

10. This Third Amendment will be binding on and inure to the benefit of the Parties herein, their heirs, executors, administrators, successors-in-interest and assigns.

IN WITNESS, the Parties execute this Third Amendment as of the Effective Date.

Landlord:

City of Stockbridge, a Georgia body politic

By: _____

Print Name: _____

Title: _____

Date: _____

Tenant:

SprintCom LLC, a Kansas limited liability company

By: _____

Print Name: _____

Title: _____

Date: _____



City of Stockbridge

Staff Recommendation Form For Council Approval/Review

Meeting Date

January 31, 2023

- ☒ Action requested by City Council
- ☐ For informational purposes only
- ☐ Discussion Item
- ☐ Budget Amendment Required
- ☐ Presentation

FROM ACCOUNT: N/A

TO ACCOUNT:

PRESENTER: Dr. Gourdine, Youth Council Chairwoman

ITEM/PROJECT/EVENT: Council Consideration to approve the Youth Council use of the Merle Manders Conference Center's lower level to allow the Youth Council to hold its SYC Retreat

FUNDING SOURCE

- ☐ GENERAL FUND
- ☐ FUND BALANCE
- ☐ SPLOST
- ☐ CDBG
- ☐ GRANT FUNDING
- ☐ COUNCIL INITIATIVE
- ☐ SPONSORSHIP
- ☐ DEPT. FUND BALANCE

DESCRIPTION: The Youth Council's 2023 calendar was approved with the FY2023 budget; however, no location was disclosed. The Youth Council would like to request use of the Merle Manders Conference Center's lower level to hold their Retreat either on February 24, 2023 or March 4, 2023 from 8am-5pm.

APPROVED BY:

APPROVED BY:

FINANCE _____

CITY MANAGER _____

CITY ATTORNEY _____

AMOUNT

\$ N/A

ATTACHMENT(S:)

☒

STOCKBRIDGE YOUTH COUNCIL 2023 CALENDAR

Each student is required to obtain 30 community service hours per year
Regularly Scheduled Meetings will be held the 2nd Wednesday of every month @ 5:30pm.

Quarter 1 January/February/March

- Retreat - Team Building
- Beautification
- Literacy Day
- City Event- Community Service
- Georgia Cities Summit

Quarter 2 April/May

- College Tour
- Beautification
- STEM Day- Community Service- City Event
- Senior Banquet

June & July Summer Break! We encourage you to obtain your community service hours if you can.

Quarter 3 August/September/October

- Retreat - Leadership
- Beautification
- Voters Registration Awareness - Bridgefest
- Community Forum - State of the City
- Modern Art Expo

Quarter 4 November/December

- Beautification
- HCPS partnership
- City Event - Community Service
- Job/Business Fair

GMA YOUTH SYMPOSIUM TBD

***Fundraiser Opportunities *(bridgefest)**



City of Stockbridge

AGENDA ITEM

MEETING DATE

January 31, 2023

FUNDING SOURCE

- ☒ RESOLUTION
- ☐ ORDINANCE
- ☐ CONTRACT APPROVAL/RENEWAL
- ☐ PUBLIC HEARING
- ☐ PRESENTATION
- ☐ BID SELECTION/AWARD
- ☐ TASK ORDER
- ☐ CHANGE ORDER
- ☐ BUDGET AMENDMENT
- ☐ BUDGET TRANSFER
- ☐ PAYMENT APPROVAL
- ☐ OTHER

- ☐ GENERAL FUND
- ☐ SEWER DEPT FUND BALANCE
- ☒ SPLOST
- ☐ TSPLOST
- ☐ CDBG
- ☐ GRANT FUNDING
- ☐ COUNCIL INITIATIVE
- ☐ PARTNER/SPONSOR
- ☐ DEPARTMENT BUDGET
- ☐ BONDING

ACCOUNT TRANSFER FROM:

ACCOUNT TRANSFER TO:

PRESENTER: Decius T. Aaron

DEPARTMENT: Water

ITEM/PROJECT/EVENT:

ITEM/PROJECT/EVENT: Invitation To Bid (ITB) Number 2022-0018, City of Stockbridge 2021 Water Service Line Replacement- Materials.

BACKGROUND INFORMATION:

The Procurement Division is requesting approval to award a fixed contract to the lowest responsive, responsible bidder, Ferguson Enterprises LLC DBA, Ferguson Waterworks, Invitation To Bid (ITB) Number 2022-0018, for the City of Stockbridge 2021 Water Service Line Replacements- Materials, in the total amount of \$102,512.98.

SIGNATURES:

CITY MANAGER _____

CITY TREASURER _____

CITY ATTORNEY _____

☒ FINANCIAL IMPACT ☐ N/A

AMOUNT \$ 102,512.98

ATTACHMENTS:

STAFF RECOMMENDATION:

The Procurement Division is requesting approval to award a fixed contract to the lowest responsive, responsible bidder, Ferguson Enterprises LLC DBA, Ferguson Waterworks, Invitation To Bid (ITB) Number 2022-0018, for the City of Stockbridge 2021 Water Service Line Replacements- Materials, in the total amount of \$102,512.98.

The Procurement Division solicited Invitation To Bid (ITB) Number 2022-0018, 2021 Water Service Line Replacements- Materials for the City of Stockbridge, to Ferguson Enterprises LLC DBA, Ferguson Waterworks, to replace approximately 356 water service lines on or close to N. Henry Blvd. Service line replacements will be from the water main to the meter box. Some meter boxes may need to be relocated to conform with City of Stockbridge Minimum Development Regulations.

The work to be completed shall consist of furnishing all labor, equipment, and materials not listed in the "Materials List" necessary to locate and install approximately 1,600 linear feet of 2" XLPE water main, approximately 356 water service lines, and abandon the existing service lines complete with tapping saddles, corporation stops, XLPE service tubing, curb stops, service line disinfection, roadway replacement, earthwork, grassing, soil erosion and sediment control measures, and all appurtenances necessary to provide a complete installation.

Section 3.30.100 - Competitive sealed bids, Approval of Bid. All bid awards for amounts greater than fifty thousand dollars (\$50,000.00) (cost or revenue) shall be approved by the City Council.

Exhibit 1- Bid Tabulation

Exhibit 2- Bid Response

Exhibit 3- Invitation To Bid

Fiscal Impact: Funds will be provided from account 320-44200-531140

BID TABULATION FOR ALL BIDS
RECEIVED AT THE CITY OF STOCKBRIDGE
4640 NORTH HENRY BLVD., STOCKBRIDGE, GA 30281
On December 15, 2022 @ 3:00 PM

CARTER & SLOOPE, INC.
CONSULTING ENGINEERS
1031 Stonebridge Parkway
Watkinsville, GA 30677

PROJECT: CITY OF STOCKBRIDGE 2021 Water Service Line Replacements - Materials Bid C&S PROJECT NO.: S9100.043				BIDDERS:	Ferguson Waterworks 6145 Buffington Rd College Park, GA 30349		Macon Supply 2140 Seventh St Macon, GA 31202		Consolidated Pipe and Supply 419 Chapman Rd Byron, GA 31008	
ITEM NO.		EST. QTY.	UNIT	ITEM DESCRIPTION	UNIT PRICE PROPOSED	TOTAL FOR ITEM	UNIT PRICE PROPOSED	TOTAL FOR ITEM	UNIT PRICE PROPOSED	TOTAL FOR ITEM
1	Material Prices									
	a.	1650	LF	2" XLPE SDR 9 Water Main	\$ 7.87	\$ 13,379.00	\$ 2.66	\$ 4,389.00	\$ 9.57	\$ 15,790.50
	b.	16	EA	2" Brass Tee for XLPE	\$ 337.34	\$ 5,397.44	\$ 385.29	\$ 6,164.64	\$ 364.10	\$ 5,825.60
	c.	2	EA	2" x 1" Brass Tee for XLPE	\$ 166.05	\$ 332.10	\$ 194.12	\$ 388.24	\$ 400.00	\$ 800.00
	d.	1900	LF	3/4" XLPE SDR 9 Service Tubing	\$ 0.84	\$ 1,596.00	\$ 0.47	\$ 893.00	\$ 1.03	\$ 1,957.00
	e.	1850	LF	1" XLPE SDR 9 Service Tubing	\$ 1.26	\$ 2,394.00	\$ 1.04	\$ 1,924.00	\$ 1.54	\$ 2,849.00
	f.	20	LF	1 1/2" XLPE SDR 9 Service Tubing	\$ 4.45	\$ 445.00	\$ 1.15	\$ 23.00	\$ 5.47	\$ 109.40
	g.	500	LF	2" XLPE SDR 9 Service Tubing	\$ 7.87	\$ 3,935.00	\$ 2.66	\$ 1,330.00	\$ 9.57	\$ 4,785.00
	h.	2	EA	3/4" Tapping Saddle for 6" Main	\$ 38.80	\$ 77.60	\$ 38.56	\$ 77.12	\$ 77.53	\$ 155.06
	i.	19	EA	1" Tapping Saddle for 6" Main	\$ 38.80	\$ 737.20	\$ 38.56	\$ 732.64	\$ 77.53	\$ 1,473.07
	j.	16	EA	2" Tapping Saddle for 6" Main	\$ 49.15	\$ 786.40	\$ 48.24	\$ 771.84	\$ 84.22	\$ 1,347.52
	k.	47	EA	3/4" Tapping Saddle for 8" Main	\$ 43.80	\$ 2,058.60	\$ 42.42	\$ 1,993.74	\$ 90.17	\$ 4,237.99
	l.	78	EA	1" Tapping Saddle for 8" Main	\$ 42.00	\$ 3,276.00	\$ 42.42	\$ 3,308.76	\$ 90.17	\$ 7,033.26
	m.	1	EA	1 1/2" Tapping Saddle for 8" Main	\$ 59.18	\$ 59.18	\$ 53.29	\$ 53.29	\$ 96.12	\$ 96.12
	n.	9	EA	2" Tapping Saddle for 8" Main	\$ 60.80	\$ 547.20	\$ 53.29	\$ 479.61	\$ 96.12	\$ 865.08
	o.	2	EA	1" Tapping Saddle for 10" Main	\$ 58.75	\$ 117.50	\$ 56.58	\$ 113.16	\$ 108.89	\$ 217.78
	p.	1	EA	2" Tapping Saddle for 10" Main	\$ 79.61	\$ 79.61	\$ 56.39	\$ 56.39	\$ 117.35	\$ 117.35
	q.	317	EA	3/4" Curb Stop	\$ 55.38	\$ 17,555.46	\$ 71.71	\$ 22,732.07	\$ 95.16	\$ 30,165.72
	r.	77	EA	1" Curb Stop	\$ 101.97	\$ 7,851.69	\$ 130.30	\$ 10,033.10	\$ 140.60	\$ 10,826.20
	s.	1	EA	1 1/2" Curb Stop	\$ 253.26	\$ 253.26	\$ 336.26	\$ 336.26	\$ 250.00	\$ 250.00
	t.	12	EA	2" Curb Stop	\$ 335.07	\$ 4,020.84	\$ 410.09	\$ 4,921.08	\$ 424.50	\$ 5,094.00
	u.	53	EA	3/4" Corporation Stop	\$ 59.49	\$ 3,152.97	\$ 52.60	\$ 2,787.80	\$ 44.64	\$ 2,365.92
	v.	101	EA	1" Corporation Stop	\$ 78.22	\$ 7,900.22	\$ 84.82	\$ 8,566.82	\$ 67.61	\$ 6,828.61
	w.	1	EA	1 1/2" Corporation Stop	\$ 182.61	\$ 182.61	\$ 339.29	\$ 339.29	\$ 89.92	\$ 89.92
	x.	34	EA	2" Corporation Stop	\$ 289.97	\$ 9,858.98	\$ 520.31	\$ 17,690.54	\$ 316.95	\$ 10,776.30
	y.	131	EA	1" x 3/4" x 3/4" Yoke for XLPE	\$ 46.46	\$ 6,086.26	\$ 61.24	\$ 8,022.44	\$ 49.50	\$ 6,484.50
	z.	3	EA	1" x 1" x 3/4" Yoke for XLPE	\$ 79.83	\$ 239.49	\$ 61.24	\$ 183.72	\$ 52.00	\$ 156.00
	aa.	24	EA	2" x 1" x 1" Yoke for XLPE	\$ 129.89	\$ 3,117.36	\$ 161.69	\$ 3,880.56	\$ 163.59	\$ 3,926.16
	ab.	1700	LF	2" Sch. 40 PVC (Casing for 1" Service Tubing)	\$ 2.48	\$ 4,216.00	\$ 2.34	\$ 3,978.00	\$ 2.10	\$ 3,570.00
	ac.	220	LF	3" Sch. 40 PVC (Casing for 2" Service Tubing)	\$ 5.00	\$ 1,100.00	\$ 4.67	\$ 1,027.40	\$ 4.05	\$ 891.00
	ad.	3	EA	2" Gate Valve w/ Box	\$ 247.99	\$ 743.97	\$ 527.13	\$ 1,581.39	\$ 340.00	\$ 1,020.00
	ae.	3	EA	Ford Quick Joint Coupling	\$ 95.20	\$ 285.60	\$ 158.89	\$ 476.67	\$ 93.00	\$ 279.00
	af.	3	EA	Valve Markers	\$ 22.48	\$ 67.44	\$ 25.27	\$ 75.81	\$ 13.75	\$ 41.25
	ag.	102	EA	6" Round Plastic Irrigation Valve Box (Height: 8 - 10 inches)	\$ 6.50	\$ 663.00	\$ 4.85	\$ 494.70	\$ 3.05	\$ 311.10
2	Estimated Delivery Time				30 Weeks after issuance of purchase order		30 Weeks after issuance of purchase order		16 - 24 Weeks after issuance of purchase order	
3	Return Policy				Ferguson will be happy to take items back for return and issue refunds provided items are in re-sellable condition. There are no return/restocking fees.		20% restock fee on all returned material within 60 days		If you were to need to return to us, we would determine how that works based off the product and vendor.	
TOTAL BASE BID LUMP SUM, FOR ITEM 1 THE AMOUNT OF:					\$102,512.98		\$109,826.08		\$130,735.41	

Yellow highlighted cells indicate the total price was adjusted to account for a full coil quantity.

Orange highlighted cells indicate a discrepancy between the product of the unit price bid by the item quantity and the given total item price. Total item prices and total base bid lump sums were adjusted in favor of the unit price bid.

I hereby certify that this Bid Tabulation is a true and accurate representation of all Bids received on December 15, 2022.


James Chad Peden PE# 042771

Materials List

Item	Unit.	Est. Qty	Unit Price	Total Price
2" XLPE SDR 9 Water Main	LF	1650	\$ 7.87	\$ 13379.00*
2" Brass Tee for XLPE	EA	16	\$ 337.34	\$ 5397.44
2" x 1" Brass Tee for XLPE	EA	2	\$ 166.05	\$ 332.10
3/4" XLPE SDR 9 Service Tubing	LF	1900	\$.84	\$ 1596.00
1" XLPE SDR 9 Service Tubing	LF	1850	\$ 1.26	\$ 2394.00*
1 1/2" XLPE SDR 9 Service Tubing	LF	20	\$ 4.45	\$ 445.00*
2" XLPE SDR 9 Service Tubing	LF	500	\$ 7.87	\$ 3935.00
3/4" Tapping Saddle for 6" Main	EA	2	\$ 38.80	\$ 77.60
1" Tapping Saddle for 6" Main	EA	19	\$ 38.80	\$ 737.20
2" Tapping Saddle for 6" Main	EA	16	\$ 49.15	\$ 786.40
3/4" Tapping Saddle for 8" Main	EA	47	\$ 43.80	\$ 2058.60
1" Tapping Saddle for 8" Main	EA	78	\$ 42.00	\$ 3276.00
1 1/2" Tapping Saddle for 8" Main	EA	1	\$ 59.18	\$ 59.18
2" Tapping Saddle for 8" Main	EA	9	\$ 60.80	\$ 547.20
1" Tapping Saddle for 10" Main	EA	2	\$ 58.75	\$ 117.50
2" Tapping Saddle for 10" Main	EA	1	\$ 79.61	\$ 79.61
3/4" Curb Stop	EA	317	\$ 55.38	\$ 17555.46
1" Curb Stop	EA	77	\$ 101.97	\$ 7851.69
1 1/2" Curb Stop	EA	1	\$ 253.26	\$ 253.26
2" Curb Stop	EA	12	\$ 335.07	\$ 4020.84
3/4" Corporation Stop	EA	53	\$ 59.49	\$ 3152.97
1" Corporation Stop	EA	101	\$ 78.22	\$ 7900.22
1 1/2" Corporation Stop	EA	1	\$ 182.61	\$ 182.61
2" Corporation Stop	EA	34	\$ 289.97	\$ 9858.98
1" x 3/4" x 3/4" Yoke for XLPE	EA	131	\$ 46.46	\$ 6086.26
1" x 1" x 3/4" Yoke for XLPE	EA	3	\$ 79.83	\$ 239.49
2" x 1" x 1" Yoke for XLPE	EA	24	\$ 129.89	\$ 3117.36
2" Sch. 40 PVC (Casing for 1" Service Tubing)	LF	1700	\$ 2.48	\$ 4216.00
3" Sch. 40 PVC (Casing for 2" Service Tubing)	LF	220	\$ 5.00	\$ 1100.00
2" Gate Valve w/ Box	EA	3	\$ 247.99	\$ 743.97
Ford Quick Joint Coupling	EA	3	\$ 95.20	\$ 285.60
Valve Markers	EA	3	\$ 22.48	\$ 67.44
6" Round Plastic Irrigation Valve Box (Height: 8 - 10 inches)	EA	102	\$ 6.50	\$ 663.00
Total:	*ADJ TO FULL COIL QUANTITY			\$ 102512.98

Delivery Date: 30 weeks after issuance of purchase order.

FERGUSON ENTERPRISES LLC DBA FERGUSON WATERWORKS , 6145 BUFFINGTON ROAD, COLLEGE PARK GA 30349 , 770-774-3247





City of Stockbridge Procurement Division

City of Stockbridge City Hall
4640 North Henry Boulevard
Stockbridge, Ga 30281

SECTION 3.0

3.1 SUBMISSION REQUIREMENTS

All Bidders, including all attachments, must be received by the City in a sealed package no later than **Thursday, December 15th, 2022, at 3:00 PM, EDT** and must be addressed to:

INVITATION TO BID (ITB) NO. 2022
CITY OF STOCKBRIDGE WATER SERVICE LINE REPLACEMENTS-MATERIALS
City of Stockbridge City Hall
4640 North Henry Boulevard Stockbridge, GA 30281
ITB DUE DATE: December 15th, 2022 (3:00P.M) EDT

Responder: Please complete the attached Cost Bid Form and return it with this cover page. The cost Bid must be submitted in a separate, sealed envelope with the Responder's name and "Invitation To Bid No. 2022-0018 CITY OF STOCKBRIDGE WATER SERVICE LINE REPLACEMENTS-MATERIALS " clearly identified on the outside of the envelope.

By signing this page, Responder acknowledges that he has carefully examined and fully understands the Contract, Scope of Work, and other attached documents, and hereby agrees that if his Bid is accepted, he will contract with the City of Stockbridge according to the Invitation To Bid documents.

Please provide the following information:

Name of Firm: FERGUSON ENTERPRISES LLC DBA FERGUSON WATERWORKS

Address: 6145 BUFFINGTON ROAD, COLLEGE PARK GA 30349

Contact Person Submitting Bidder: Robert Paul

Title of Contact Person: MUNICIPAL OUTSIDE SALES

Telephone Number: 678-232-5479

Fax Number: _____

E-mail Address: robert.paul1@ferguson.com

Signature of Contact Person

Title of Contact Person

3.3 PRICE VALIDITY

The prices provided in this Invitation To Bid (ITB) are valid for 120 days from the time of the ITB opening. The City shall award the contract within this period or shall request the recommended awarded vendor an extension to hold pricing, until products/services have been awarded. Successful Bidder awarded shall ensure that proper and sufficient staff, equipment, organization, etc. will be provided for this contract to meet the specifications denoted herein at a paramount level.

BID FORM SIGNATURE(S)

The Corporate Seal of

FERGUSON ENTERPRISES LLC DBA FERGUSON WATERWORKS

(Bidder - print the full name of your firm)

was hereunto affixed in the presence of:

(Authorized signing officer, Title)

(Seal)

(Authorized signing officer, Title)

IF THE BID IS A JOINT VENTURE OR PARTNERSHIP, ADD ADDITIONAL FORMS OF EXECUTION FOREACH MEMBER OF THE JOINT VENTURE IN THE APPROPRIATE FORM OR FORMS AS ABOVE.

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the Secretary of the Corporation named as principal in the within bond; that _____, who Signed the said bond of said corporation: that I know this signature, and his/her signature thereto is genuine; and that said bond was duly signed, sealed, and attested for on behalf of said Corporation by authority of its governing body.

SECRETARY

(CORPORATE SEAL)

SURETY

(SEAL)

BY _____

see attached Corporate Seal

CERTIFICATE OF SIGNATORY AUTHORITY

The undersigned Assistant Secretary of **FERGUSON ENTERPRISES, LLC**, a limited liability company duly organized and existing under the laws of the State of Virginia (the "Company"), hereby certifies that each of the following employees of the Company, individually, is authorized to execute and file on behalf of the Company, any affidavit, lien application, lien, lien waiver, payment application and release of lien necessary to preserve, protect, perfect or remove any encumbrances in or on real or personal property.

Chris Hicks

Name

Chris Hicks

Signature

Market Credit Manager II

Title

The authority referred to above shall remain in full force and effect until the earliest of (i) January 31, 2022, (ii) written notice of revocation of such authority is received or (iii) the above referenced individual terminates employment with the Company.

Subject to the foregoing, the Company's customer relying on this Certificate shall be permitted to treat as authorized all Documents signed by the above referenced individual in the Company's name.

The provisions of this Certificate are in conformity with a resolution adopted by the Board of Directors of the Company. Only the above referenced individuals and all other individuals specifically authorized by the Company, may exercise the authority granted herein.

In witness whereof, I have hereunto subscribed my name and affixed the seal of the Company, this 13th day of January, 2021.



(Company Seal)

COMMONWEALTH OF VIRGINIA
CITY OF NEWPORT NEWS

FERGUSON ENTERPRISES, LLC

Wesley E. Rice

Wesley E. Rice
Assistant Secretary

Sworn to subscribed and acknowledged before me this 13th day of January, 2021, by Wesley E. Rice, personally known to me, in his capacity as Assistant Secretary of Ferguson Enterprises, LLC, a Virginia limited liability company, on behalf of such Company.

Casey R. Mehlhoff
Notary Public - Casey R. Mehlhoff

My commission expires July 31, 2022.



THIS CERTIFICATE IS VOID IF ALTERED IN ANY WAY

FORM 1

NON-COLLUSION BIDDING CERTIFICATE

This Form Must Be Signed and Return with Bid or Bid may be deemed Non-responsive.

By submission of this certificate, each Bidder and each person signing on behalf of any Bidder certifies under penalty of perjury, that to the best of its knowledge and belief:

1. The cost or prices to be negotiated shall have been arrived at independently without collusion, consultation, communication, or agreement, for any purpose of restricting competition as to any matter relating to such costs or prices with any other Bidder or with any competitor.
2. Unless otherwise required by law, the cost, or prices to be negotiated have not been knowingly disclosed by the firm prior to the opening of price negotiations, directly or indirectly to any other Bidder or to any competitor; and,
3. No attempt has been made or will be made by the Bidder to induce any person, partnership, or corporation to submit or not submit a Statement of Qualifications for the purpose of restricting competition.

Robert Paul

Signature of Authorized Agent

Robert Paul - Municipal Outside Sales

Name/Title of Authorized Agent

12/15/2022

Date

FORM 3

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS; PRIMARY COVERED TRANSACTIONS

This Form Must Be Signed and Return with Bid or Bid may be deemed Non-responsive.

The Bidder, FERGUSON WATERWORKS, certifies to the best of its knowledge and that it and its principals: _____ belief,

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal, State, or local department or agency.
2. Have not within a three-year period preceding this Bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or Contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with the commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three-year period preceding this application/Bid had one or more public transactions (Federal, State, or local) terminated for cause or default.

Where the Contractor is unable to certify any of the statements in this certification, such participant shall attach an explanation to this Bid.

The Contractor, _____, certifies or affirms the truthfulness and accuracy of the contents of the statements submitted on or with this Certification and understands that the provisions of 31 U.S.C. Sections 3801 Et Seq., are applicable thereto.

Robert Paul

Signature of Authorized Agent
Robert Paul - Municipal Outside Sales

Name/Title of Authorized Agent

Date

Witness

FORM 4

INELIGIBILITY CERTIFICATE

This Form Must Be Signed and Return with Bid or Bid may be deemed Non-responsive.

I hereby certify that I am a principal and duly authorized agent of

FERGUSON ENTERPRISES LLC, and it is also whose address is

6145 BUFFINGTON ROAD, COLLEGE PARK GA 30349, certifies that the

Contractor, nor any of its Sub-Contractors to be used in performing this Contract, are listed on the list of Ineligible Contractors maintained by the Comptroller General of the United States.



Signature of Authorized Agent

Robert Paul - Municipal Outside Sales

Name/Title of Authorized Agent

12/15/2022

Date

FORM 5

CERTIFICATION OF DRUG-FREE WORKPLACE

This Form Must Be Signed and Return with Bid or Bid may be deemed Non-responsive.

I hereby certify that I am a principal and duly authorized agent of FERGUSON ENTERPRISES LLC, and it is also whose address is 6145 BUFFINGTON ROAD, COLLEGE PARK GA 30349, certifies that:

1. The provisions of Section 50-24-1 through 50-24-6 of the Official Code of Georgia Annotated, relating to the "Drug-Free Workplace Act" have been complied in full; and
2. A drug-free workplace will be provided for the consultant's employees during the performance of the Contract; and
3. Each Sub-Contractor hired by the consultant shall be required to ensure that the Sub-Contractor's employees are provided with a drug-free workplace. The Consultant shall secure from that Sub-Contractor the following written certification: "As part of the Sub-Contracting agreement with the Consultant, certifies to the Consultant that a drug-free workplace will be provided for the Sub-Contractor's employees during the performance of this Contract pursuant to paragraph (7) of subsection (b) of the Official Code of Georgia Annotated Section 50-24-3"; and
4. It is certified that the undersigned will not engage in the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana during the performance of the Contract.



Signature of Authorized Agent

Robert Paul - Municipal Outside Sales

Name/Title of Authorized Agent 14 TH

12/15/2022

Date

FORM 6

CONFLICT OF INTEREST AND PROHIBITION AGAINST CONTINGENT FEES CERTIFICATION

This Form Must Be Signed and Return with Bid or Bid may be Deemed Non-responsive.

I hereby certify that I am a principal and duly authorized agent of FERGUSON ENTERPRISES LLC, and it is also, whose address is 6145 BUFFINGTON ROAD, COLLEGE PARK GA 30349, certifies that to the best of its knowledge there are no circumstances which shall cause a Conflict of Interest in performing services for City of Stockbridge.

Robert Paul

Signature of Authorized Agent

Robert Paul - Municipal Outside Sales

Name/Title of Authorized Agent

12/15/2022

Date

FORM 7

AFFIDAVIT VERIFYING STATUS FOR CITY PUBLIC BENEFIT APPLICATION

By executing this affidavit under oath, as an applicant for the City of Stockbridge, Georgia Business License or Occupational Tax Certificate, Alcohol License, execution of contract or other public benefit as referenced in O.C.G.A. Section 50-36-1, I am stating the following with respect to my application for a City of Stockbridge license/permit and/or contract for:

Robert Paul

Name of Applicant

1) XXX I am a United States citizen

OR

2) _____ I am a legal permanent resident 18 years of age or older or I am an otherwise qualified alien or non-immigrant under the Federal Immigration and Nationality Act 18 years of age or older and lawfully present in the United States. *

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of the O.C.G.A. Code Section 16-10-20.

Signature of Applicant: Robert Paul

Date: 12/15/2022

Printed Name: Robert Paul

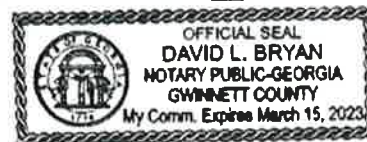
*Alien Registration number for non-citizens:

****PLEASE INCLUDE A COPY OF YOUR PERMANENT RESIDENT CARD, EMPLOYMENT AUTHORIZATION, GREEN CARD, OR PASSPORT WITH A COPY OF YOUR DRIVER'S LICENSE IF YOU ARE A LEGAL PERMANENT RESIDENT.**

Subscribed and Sworn Before Me on this the 14TH Day of DECEMBER, 2022.

Notary Public: David L. Bryan

My Commission Expires: 3-15-2023



*Note: O.C.G.A. Section 50-36-1 (e)(2) requires that aliens under the Federal Immigration and Nationality Act, Title 8 U.S.C., as amended, provide their alien registration number. Because legal permanent residents are included in the federal definition of "alien," legal permanent residents must also provide their alien registration number. Qualified aliens that do not have an alien registration number may supply another identifying number below:

FORM 8

CERTIFICATION REGARDING LOBBYING

This Form Must Be Signed and Return with Bid or Bid may be Deemed Non-responsive.

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of a Local, State or Federal agency, in connection with the awarding of any contract, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any contract, grant, loan, or cooperative agreement.
2. The undersigned shall require that the language of this certification be included in the award documentations for sub-awards at all tiers (including Sub-Contracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of the fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000, and not more than \$100,000 for each such failure. [Note: Pursuant to 31 U.S.C. 1352(c)(1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than \$10,000, and not more than \$100,000 for each such expenditure or failure.]

The Contractor, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. 3801, *et seq.*, apply to this certification and disclosure, if any.

Signature of Contractor's Authorized Agent: Robert Paul

Name and Title of Contractor Authorized Agent: Robert Paul

Date: 12-14-2023 Telephone No: 678-232-5479

Firm or Company Name: FERGUSON ENTERPRISES LLC DBA FERGUSON WATERWORKS

Address: 6145 BUFFINGTON ROAD, COLLEGE PARK GA 30349

FORM 9

BID SUBMITTAL LETTER

This Form Must Be Signed and Return with Bid or Bid may be Deemed Non-responsive.

The undersigned, FERGUSON WATERWORKS, hereby submits its Bid to furnish all labor, materials, equipment, delivered by the undersigned, to the City of Stockbridge, Georgia.

The undersigned acknowledges and agrees that the Bid submitted by the undersigned shall be binding upon the undersigned and that if City of Stockbridge, Georgia, awards the Contract to the undersigned, the Bid made by the undersigned and delivered to City of Stockbridge, Georgia herewith, together with such award, will constitute a legal, valid, and binding Contract between the undersigned and City of Stockbridge, Georgia. The Contract created pursuant to the previous sentence shall incorporate the terms and conditions of the bid including, but not limited to, the bid Scope of Work, Solicitation instructions and Conditions, the Contract Provisions, and the Contractor's Cost Bid, all as described in the bid.

IN WITNESS WHEREOF, the undersigned has duly executed and delivered this Bid Submittal Letter this 14 day of December, 2022

Robert Paul

By

MUNICIPAL OUTSIDE SALES

Title

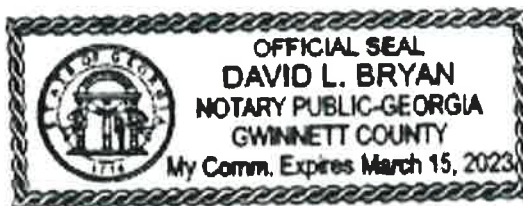
Sworn to and subscribed before me the 14TH day of DECEMBER, 2022.

Notary Public

David L. Bryan
My Commission Expires:

3-15-2023

Date



STATE OF GEORGIA CITY OF STOCKBRIDGE

FORM 10:

GEORGIA SECURITY AND IMMIGRATION CONTRACTOR AFFIDAVIT AND AGREEMENT

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. 13-10-91, stating affirmatively that the individual, firm, or corporation which is engaged in the physical performance of services¹ under a contract with [insert name of prime contractor] on behalf of The City of Stockbridge Government has registered with and is participating in a federal work authorization program^{*,2} in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

The undersigned further agrees that, should it employ or contract with any Sub-Contractor(s) in connection with the physical performance of services to this contract with The City of Stockbridge Government, contractor will secure from such Sub-Contractor(s) similar verification of compliance with O.C.G.A. 13-10-91 on the Sub-Contractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form. The contractor further agrees to maintain records of such compliance and provide a copy of each such verification to The City of Stockbridge Government at the time the Sub-Contractor(s) is retained to perform such service.

1205487

EEV/Basic Pilot Program* User Identification Number

Robert Paul

Robert Paul

BY: Authorized Officer of Agent
(Insert Contractor Name)

MUNICIPAL OUTSIDE SALES

Title of Authorized Officer or Agent of Contractor

Printed Name of Authorized Officer or Agent

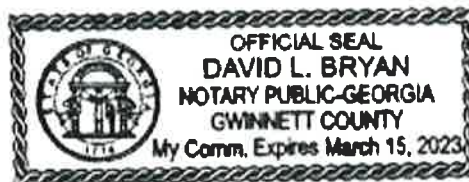
Sworn to and subscribed before me this 14TH day of DECEMBER, 2022

Notary Public:

David L. Bryan

City: NORCROSS

Commission Expires: 3-15-2023



¹O.C.G.A. § 13-10-90(4), as amended by Senate Bill 160, provides that “physical performance of services” means any performance of labor or services for a public employer (e.g., Stockbridge City) using a bidding process (e.g., ITB, ITB, ITB, etc.) or contract wherein the labor or services exceed \$2,499.99, except for those individuals licensed pursuant to title 26 or Title 43 or by the State Bar of Georgia and is in good standing when such contract is for service to be rendered by such individual. ²[Any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603].

FORM 12

CERTIFICATE OF ACCEPTANCE OF A SOLICITATION REQUIREMENTS

This is to certify that on this day, offeror acknowledges that he/she has read this solicitation document, pages # 1 to # 56 inclusive, including any addenda # _____ to # _____ exhibit(s) # _____ to # _____, attachment(s) # _____ to # _____, and/or appendices # _____ to # _____, in its entirety, and agrees that no pages or parts of the document have been omitted, that he/she understands, accepts, and agrees to fully comply with the requirements therein, and that the undersigned is authorized by the offeror to submit the Bid herein and to legally obligate the offeror thereto. This is also to certify that the offeror has reviewed the form Stockbridge City contract included in the solicitation documents and agrees to be bound by its terms, or that the offeror certifies that it is submitting any proposed modification to the contract terms with its Bidder. The offeror further certifies that the failure to submit proposed modifications with the Bid waives the offeror's right to submit proposed modifications later. The offeror also acknowledges that the indemnification and insurance provisions of Stockbridge City's contract included in the solicitation documents are non-negotiable and that proposed modifications to said terms may be reason to declare the offeror's Bid as non-responsive.

Company: FERGUSON WATERWORKS

Signature: Robert Paul

Name: Robert Paul

Title: 12/15/2022
Date:

(Affix Corporate Seal)

**ATTACHMENT 1
ADDENDUM ACKNOWLEDGMENT FORM**

ADDENDA ACKNOWLEDGMENT: The undersigned acknowledges the receipt of the following Addenda:

Addendum #: _____ Dated: **NO ADDENDA**

Addendum #: _____ Dated: _____

Addendum #: _____ Dated: _____

Addendum #: _____ Dated: _____

Addendum #: _____ Dated: _____

Respondent (Company): **FERGUSON WATERWORKS**

Signature (in ink): Robert Paul

Name (Typed/printed): **Robert Paul**

Title: **MUNICIPAL OUTSIDE SALES** Date: **12/15/2022**

Note: If Addendums have been issued, respondents should complete and return this attachment with their Bidder. Failure to do so may result in disqualification of the Bidder.



INVITATION TO BID (ITB) NO. 2022-0019
CITY OF STOCKBRIDGE WATER SERVICE LINE REPLACEMENT



City of Stockbridge Procurement Division
4640 North Henry Boulevard Stockbridge, Ga 30281
December 14, 2022



Where Community Connects

City of Stockbridge Procurement Division

City of Stockbridge City Hall
4640 North Henry Boulevard
Stockbridge, Ga 30281

Dear Vendor:

I thank you for your interest in doing business with the City of Stockbridge. We look forward to a very successful procurement process. Please take notice of the response submittal requirements and the required certification checklist outlined in this solicitation. Please be sure to read and follow the instructions very carefully, as any misinterpretation or failure to comply with instructions may result in dismissal of your submittal. Any changes(s) to this solicitation will be conveyed through the written addenda process. In addition, notification of addenda are posted on the City's website, which is located at <https://www.cityofstockbridge.com/bids.aspx?id=4375&catid=26> and the Georgia Procurement Registry website https://ssl.doas.state.ga.us/PRSapp/PR_index.jsp. Please read carefully and follow all instructions provided in the addendum, as well as the instructions provided in the original solicitation. It is solely the vendor's responsibility to routinely check the City's website at <https://www.cityofstockbridge.com/bids.aspx?id=4375&catid=26> and the Georgia Procurement Registry website https://ssl.doas.state.ga.us/PRSapp/PR_index.jsp for any changing information prior to their reply.

One of the objectives of the Procurement Division is to provide quality and efficient service. If you have any questions, please visit our website or contact the agent of concern. The staff of the City of Stockbridge strives to provide excellent service "while purchasing best for less with the highest level of transparency, efficiency and integrity".

Again, thank you in advance for your continued interest in doing business with the City of Stockbridge.

Sincerely,

A handwritten signature in blue ink that reads "Lindell Y. Miller".

Lindell Y. Miller, C.P.P.O., M.B.A



CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS

2021 Water Service
Line Replacements

for the
CITY OF STOCKBRIDGE
C&S Project No: S9100.043



August 2022



Carter & Sloope

CONSULTING ENGINEERS

1031 Stonebridge Parkway, Watkinsville, Georgia 30677

Phone: 706-769-4119 FAX: 706-769-4546

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© GA COA LICENSE# PEF001004 EXPIRES 6/30/2024

SECTION 00003
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DIVISION 00 – CONTRACTING REQUIREMENTS

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00400 -	Proposal Form
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00470 -	Qualifications of Bidder
00481 -	Noncollusion Affidavit of Prime Bidder
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00622 -	Notice to Proceed
00625 -	Certificate of Substantial Completion
00700 -	General Conditions
00800 -	Supplementary Conditions
00840 -	Administrative and Procedural Items

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01025 -	Measurement and Payment
01030 -	Special Project Provision
01050 -	Surveying and Field Engineering
01070 -	Abbreviations
01200 -	Project Meeting
01300 -	Submittals
01310 -	Construction Schedules
01400 -	Quality Control
01410 -	Testing Service
01510 -	Temporary Utilities
01560 -	Environmental Controls
01570 -	Traffic Control
01605 -	Shipment, Protection, and Storage
01700 -	Restoration of Improvements

01701	-	Contract Closeout Procedures
01710	-	Final Cleanup
01720	-	Project Record Documents
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<u>Section No.</u>	<u>Title</u>
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02264	- Modifications to Existing Structures
02300	- Earthwork
02315	- Excavation, Trenching, and Backfill for Utility Systems
02316	- Rock Removal
02350	- Sheet piling, Shoring, and Bracing
02370	- Soil Erosion and Sediment Control
02505	- Valves, Hydrants and Appurtenances
02510	- Water Distribution
02741	- Removal & Replacement of Existing Pavement
02775	- Sidewalks, Driveways, Curbs, & Gutters
02920	- Grassing

DIVISION 03 – CONCRETE – NOT USED

DIVISION 04 – MASONRY – NOT USED

DIVISION 05 – METALS – NOT USED

DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES – NOT USED

DIVISION 07 – THERMAL AND MOISTURE PROTECTION – NOT USED

DIVISION 08 – OPENINGS – NOT USED

DIVISION 09 – FINISHES – NOT USED

DIVISION 10 – SPECIALTIES – NOT USED

DIVISION 11 – EQUIPMENT – NOT USED

DIVISION 12 – FURNISHINGS – NOT USED

DIVISION 13 – SPECIAL CONSTRUCTION – NOT USED

DIVISION 14 – CONVEYING EQUIPMENT – NOT USED

DIVISION 15 – MECHANICAL – NOT USED

DIVISION 16 – ELECTRICAL – NOT USED

END OF SECTION

INVITATION TO BID

The term “Bid” as used herein includes bid, offer, or proposal as applicable. The term “Bidder” as used herein includes bidder, offeror, or proposer as applicable.
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PART 1. GENERAL

1.1 COMPETITIVE COST SEALED BIDS

Competitive Sealed Bids will be received by the City of Stockbridge, Georgia from prospective Bidders for the City of Stockbridge, Georgia’s “2021 Water Service Line Replacements” project. The ITB Due Date is **3:00 pm EDT on Thursday, January 19, 2023**. All bids should be delivered to the Stockbridge City Hall, 4640 N. Henry Blvd., Stockbridge, GA 30281. Bidders should obtain tracking receipt and provide proof of the receipt via email within three (3) days after Bid Opening date (**Thursday, January 19, 2023 at 3:00 PM**).

This ITB invites Bids from qualified firms, according to the requirements set forth in the contract documents, including the format and content guidelines specified. Bids will be reviewed and evaluated by the City of Stockbridge selection team. The selection team will rank the Responses in the order of most advantageous to the City of Stockbridge, taking into consideration the evaluation factors set forth in the ITB. The evaluation factors shall be the basis on which the final selection / award decision is made. Upon completion of the evaluation process, the City of Stockbridge will contact all Bidders; those rank most qualified may be interviewed or enter into discussions toward Project award.

Due to current health concerns, the City of Stockbridge Procurement Division, will be conducting a Public Bid Opening 100% online! For your convenience, this Public Bid Opening meeting will be live streamed on **Thursday, January 19, 2023 at 3:00 PM, EDT** via Cisco WebEx. Joining the WebEx meeting will allow you to view the vendors responding to each bid and the bid amount submitted from each vendor. This will replace in-person Bid Openings. To view the Public Bid Opening, please visit the City of Stockbridge Procurement Website at: <https://www.cityofstockbridge.com/pview.aspx?id=4640> and click Join Meeting.

Any questions pertaining to the requirements of the Contract Documents and Technical Specifications, either procedural or technical, shall be in writing and are to be submitted to the City of Stockbridge; Attention: Lindell Y. Miller, CPPO via email at ProcurementDivision@cityofstockbridge-ga.gov by **12:00 PM on Friday, January 6, 2023**; Reference: “CITY OF STOCKBRIDGE 2021 Water Service Line Replacements - ITB# 2022-0019”. **Any bid received after said time and date will not be considered by the Owner.** *No bid may be withdrawn after the closing time for the receipt of bids for a period of sixty (60) days except as specifically may be provided in the Instructions to Bidders and/or by State Law.*

Bids will be received for a single prime Contract. Bids shall be on a lump sum and unit price basis as indicated in the Bid Form.

1.2 BACKGROUND

The Owner wishes to replace approximately 356 water service lines on or close to N Henry Blvd. Service line replacements will be from the water main to the meter box. Some meter boxes may need to be relocated to conform with City of Stockbridge Minimum Development Regulations.

In addition, the Owner wishes to install 2" water mains on Fairhaven Ct, Glendale Ct, and Hamilton Glenn. The total length of water mains to be installed will be approximately 1600 LF.

The Owner will provide materials listed in the "Materials List" (see Section 00400 for a list of materials provided).

1.3 SCOPE OF WORK

The work to be completed shall consist of furnishing all labor, equipment, and materials not listed in the "Materials List" necessary to locate and install approximately 1,600 linear feet of 2" XLPE water main, approximately 356 water service lines, and abandon the existing service lines complete with tapping saddles, corporation stops, XLPE service tubing, curb stops, service line disinfection, roadway replacement, earthwork, grassing, soil erosion and sediment control measures, and all appurtenances necessary to provide a complete installation. The Owner will provide materials listed in the "Materials List" in Section 00400.

1.4 CONTRACT TIMES

Time allotted for Substantial Completion of work will be as established by the Bidder. All Work shall be completed in accordance with the plans and specifications. The Work will be awarded in **one (1) Contract**.

The Notice to Proceed date may be negotiated when the selected Contractor provides satisfactory documentation of material lead times or work force commitments.

1.5 BID EVALUATION PANEL AND EVALUATION FACTORS

A panel appointed by the Owner will evaluate bids. Consultants of the Owner may, at the sole discretion of the Owner, evaluate the bids and/or Bidders. The factors to be considered by the panel in the evaluation of bids are listed below.

The Owner will consider responses to the following items in its evaluation of bids and Bidders, listed in order of importance to the Owner in their evaluation process. See *Instructions to Bidders* for more details.

Evaluation Factor	Percentage
Cost to the Owner	65
Time of Completion	25
Qualifications and References	10

1.6 PLANS, SPECIFICATIONS AND CONTRACT DOCUMENTS

Complete digital specifications and contract documents are available at www.QuestCDN.com. You may view the digital plan documents for free by entering the Quest project number 8344545 on the website's project search page. The fee to download the digital documents is **\$100**, payable through the website. Please contact QuestCDN customer support at 952/233-1632 or info@questcdn.com for assistance in membership registration, downloading and working with digital project information. Additionally, plans and contract documents are on file with CARTER & SLOOPE, INC., 1031 Stonebridge Parkway, Watkinsville, Georgia 30677, Phone 706/769-4119 and Fax 706/769-4546. Potential bidders may view plans and contract documents or obtain hard copies of the plans and contract documents from CARTER & SLOOPE, INC. upon payment of \$150; Bidder must provide proof of registration to QuestCDN website before hard copies will be released.

Potential Bidders may also obtain a copy of the Bid and Specifications at the following: 1) City of Stockbridge - <https://www.cityofstockbridge.com/default.aspx>, 2) Georgia Procurement Registry - https://ssl.doas.state.ga.us/PRsapp/PR_index.jsp, and 3) Georgia Municipal Association - <https://www.glga.org/SubmitListing>. Bid is administered by the City of Stockbridge Procurement Division. Any questions pertaining to the requirements of the Contract Documents and Technical Specifications, either procedural or technical, shall be in writing and submitted to the City of Stockbridge; Attention: Lindell Y. Miller, CPPO via email to ProcurementDivision@cityofstockbridge-ga.gov by **12:00 PM on Friday, January 6, 2023; Reference: "CITY OF STOCKBRIDGE 2021 Water Service Line Replacements - RFP# 2022-0019"**.

1.7 CONTRACTOR LICENSE

The Scope of Work as described herein is defined as “utility contracting” in accordance with O.C.G.A 43-14-2(17) so the Contractor performing the work must provide proof of a valid license by the State of Georgia as a “Utility Contractor” and must also employ a “Utility Manager” certification holder who will have oversight of all the work. **Therefore, the Contractor submitting a bid must list the license number of the Contractor performing the utility contracting on the face of the bid envelope and on the bid form and provide proof of a valid license with the bid.** See Instruction to Bidders for additional bidding requirements.

1.8 PRE-BID CONFERENCE

A non-mandatory Pre-Bid Conference will be held online at www.cityofstockbridge.com/procuredivision at 10:00 AM on December 29, 2022. EST. Via Cisco WebEx. Bidders' attendance and participation in the conference is not mandatory.

Representatives of Owner and Engineer will be present to discuss the project. Bidders are strongly encouraged to attend and participate in the conference, but attendance is not mandatory. Engineer will transmit to all prospective Bidders of record such Addenda as Engineer considers necessary in response to questions arising at the conference. Oral statements may not be relied upon and will not be binding or legally effective.

1.9 BONDS

Bids shall be accompanied by a bond or certified cashier's check in an amount not less than 5% of the base bid price. All bonds shall be by a surety company licensed in Georgia with an "A" minimum rating of performance and a financial strength of at least five (5) times the contract price as listed in the most current publication of "Best's Key Rating Guide Property Liability". Performance and Payment Bonds, each in an amount equal to 100% of the contract price shall be required of the successful bidder if contract is awarded. Each Bond shall be accompanied by a "Power of Attorney" authorizing the attorney-in-fact to bind the surety and certified to include the date of the bond.

1.10 ATTACHMENTS TO THIS BID

The following documents are submitted with and made a condition of this Bid;

- A. Required Bid security;
- B. List of Proposed Subcontractors;
- C. List of Proposed Suppliers;
- D. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids;
- E. Utility Contractor License of Contractor performing the work or evidence of Bidder's ability to obtain a Utility Contractor License within the time for acceptance of Bids;
- F. Required Bidder Qualification Statement with supporting data; (Section 00470);
- G. Non collusion Affidavit of Prime Bidder (Section 00481);
- H. Contractor Affidavit and Agreement (Section 00483);
- I. SAVE Affidavit (Section 00485)

1.11 PERMITS

The status of Federal, State, and /or Local permits for this project are as follows:

<u>PERMITS/AGENCIES</u>	<u>STATUS</u>
A. Land Disturbance Permit	Not Required
B. NPDES GAR 100002 (Stormwater)	Not Required
C. GA Environmental Protection Division	Submitted
D. Georgia Department of Transportation	Submitted
E. Building Permit	Not Required

1.12 EASEMENTS & RIGHTS-OF-WAY

All easements and rights-of-way for permanent installations have been obtained or will be obtained by the Owner prior to issuing the Notice to Proceed.

1.13 FUNDING SOURCES

Funding is to be provided by local funds.

1.14 RESERVATION OF RIGHTS

Owner reserves the right to reject any or all Bids, including without limitation, the rights to reject any or all nonconforming, nonresponsive, unbalanced or conditional Bids and to reject the Bid of any Bidder if Owner believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the Owner.

CITY OF STOCKBRIDGE
OWNER
END OF SECTION

SECTION 00200
INSTRUCTIONS TO BIDDERS FOR CONSTRUCTION CONTRACT
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The term “Bid” as used herein includes bid, offer, or proposal as applicable.

SECTION 00200
INSTRUCTIONS TO BIDDERS FOR CONSTRUCTION CONTRACT

ARTICLE 1—DEFINED TERMS

- 1.01 Terms used in these Instructions to Bidders have the meanings indicated in the General Conditions and Supplementary Conditions. Additional terms used in these Instructions to Bidders have the meanings indicated below:
- A. *Issuing Office*—The office from which the Bid Documents are to be issued, and which registers plan holders. For this project, Carter & Sloope, Inc. located at 1031 Stonebridge Parkway, Watkinsville, GA 30677 is the issuing office.
 - B. *Bidder* – One who submits a Bid directly to Owner as distinct from a sub-Bidder, who submits a bid to an Bidder.
 - C. *Successful Bidder* – The lowest, responsible and responsive Bidder to whom Owner (on the basis of Owner’s evaluation as hereinafter provided) makes an award.
 - D. *Bid* – A Complete and properly signed offer to execute work for the prices stipulated in Bid Form and submitted in accordance with the Bid documents.
 - E. *Addenda* – Graphic or written documents issued by Engineer prior to the opening of Bids issued to clarify, revise and to, or delete information in the original bid documents or in previous addenda.

ARTICLE 2—BID DOCUMENTS

- 2.01 Bidder shall obtain a complete set of Bid Requirements and proposed Contract Documents (together, the Bid documents). See the Agreement for a list of the Contract Documents. It is Bidder’s responsibility to determine that it is using a complete set of documents in the preparation of a Bid. Bidder assumes sole responsibility for errors or misinterpretations resulting from the use of incomplete documents by Bidder itself, or by its prospective Subcontractors and Suppliers.
- 2.02 Bid documents are made available for the sole purpose of obtaining Bids for completion of the Project, and permission to download or distribution of the Bid documents does not confer a license or grant permission or authorization for any other use. Authorization to download documents, or other distribution, includes the right for plan holders to print documents solely for their use, and the use of their prospective Subcontractors and Suppliers, provided the plan holder pays all costs associated with printing or reproduction. Printed documents may not be re-sold under any circumstances.
- 2.03 Owner has established a Bid documents Website as indicated in the Advertisement or invitation to bid. Owner recommends that Bidder register as a plan holder with the Issuing Office at such website, and obtain a complete set of the Bid documents from such website. Bidders may rely on that sets of Bid documents obtained from the Bid documents Website are complete, unless an omission is blatant. Registered plan holders will receive Addenda issued by Owner.
- 2.04 Bidder may register as a plan holder and obtain complete sets of Bid documents, in the number and format stated in the Advertisement or invitation to bid, from the Issuing Office. Bidders may

rely on that sets of Bid documents obtained from the Issuing Office are complete, unless an omission is blatant. Registered plan holders will receive Addenda issued by Owner.

- 2.05 Plan rooms (including construction information subscription services, and electronic and virtual plan rooms) that may distribute the Bid documents, or make them available for examination are not associated with the Bid documents website. Those prospective bidders that obtain an electronic (digital) copy of the Bid documents from a plan room must register as plan holders from the Bid documents Website or Issuing Office. Owner is not responsible for omissions in Bid documents or other documents obtained from plan rooms, or for a Bidder's failure to obtain Addenda from a plan room. Only plan holders registered with the Bid documents Website shall be eligible to submit a Bid.

2.06 *Electronic Documents*

- A. When the Bid Requirements indicate that electronic (digital) copies of the Bid documents are available, such documents will be made available to the Bidders as Electronic Documents in the manner specified.
1. Bid documents will be provided in Adobe PDF (Portable Document Format) (.pdf) that is readable by Adobe Acrobat Reader Version XI or later. It is the intent of the Engineer and Owner that such Electronic Documents are to be exactly representative of the paper copies of the documents. However, because the Owner and Engineer cannot totally control the transmission and receipt of Electronic Documents nor the Contractor's means of reproduction of such documents, the Owner and Engineer cannot and do not guarantee that Electronic Documents and reproductions prepared from those versions are identical in every manner to the paper copies.
- B. Unless otherwise stated in the Bid documents, the Bidder may use and rely upon complete sets of Electronic Documents of the Bid documents, described in Paragraph 2.05.A above. However, Bidder assumes all risks associated with differences arising from transmission/receipt of Electronic Documents versions of Bid documents and reproductions prepared from those versions and, further, assumes all risks, costs, and responsibility associated with use of the Electronic Documents versions to derive information that is not explicitly contained in printed paper versions of the documents, and for Bidder's reliance upon such derived information.
- C. After the Contract is awarded, the Owner will provide or direct the Engineer to provide for the use of the Contractor documents that were developed by Engineer as part of the Project design process, as Electronic Documents in native file formats.
1. Electronic Documents that are available in native file format include:
 - a. Contractor's Application for Payment
 - b. Proposed Staking Plan
 2. Release of such documents will be solely for the convenience of the Contractor. No such document is a Contract Document.
 3. Unless the Contract Documents explicitly identify that such information will be available to the Successful Bidder (Contractor), nothing herein will create an obligation on the part of the Owner or Engineer to provide or create such information, and the Contractor is not entitled to rely on the availability of such information in the preparation of its Bid or pricing of the Work. In all cases, the Contractor shall take appropriate measures to

verify that any electronic/digital information provided in Electronic Documents is appropriate and adequate for the Contractor's specific purposes.

4. In no case will the Contractor be entitled to additional compensation or time for completion due to any differences between the actual Contract Documents and any related document in native file format.

ARTICLE 3—QUALIFICATIONS OF BIDDERS

- 3.01 Bidder is to submit the following information with its Bid to demonstrate Bidder's qualifications to perform the Work:
- A. Written evidence establishing its qualifications such as financial data, previous experience, and present commitments.
 - B. A written statement that Bidder is authorized to do business in the state where the Project is located, or a written certification that Bidder will obtain such authority prior to the Effective Date of the Contract.
 - C. Bidder's state, Utility Contractor License, or other contractor license number, if applicable.
 - D. Subcontractor and Supplier qualification information.
 - E. Other required information regarding qualifications.
 - F. Each Bidder must prepare the Qualifications of Bidder Documents (Section 00470) and include the document as part of the Bid Submittal.
- 3.02 A Bidder's failure to submit required qualification information within the times indicated may disqualify Bidder from receiving an award of the Contract.
- 3.03 No requirement in this Article 3 to submit information will prejudice the right of Owner to seek additional pertinent information regarding Bidder's qualifications.

ARTICLE 4—PRE-BID CONFERENCE

- 4.01 A non-mandatory Pre-Bid Conference will be held online at www.cityofstockbridge.com/procuredivision at 10:00 AM on December 29, 2022. EST. Via Cisco WebEx.

ARTICLE 5—SITE AND OTHER AREAS; EXISTING SITE CONDITIONS; EXAMINATION OF SITE; OWNER'S SAFETY PROGRAM; OTHER WORK AT THE SITE

- 5.01 *Site and Other Areas*
- A. The Site is identified in the Bid documents. By definition, the Site includes rights-of-way, easements, and other lands furnished by Owner for the use of the Contractor. Any additional lands required for temporary construction facilities, construction equipment, or storage of materials and equipment, and any access needed for such additional lands, are to be obtained and paid for by Contractor.
- 5.02 *Existing Site Conditions*
- A. *Subsurface and Physical Conditions; Hazardous Environmental Conditions*

1. The Supplementary Conditions identify the following regarding existing conditions at or adjacent to the Site:
 - a. Those reports of explorations and tests of subsurface conditions at or adjacent to the Site that contain Technical Data.
 - b. Those drawings known to Owner of existing physical conditions at or adjacent to the Site, including those drawings depicting existing surface or subsurface structures at or adjacent to the Site (except Underground Facilities), that contain Technical Data.
 - c. Reports and drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site.
 - d. Technical Data contained in such reports and drawings.
 2. Owner will make copies of reports and drawings referenced above available to any Bidder on request. These reports and drawings are not part of the Contract Documents, but the Technical Data contained therein upon whose accuracy Bidder is entitled to rely, as provided in the General Conditions, has been identified and established in the Supplementary Conditions. Bidder is responsible for any interpretation or conclusion Bidder draws from any Technical Data or any other data, interpretations, opinions, or information contained in such reports or shown or indicated in such drawings.
 3. If the Supplementary Conditions do not identify Technical Data, the default definition of Technical Data set forth in Article 1 of the General Conditions will apply.
- B. *Underground Facilities:* Underground Facilities are shown or indicated on the Drawings, pursuant to Paragraph 5.05 of the General Conditions, and not in the drawings referred to in Paragraph 5.02.A of these Instructions to Bidders. Information and data regarding the presence or location of Underground Facilities are not intended to be categorized, identified, or defined as Technical Data.

5.03 *Other Site-related Documents*

- A. No other site-related documents are available.

5.04 *Site Visit and Testing by Bidders*

- A. Bidder is required to visit the Site and conduct a thorough visual examination of the Site and adjacent areas. During the visit the Bidder must not disturb any ongoing operations at the Site.
- B. Bidders visiting the Site are required to arrange their own transportation to the Site.
- C. Bidder is not required to conduct any subsurface testing, or exhaustive investigations of Site conditions.
- D. On request, and to the extent Owner has control over the Site, and schedule permitting, the Owner will provide Bidder general access to the Site to conduct such additional examinations, investigations, explorations, tests, and studies as Bidder deems necessary for preparing and submitting a successful Bid. Owner will not have any obligation to grant such access if doing so is not practical because of existing operations, security or safety concerns, or restraints on Owner's authority regarding the Site. Bidder is responsible for establishing access needed to reach specific selected test sites.

- E. Bidder must comply with all applicable Laws and Regulations regarding excavation and location of utilities, obtain all permits, and comply with all terms and conditions established by Owner or by property owners or other entities controlling the Site with respect to schedule, access, existing operations, security, liability insurance, and applicable safety programs.
- F. Bidder must fill all holes and clean up and restore the Site to its former condition upon completion of such explorations, investigations, tests, and studies.

5.05 *Owner's Safety Program*

- A. Site visits and work at the Site may be governed by an Owner safety program. If an Owner safety program exists, it will be noted in the Supplementary Conditions.

5.06 *Other Work at the Site*

- A. Reference is made to Article 8 of the Supplementary Conditions for the identification of the general nature of other work of which Owner is aware (if any) that is to be performed at the Site by Owner or others (such as utilities and other prime contractors) and relates to the Work contemplated by these Bid documents. If Owner is party to a written contract for such other work, then on request, Owner will provide to each Bidder access to examine such contracts (other than portions thereof related to price and other confidential matters), if any.

ARTICLE 6—BIDDER'S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Express Representations and Certifications in Bid Form, Agreement*

- A. The Bid Form that each Bidder will submit contains express representations regarding the Bidder's examination of Project documentation, Site visit, and preparation of the Bid, and certifications regarding lack of collusion or fraud in connection with the Bid. Bidder should review these representations and certifications, and assure that Bidder can make the representations and certifications in good faith, before executing and submitting its Bid.
- B. If Bidder is awarded the Contract, Bidder (as Contractor) will make similar express representations and certifications when it executes the Agreement.

ARTICLE 7—INTERPRETATIONS AND ADDENDA

- 7.01 Owner on its own initiative may issue Addenda to clarify, correct, supplement, or change the Bid documents.
- 7.02 Bidder shall submit all questions about the meaning or intent of the Bid documents to Engineer, via the owner in writing. Contact information and submittal procedures for such questions are as follows:
 - A. Questions to Engineer or Owner may be submitted through the Owner's Website or by email to Lindell Miller, CPPO at ProcurementDivision@cityofstockbridge-ga.gov by the deadline as described on the Invitation to Bid.
- 7.03 Interpretations or clarifications considered necessary by Engineer in response to such questions will be issued by Addenda delivered to all registered plan holders. Questions received after the question deadline may not be answered.
- 7.04 Only responses set forth in an Addendum will be binding. Oral and other interpretations or

clarifications will be without legal effect. Responses to questions are not part of the Contract Documents unless set forth in an Addendum that expressly modifies or supplements the Contract Documents.

ARTICLE 8—BID SECURITY

- 8.01 A Bid must be accompanied by Bid security made payable to Owner in an amount of ten percent of Bidder's maximum Bid price (determined by adding the base bid and all alternates) and in the form of a Bid bond issued by a surety meeting the requirements of Paragraph 6.01 of the General Conditions. Such Bid bond will be issued in the form included in the Bid documents.
- A. The Surety Company must be licensed in the State of Georgia with an "A" minimum rating of performance and financial strength of at least five times the contract price as listed in the most current publication of "Best Key Ratings Guide Property Liability".
- 8.02 The Bid security of the apparent Successful Bidder will be retained until Owner awards the contract to such Bidder, and such Bidder has executed the Contract, furnished the required Contract security, and met the other conditions of the Notice of Award, whereupon the Bid security will be released. If the Successful Bidder fails to execute and deliver the Contract and furnish the required Contract security within 15 days after the Notice of Award, Owner may consider Bidder to be in default, annul the Notice of Award, and the Bid security of that Bidder will be forfeited, in whole in the case of a penal sum bid bond, and to the extent of Owner's damages in the case of a damages-form bond. Such forfeiture will be Owner's exclusive remedy if Bidder defaults.
- 8.03 The Bid security of other Bidders that Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the earlier of 7 days after the Effective Date of the Contract or 61 days after the Bid opening, whereupon Bid security furnished by such Bidders will be released.
- 8.04 Bid security of other Bidders that Owner believes do not have a reasonable chance of receiving the award will be released within 7 days after the Bid opening.

ARTICLE 9—CONTRACT TIMES

- 9.01 The number of days within which, or the dates by which, the Work is to be (a) substantially completed and (b) ready for final payment, and (c) Milestones (if any) are to be achieved, are set forth in the Agreement.
- 9.02 Provisions for liquidated damages, if any, for failure to timely attain a Milestone, Substantial Completion, or completion of the Work in readiness for final payment, are set forth in the Agreement.

ARTICLE 10—SUBSTITUTE AND "OR EQUAL" ITEMS

- 10.01 The Contract for the Work, as awarded, will be on the basis of Base Bid materials and equipment specified or described in the Bid documents without consideration during the bid and Contract award process of possible substitute or "or-equal" items. In cases in which the Contract allows the Contractor to request that Engineer authorize the use of a substitute or "or-equal" item of material or equipment, application for such acceptance may not be made to and will not be considered by Engineer until after the Effective Date of the Contract.

SECTION 00200 - 7
INSTRUCTIONS TO BIDDERS

- 10.02 All prices that Bidder sets forth in its Bid will be based on the presumption that the Contractor will furnish the materials and equipment specified or described in the Bid documents, as supplemented by Addenda. Any assumptions regarding the possibility of post-Bid approvals of “or-equal” or substitution requests are made at Bidder’s sole risk.
- 10.03 *If an award is made, Contractor shall be allowed to submit proposed substitutes and “or-equals” in accordance with the General Conditions.*

ARTICLE 11—SUBCONTRACTORS, SUPPLIERS, AND OTHERS

- 11.01 Each Bidder, must submit to Owner a list of the Subcontractors or Suppliers proposed for the Work at the time of Bid Submittal in accordance with Section 00470 – Qualifications of Bidders:
- 11.02 Such list must be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such Subcontractor or Supplier. If Owner or Engineer, after due investigation, has reasonable objection to any proposed Subcontractor or Supplier, Owner may, before the Notice of Award is given, request apparent Successful Bidder to submit an acceptable substitute, in which case apparent Successful Bidder will submit a substitute, Bidder’s Bid price will be increased (or decreased) by the difference in cost occasioned by such substitution, and Owner may consider such price adjustment in evaluating Bids and making the Contract award.
- 11.03 If apparent Successful Bidder declines to make any such substitution, Owner may award the Contract to the next lowest Bidder that proposes to use acceptable Subcontractors and Suppliers. Declining to make requested substitutions will constitute grounds for forfeiture of the Bid security of any Bidder. Any Subcontractor or Supplier, so listed and against which Owner or Engineer makes no written objection prior to the giving of the Notice of Award will be deemed acceptable to Owner and Engineer subject to subsequent revocation of such acceptance as provided in Paragraph 7.07 of the General Conditions.
- 11.04 *Contractor shall not be required to employ any Subcontractor, Supplier, individual, or entity against whom Contractor has reasonable rejection.*
- 11.05 *The Contractor shall not award work to Subcontractor(s) in excess of the limits stated in SC 7.07.*

ARTICLE 12—PREPARATION OF BID

- 12.01 The Bid Form is included with the Bid documents.
- A. All blanks on the Bid Form must be completed in ink and the Bid Form signed in ink. Erasures or alterations must be initialed in ink by the person signing the Bid Form. A Bid price must be indicated for each section, Bid item, alternate, adjustment unit price item, and unit price item listed therein.
- B. If the Bid Form expressly indicates that submitting pricing on a specific alternate item is optional, and Bidder elects to not furnish pricing for such optional alternate item, then Bidder may enter the words “No Bid” or “Not Applicable.”
- 12.02 If Bidder has obtained the Bid documents as Electronic Documents, then Bidder shall prepare its Bid on a paper copy of the Bid Form printed from the Electronic Documents version of the Bid documents. The printed copy of the Bid Form must be clearly legible, printed on 8½ inch by 11-inch paper and as closely identical in appearance to the Electronic Document version of the Bid Form as may be practical. The Owner reserves the right to accept Bid Forms which nominally vary

-
- in appearance from the original paper version of the Bid Form, providing that all required information and submittals are included with the Bid.
- 12.03 A Bid by a corporation must be executed in the corporate name by a corporate officer (whose title must appear under the signature), accompanied by evidence of authority to sign. The corporate address and state of incorporation must be shown.
- 12.04 A Bid by a partnership must be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The official address of the partnership must be shown.
- 12.05 A Bid by a limited liability company must be executed in the name of the firm by a member or other authorized person and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown.
- 12.06 A Bid by an individual must show the Bidder's name and official address.
- 12.07 A Bid by a joint venture must be executed by an authorized representative of each joint venturer in the manner indicated on the Bid Form. The joint venture must have been formally established prior to submittal of a Bid, and the official address of the joint venture must be shown.
- 12.08 All names must be printed in ink below the signatures.
- 12.09 The Bid must contain an acknowledgment of receipt of all Addenda, the numbers of which must be filled in on the Bid Form.
- 12.10 Postal and e-mail addresses and telephone number for communications regarding the Bid must be shown.
- 12.11 The Bid must contain evidence of Bidder's authority to do business in the state where the Project is located, or Bidder must certify in writing that it will obtain such authority within the time for acceptance of Bids and attach such certification to the Bid.
- 12.12 If Bidder is required to be licensed to submit a Bid or perform the Work in the state where the Project is located, the Bid must contain evidence of Bidder's licensure, or Bidder must certify in writing that it will obtain such licensure within the time for acceptance of Bids and attach such certification to the Bid. Bidder's state contractor license number, if any, must also be shown on the Bid Form.

ARTICLE 13—BASIS OF BID

13.01 Unit Price

- A. Bidders must submit a Bid on a unit price basis for each item of Work listed in the unit price section of the Bid Form.
- B. The "Bid Price" (sometimes referred to as the extended price) for each unit price Bid item will be the product of the "Estimated Quantity", which Owner or its representative has set forth in the Bid Form, for the item and the corresponding "Bid Unit Price" offered by the Bidder. The total of all unit price Bid items will be the sum of these "Bid Prices"; such total will be used by Owner for Bid comparison purposes. The final quantities and Contract Price will be determined in accordance with Paragraph 13.03 of the General Conditions.

-
- C. Discrepancies between the multiplication of units of Work and unit prices will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

13.02 Allowances

- A. For cash allowances the Bid price must include such amounts as the Bidder deems proper for Contractor's overhead, costs, profit, and other expenses on account of cash allowances, if any, named in the Contract Documents, in accordance with Paragraph 13.02.B of the General Conditions.

ARTICLE 14—SUBMITTAL OF BID

- 14.01 The Bid documents include one separate unbound copy of the Bid Form, and, if required, the Bid Bond Form. The unbound copy of the Bid Form is to be completed and submitted with the Bid security and the other documents required to be submitted under the terms of Article 2 of the Bid Form.
- 14.02 A Bid must be received no later than the date and time prescribed and at the place indicated in the Advertisement or invitation to bid and must be enclosed in a plainly marked package with the Project title, and, if applicable, the designated portion of the Project for which the Bid is submitted, the name and address of Bidder, and must be accompanied by the Bid security and other required documents. If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid must be enclosed in a separate package plainly marked on the outside with the notation "BID ENCLOSED." A mailed Bid must be addressed to the location designated in the Advertisement.
- 14.03 Bids received after the date and time prescribed for the opening of bids, or not submitted at the correct location or in the designated manner, will not be accepted and will be returned to the Bidder unopened.

ARTICLE 15—MODIFICATION AND WITHDRAWAL OF BID

- 15.01 If An unopened Bid may be withdrawn by an appropriate document duly executed in the same manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids. Upon receipt of such notice, the unopened Bid will be returned to the Bidder.
- 15.02 If a Bidder wishes to modify its Bid prior to Bid opening, Bidder must withdraw its initial Bid in the manner specified in Paragraph 15.01 and submit a new Bid prior to the date and time for the opening of Bids.
- 15.03 If within 24 hours after Bids are opened any Bidder files a duly signed written notice with Owner and promptly thereafter demonstrates to the reasonable satisfaction of Owner that there was a material and substantial mistake in the preparation of its Bid, the Bidder may withdraw its Bid, and the Bid security will be returned. Thereafter, if the Work is rebid, the Bidder will be disqualified from further bidding on the Work.

ARTICLE 16—OPENING OF BIDS

- 16.01 Bids will be opened at the time and place indicated in the advertisement or invitation to bid and, unless obviously non-responsive, read aloud publicly. An abstract of the amounts of the base Bids and major alternates, if any, will be made available to Bidders after the opening of Bids.

ARTICLE 17—BIDS TO REMAIN SUBJECT TO ACCEPTANCE

- 17.01 All Bids will remain subject to acceptance for the period of time stated in the Bid Form, but Owner may, in its sole discretion, release any Bid and return the Bid security prior to the end of this period.

ARTICLE 18—EVALUATION OF BIDS AND AWARD OF CONTRACT

- 18.01 Owner reserves the right to reject any or all Bids, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. Owner will reject the Bid of any Bidder that Owner finds, after reasonable inquiry and evaluation, to not be responsible. If Bidder purports to add terms or conditions to its Bid, takes exception to any provision of the Bid Documents, or attempts to alter the contents of the Contract Documents for purposes of the Bid, then the Owner will reject the Bid as nonresponsive; provided that Owner also reserves the right to waive all minor informalities not involving price, time, or changes in the Work.
- 18.02 If Owner awards the contract for the Work, such award shall be to the responsible Bidder submitting the most successful (highest ranking) bid.
- 18.03 Evaluation of Bids

- A. In evaluating Bids, Owner will consider whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices, and other data, as may be requested in the Bid Form or prior to the Notice of Award.
- B. Evaluation Factors

A panel appointed by the Owner will evaluate bids. Consultants of the Owner may, at the sole discretion of the Owner, evaluate the bids and/or Bidders. The factors to be considered by the panel in the evaluation of bids are listed below.

The Owner will consider responses to the following items in its evaluation of bids and Bidders, listed in order of importance to the Owner in their evaluation process.

<i>Evaluation Factor</i>	<i>Points</i>
<i>Cost to the Owner</i>	<i>65</i>
<i>Time of Completion</i>	<i>25</i>
<i>References and Qualifications</i>	<i>10</i>

- 18.04 In evaluating whether a Bidder is responsible, Owner will consider the qualifications of the Bidder and may consider the qualifications and experience of Subcontractors and Suppliers proposed for

those portions of the Work for which the identity of Subcontractors and Suppliers must be submitted as provided in the Bid Documents.

- 18.05 Owner may conduct such investigations as Owner deems necessary to establish the responsibility, qualifications, and financial ability of Bidders and any proposed Subcontractors or Suppliers.

ARTICLE 19—BONDS AND INSURANCE

- 19.01 Article 6 of the General Conditions, as may be modified by the Supplementary Conditions, sets forth Owner's requirements as to performance and payment bonds, other required bonds (if any), and insurance. When the Successful Bidder delivers the executed Agreement to Owner, it must be accompanied by required bonds and insurance documentation.
- 19.02 Article 8, Bid Security, of these Instructions, addresses any requirements for providing bid bonds as part of the bidding process.

ARTICLE 20—SIGNING OF AGREEMENT

- 20.01 When Owner issues a Notice of Award to the Successful Bidder, it will be accompanied by the unexecuted counterparts of the Agreement along with the other Contract Documents as identified in the Agreement. Within 15 days thereafter, Successful Bidder must execute and deliver the required number of counterparts of the Agreement and any bonds and insurance documentation required to be delivered by the Contract Documents to Owner. Within 10 days thereafter, Owner will deliver one fully executed counterpart of the Agreement to Successful Bidder, together with printed and electronic copies of the Contract Documents as stated in Paragraph 2.02 of the General Conditions.

ARTICLE 21—SALES AND USE TAXES - NONE

ARTICLE 22—CONTRACTS TO BE ASSIGNED - NONE

ARTICLE 23—MODIFICATIONS OF QUANTITIES

- 23.01 If the lowest certified Bid exceeds the money available for the work, the Owner reserves the right to delete enough of the work to bring the costs within the available funds. The Owner also reserves the right to delete whichever items or portions of items considered to be in the best interest of the Owner.

ARTICLE 24—LAWS AND REGULATIONS

- 24.01 The Contractor shall comply with local, District, County, State and Federal laws applicable to the work.

The Contractor shall comply with the Department of Labor Safety and Health Regulations for Construction promulgated under the Occupational Safety and Health Act of 1970 (PL 91-596) and under Section 107 of the Contract Work and Safety Standards Act (PL 91-54). The regulations are administered by the Department of Labor and the Contractor shall allow access to the project to personnel from that Department.

ARTICLE 25—CONTRACTOR'S AND SUBCONTRACTOR'S INSURANCE

SECTION 00200 - 12
INSTRUCTIONS TO BIDDERS

- 25.01 Contractor shall not commence work under this contract until all insurance required by the Supplemental Conditions have been obtained.

END OF SECTION

SECTION 00400
BID FORM
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SECTION 00400
BID FORM

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

The term “Bid” as used herein includes a bid, offer, or proposal as applicable.

ARTICLE 1—OWNER AND BIDDER

1.01 This Bid is submitted to:

City of Stockbridge
4640 North Henry Blvd.
Stockbridge, GA 30281

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bid Documents to perform all Work as specified or indicated in the Bid Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bid documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

2.01 The following documents are submitted with and made a condition of this Bid:

- A. Required Bid security;
- B. List of Proposed Subcontractors;
- C. List of Proposed Suppliers
- D. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids;
- E. Utility Contractor License of Contractor performing the work or evidence of Bidder’s ability to obtain a Utility Contractor License within the tie for acceptance of Bids;
- F. Required Bidder Qualification Statement with supporting data; (Section 00470);
- G. Non collusion Affidavit of Prime Bidder (Section 00481);
- H. Contractor Affidavit and Agreement (Section 00483)
- I. SAVE Affidavit (Section 00485)

ARTICLE 3—BASIS OF BID**3.01 Unit Price Bids**

- A. Bidder will perform the following Work at the indicated unit prices. Note that materials are provided by the Owner for Items 2.1 – 2.26 (See Materials List on Section 00400 - 5). The Contractor is responsible for furnishing any materials required that are not provided by the Owner.

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
1. Soil Erosion & Sediment Control					
1.1	Grassing - Sod	SY	2,200	\$	\$
1.2	Sd2-P, Inlet Sediment Trap	EA	3	\$	\$
2. Water Distribution System					
2.1	2" XLPE Water Main	LF	1,650	\$	\$
2.2	2" Free Bore (No casing)	LF	550	\$	\$
2.3	2" Free Bore (Including PVC casing, etc.)	LF	1,700	\$	\$
2.4	3" Free Bore (Including PVC casing, etc.)	LF	220	\$	\$
2.5	2" Gate Valve w/ Box	EA	3	\$	\$
2.6	Connect to Existing 6" Water Main	EA	3	\$	\$
2.7	¾" Service Connection to 6" Main (Including tapping saddle, corporation stop, etc.)	EA	2	\$	\$
2.8	¾" Service Connection to 8" Main (Including tapping saddle, corporation stop, etc.)	EA	47	\$	\$
2.9	¾" Service Connection to 10" Main (Including tapping saddle, corporation stop, etc.)	EA	2	\$	\$
2.10	1" Service Connection to 2" Main (Including brass tee, corporation stop, etc.)	EA	2	\$	\$
2.11	1" Service Connection to 6" Main (Including tapping saddle, corporation stop, etc.)	EA	19	\$	\$
2.12	1" Service Connection to 8" Main (Including tapping saddle, corporation stop, etc.)	EA	78	\$	\$
2.13	1" Service Connection to 10" Main (Including tapping saddle, corporation stop, etc.)	EA	2	\$	\$
2.14	1 ½" Service Connection to 8" Main (Including tapping saddle, corporation stop, etc.)	EA	1	\$	\$
2.15	2" Service Connection to 2" Main (Including brass tee, corporation stop, curb stops, etc.)	EA	13	\$	\$
2.16	2" Service Connection to 6" Main (Including tapping saddle, corporation stop, etc.)	EA	13	\$	\$
2.17	2" Service Connection to 8" Main (Including tapping saddle, corporation stop, etc.)	EA	9	\$	\$
2.18	2" Service Connection to 10" Main (Including tapping saddle, corporation stop, etc.)	EA	1	\$	\$
2.19	Service Line Installation (Single-set)	EA	82	\$	\$
2.20	Service Line Installation (Double-set)	EA	81	\$	\$
2.21	Service Line Installation (Triple-set)	EA	2	\$	\$
2.22	Service Line Installation (Quadruple-set)	EA	23	\$	\$
2.23	Service Line Installation (Quintuple-set)	EA	1	\$	\$
2.24	Abandon Existing Service Connection	EA	200	\$	\$
2.25	Relocate Existing Water Meter	EA	35	\$	\$

SECTION 00400 – 4

BID FORM

2.26	Reconnect Existing Water Meter	EA	321	\$	\$
3. Pavements					
3.1	Asphalt Roadway Repair/Replacement	LF	250	\$	\$
3.2	30" Concrete Curb & Gutter	LF	150	\$	\$
3.3	24" Concrete Curb & Gutter	LF	250	\$	\$
3.4	5' Concrete Sidewalk	LF	1,600	\$	\$
4. Allowances					
4.1	Supplemental Work Allowance	LS	1	\$20,000.00	\$20,000.00
Total of All Unit Price Bid Items					\$

B. Bidder acknowledges that:

1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

- 3.02 The City of Stockbridge will provide the following materials to the awarded contractor. The materials will be stored at the Public Works building in Stockbridge and will be available to the contractor. The contractor will be responsible for coordinating with City personnel to gain access to the materials and responsible for transporting the materials as well. The contractor will be responsible for furnishing all other materials required for completion of the project.

Materials List

Item	Unit.	Est. Qty
2" XLPE SDR 9 Water Main	LF	1650
2" Brass Tee for XLPE	EA	16
2" x 1" Brass Tee for XLPE	EA	2
3/4" XLPE SDR 9 Service Tubing	LF	1900
1" XLPE SDR 9 Service Tubing	LF	1850
1 1/2" XLPE SDR 9 Service Tubing	LF	20
2" XLPE SDR 9 Service Tubing	LF	500
3/4" Tapping Saddle for 6" Main	EA	2
1" Tapping Saddle for 6" Main	EA	19
2" Tapping Saddle for 6" Main	EA	16
3/4" Tapping Saddle for 8" Main	EA	47
1" Tapping Saddle for 8" Main	EA	78
1 1/2" Tapping Saddle for 8" Main	EA	1
2" Tapping Saddle for 8" Main	EA	9
1" Tapping Saddle for 10" Main	EA	2
2" Tapping Saddle for 10" Main	EA	1
3/4" Curb Stop	EA	317
1" Curb Stop	EA	77
1 1/2" Curb Stop	EA	1
2" Curb Stop	EA	12
3/4" Corporation Stop	EA	53
1" Corporation Stop	EA	101
1 1/2" Corporation Stop	EA	1
2" Corporation Stop	EA	34
1" x 3/4" x 3/4" Yoke for XLPE	EA	131
1" x 1" x 3/4" Yoke for XLPE	EA	3
2" x 1" x 1" Yoke for XLPE	EA	24
2" Sch. 40 PVC (Casing for 1" Service Tubing)	LF	1700
3" Sch. 40 PVC (Casing for 2" Service Tubing)	LF	220
2" Gate Valve w/ Box	EA	3
Ford Quick Joint Coupling	EA	3
Valve Markers	EA	3
6" Round Plastic Irrigation Valve Box (Height: 8 - 10 inches)	EA	102

ARTICLE 4—TIME OF COMPLETION

4.01 Bidder agrees that the Work will be substantially complete within _____ calendar days after the date when the Contract times commence to run as provided in Paragraph 2.03 of the General Conditions within _____ calendar days after the date of substantial completion.

4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER’S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA**5.01 Bid Acceptance Period**

A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.02 Instructions to Bidders

A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 Receipt of Addenda

A. Bidder hereby acknowledges receipt of the following Addenda

Addendum Number	Addendum Date

ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS**6.01 Bidder’s Representations**

A. In submitting this Bid, Bidder represents the following:

1. Bidder has examined and carefully studied the Bid documents, including Addenda.
2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in

the Supplementary Conditions, with respect to Technical Data in such reports and drawings.

6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bid documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder's (Contractor's) safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bid documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bid documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bid documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bid documents.

6.02 *Bidder's Certifications*

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.

- c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
- d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

(typed or printed name of organization)

By:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

Address for giving notices:

Bidder's Contact:

Name:

(typed or printed)

Title:

(typed or printed)

Phone:

Email:

Address:

Utility Contractor License No. of Contractor Performing the work:

BID BOND (PENAL SUM FORM)

Bidder Name: Address <i>(principal place of business)</i> :	Surety Name: Address <i>(principal place of business)</i> :
Owner Name: City of Stockbridge Address <i>(principal place of business)</i> : 4640 North Henry Blvd Stockbridge, GA 30281	Bid Project <i>(name and location)</i> : 2021 Water Service Line Replacements Henry County, GA Bid Due Date:
Bond Penal Sum: Date of Bond:	
Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth in this Bid Bond, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.	
Bidder	Surety
<i>(Full formal name of Bidder)</i>	<i>(Full formal name of Surety) (corporate seal)</i>
By: _____ <i>(Signature)</i>	By: _____ <i>(Signature) (Attach Power of Attorney)</i>
Name: _____ <i>(Printed or typed)</i>	Name: _____ <i>(Printed or typed)</i>
Title: _____	Title: _____
Attest: _____ <i>(Signature)</i>	Attest: _____ <i>(Signature)</i>
Name: _____ <i>(Printed or typed)</i>	Name: _____ <i>(Printed or typed)</i>
Title: _____	Title: _____
Notes: (1) Note: Addresses are to be used for giving any required notice. (2) Provide execution by any additional parties, such as joint venturers, if necessary.	

SECTION 00460 - 2
BID BOND (PENAL SUM FORM)

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond will be Owner's sole and exclusive remedy upon default of Bidder.
2. Default of Bidder occurs upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
3. This obligation will be null and void if:
 - 3.1. Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
 - 3.2. All Bids are rejected by Owner, or
 - 3.3. Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions does not in the aggregate exceed 120 days from the Bid due date without Surety's written consent.
6. No suit or action will be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety, and in no case later than one year after the Bid due date.
7. Any suit or action under this Bond will be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder must be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Postal Service registered or certified mail, return receipt requested, postage pre-paid, and will be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond will be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute governs and the remainder of this Bond that is not in conflict therewith continues in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

THE INFORMATION SUPPLIED IN THIS DOCUMENT IS CONFIDENTIAL TO THE EXTENT PERMITTED BY LAWS AND REGULATIONS. EACH PROPOSAL WILL BE EVALUATED AS DESCRIBED IN THE INSTRUCTIONS TO BIDDERS.

1. SUBMITTED BY:

Official Name of Firm: _____

Permanent Office Address: _____

2. SUBMITTED TO: City of Stockbridge

3. CONTRACTOR'S CONTACT INFORMATION:

Contact Person: _____

Title: _____

Phone: _____

Email: _____

4. AFFILIATED COMPANIES, IF ANY:

Name: _____

Address: _____

5. TYPE OF ORGANIZATION:

☐ SOLE PROPRIETORSHIP

Name of Owner: _____

Doing Business As: _____

Date of Organization: _____

☐ PARTNERSHIP

Date of Organization: _____

Type of Partnership: _____

Name of General Partner(s): _____

☐ CORPORATION

State of Organization: _____

Date of Organization: _____

Executive Officers:

- President: _____

- Vice President(s): _____

- Treasurer: _____

- Secretary: _____

☐ LIMITED LIABILITY COMPANY

State of Organization: _____

Date of Organization: _____

Members: _____

☐ JOINT VENTURE

Sate of Organization: _____

Date of Organization: _____

Form of Organization: _____

Joint Venture Managing Partner

- Name: _____

- Address: _____

Joint Venture Managing Partner

- Name: _____

- Address: _____

Joint Venture Managing Partner

- Name: _____

- Address: _____

6. LICENSING

Jurisdiction: _____

Type of License: _____

License Number: _____

Jurisdiction: _____

Type of License: _____

License Number: _____

7. CERTIFICATIONS

CERTIFIED BY:

Disadvantage Business Enterprise: _____

Minority Business Enterprise: _____

Woman Owned Enterprise: _____

Small Business Enterprise: _____

Other (_____): _____

8. BONDING INFORMATION

Bonding Company: _____

Address: _____

Bonding Agent: _____

Address: _____

Contact Name: _____

Phone: _____

Aggregate Bonding Capacity: _____

Available Bonding Capacity as of date of this submittal: _____

9. FINANCIAL INFORMATION

Financial Institution: _____

Address: _____

Account Manager: _____

Phone: _____

Credit Available: _____

10. Will you, upon request, fill out a detailed financial statement and furnish any other information that may be required by OWNER?

☐ YES ☐ NO

11. CONSTRUCTION EXPERIENCE:

A. Current Experience (Projects on Hand):

List on **Schedule A** all uncompleted projects of similar size, scope, and complexity currently under contract or in progress as of the date of this Bid.

B. Previous Experience:

List on **Schedule B** all projects of similar size, scope, and complexity completed within the last ten years.

C. Has your firm ever failed to complete a construction contract awarded to it?

☐ YES ☐ NO

If YES, attach as an Attachment details including Project Owner's contact information.

D. Has any Corporate Officer, Partner, Joint Venture participant or Proprietor ever failed to complete a construction contract awarded to them in their name or when acting as a principal of another entity?

☐ YES ☐ NO

If YES, attach as an Attachment details including Project Owner's contact information.

E. Are there any judgments, claims, disputes or litigation pending or outstanding involving your firm or any of its officers in the past five years (or any of its partners if a partnership or any of the individual entities if a joint venture)?

☐ YES ☐ NO

If YES, attach as an Attachment details including Project Owner's contact information.

F. Has your firm been involved in liquidated damages in the past five years or served the Owner with a claim for additional compensation prepared by an attorney or a claims consultant, excluding routine change order requests?

☐ YES ☐ NO

If YES, attach as an Attachment details including Project Owner's contact information.

12. PROJECT TEAM EXPERIENCE:

The bidder needs to exemplify available project management personnel with at least five years'

experience on projects with similar technical characteristics as the proposed Work.

RESUMES:

Provide full resumes for proposed project manager and field superintendent who would supervise and be in charge of the project. Experience can be from previous employment but must be pertinent to the technical aspects of the proposed Work.

13. EQUIPMENT:

MAJOR EQUIPMENT:

List on **Schedule C** all pieces of major equipment available for use on Owner's Project.

14. SUBCONTRACTORS:

List on **Schedule D** the information about the Subcontractors you propose to use on this project. Provide any information relative to bonding issues or liens that have been filed within the last three years on past or current projects. Provide resumes for key individuals that would manage major technical aspects of the project as a subcontractor.

SECTION 00470-7
QUALIFICATIONS OF BIDDER

I HEREBY CERTIFY THAT THE INFORMATION SUBMITTED HERewith, INCLUDING ANY ATTACHMENTS, IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME OF ORGANIZATION: _____

BY: _____

TITLE: _____

DATED: _____

NOTARY ATTEST:

SUBSCRIBED AND SWORN TO BEFORE ME

THIS _____ DAY OF _____, 20__

NOTARY PUBLIC - STATE OF _____

MY COMMISSION EXPIRES: _____

REQUIRED ATTACHMENTS

1. Schedule A (Current Experience).
2. Schedule B (Previous Experience).
3. Schedule C (Major Equipment).
4. Schedule D (Subcontractors).
5. Resumes of key individuals (including Project Manager and Superintendent) of firm.
6. Additional items as pertinent.

SCHEDULE A (CURRENT PROJECTS ON HAND)

CURRENT EXPERIENCE

Project Name	Owner's Contact Person	Design Engineer	Contract Date	Type of Work	% Complete	Contract Amount
	Name: Address: Telephone:	Name: Company: Telephone:	Begin: End:			
	Name: Address: Telephone:	Name: Company: Telephone:	Begin: End:			
	Name: Address: Telephone:	Name: Company: Telephone:	Begin: End:			
	Name: Address: Telephone:	Name: Company: Telephone:	Begin: End:			
	Name: Address: Telephone:	Name: Company: Telephone:	Begin: End:			
	Name: Address: Telephone:	Name: Company: Telephone:	Begin: End:			
	Name: Address: Telephone:	Name: Company: Telephone:	Begin: End:			
	Name: Address: Telephone:	Name: Company: Telephone:	Begin: End:			

SCHEDULE B (PREVIOUS EXPERIENCE)

PREVIOUS EXPERIENCE (Include ALL Relevant Projects Completed within last 10 years)

Project Name	Owner's Contact Person	Design Engineer	Contract Date	Type of Work	Contract Amount
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		

SCHEDULE B (PREVIOUS EXPERIENCE)

PREVIOUS EXPERIENCE (Include ALL Relevant Projects Completed within last 10 years)

Project Name	Owner's Contact Person	Design Engineer	Contract Date	Type of Work	Contract Amount
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		
	Name: Address: Telephone:	Name: Company: Telephone:	End:		

SCHEDULE C - LIST OF MAJOR CONSTRUCTION EQUIPMENT YOU PROPOSE TO USE ON THIS PROJECT (ATTACH ADDITIONAL SHEETS AS NECESSARY)

[illegible]

SCHEDULE D (SUBCONTRACTORS)

Provide the following information about the Subcontractors you propose to use on this project

Sub's Name	Sub's Permanent Office Location (City & State)	Work Sub Will Perform	Dollar Value	Have you Worked with this Sub previously?

NONCOLLUSION AFFIDAVIT OF PRIME BIDDER

State of Georgia

County of **Henry**

_____, being first duly sworn, deposed and says that:

- (1) Prime Contractor is _____ of
(owner, partner, officer, representative, or agent)
_____,
the Bidder that has submitted the attached Proposal;
- (2) He is fully informed respecting the preparation and contents of the attached Proposal and of all pertinent circumstances respecting such Proposal;
- (3) Such Proposal is genuine and is not a collusive or sham Proposal;
- (4) Pursuant to O.C.G.A. Section 63-91-21(d) & (e), neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affidavit, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Proposal in connection with the Contract for which the attached Proposal has been submitted or to refrain from bidding in connection with such contract, or has in any manner directly or indirectly sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Proposal or of any other Bidder, or to fix any overhead, profit or cost element of the Proposal price or the Proposal price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the **City of Stockbridge** (Local Public Agency) of any person interested in the proposed contract and;
- (5) The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affidavit.
- (6) Prime Contractor has not directly or indirectly violated §OCGA 36-91-21(d).

SECTION 00481-2
NONCOLLUSION AFFIDAVIT OF PRIME BIDDER

By: _____

Title: _____

Subscribed and sworn to before me this _____ day of _____, 20__.

(Notary Public)

My commission expires _____
_____, 20__

END OF SECTION

CONTRACTOR AFFIDAVIT AND AGREEMENT

CONTRACTOR AFFIDAVIT AND AGREEMENT

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm, or corporation which is engaged in the physical performance of services on behalf of City of Stockbridge has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractor(s) who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Contractor**Water Service Line Replacement**

Name of Project**City of Stockbridge**

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on: _____, ____ 20__ in _____ (city), _____ (state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME ON THIS THE
____ DAY OF _____, 20____

NOTARY PUBLIC

My Commission Expires: _____

SUBCONTRACTOR AFFIDAVIT AND AGREEMENT

SUBCONTRACTOR AFFIDAVIT AND AGREEMENT

By executing this affidavit, the undersigned sub-contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services under a contract for _____ (name of sub-contractor with whom such sub-contractor has privity of contract) and _____ (name of contractor) on behalf of **City of Stockbridge** has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned sub-contractor will continue to use the federal work authorization program throughout the contract period and the undersigned sub-contractor will contract for the physical performance of services in satisfaction of such contract only with sub-contractors who present an affidavit to the sub-contractor with the information required by O.C.G.A. § 13-10-91(b). The undersigned sub-contractor shall submit, at the time of such contract, this affidavit to _____ (name of sub-contractor with whom such sub-contractor has privity of contract). Additionally, the undersigned sub-contractor will forward notice of the receipt of any affidavit from a sub-contractor to _____ (name of sub-contractor with whom such sub-contractor has privity of contract). Sub-contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Sub-Contractor

2021 Water Service Line Replacement
Name of Project

City of Stockbridge
Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____ 20____ in _____ (city), _____ (state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBCONTRACTOR AFFIDAVIT AND AGREEMENT

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE _____ DAY OF _____, 20____

NOTARY PUBLIC

My Commission Expires: _____

**SECTION 00485
SAVE AFFIDAVIT**

STATE OF GEORGIA

Henry County

By executing this affidavit under oath, as an applicant for a contract [*type of public benefit*] as referenced in O.C.G.A. § 50-36-1 from **City of Stockbridge** acting, the undersigned applicant verifies one of the following with respect to my application for a public benefit:

- 1) _____ I am a United States citizen
- 2) _____ I am a legal permanent resident of the United States
- 3) _____ I am a qualified alien or non-immigrant under the Federal Immigration and Nationality Act with an alien number issued by the Department of Homeland Security or other federal immigration agency.

My alien number issued by the Department of Homeland Security or other federal immigration agency is: _____.

The undersigned applicant also hereby verifies that he or she is 18 years of age or older and has provided at least one secure and verifiable document, as required by O.C.G.A. § 50-36-1 (e)(l), with this affidavit.

The secure and verifiable document provided with this affidavit can best be classified as: _____.

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of O.C.G.A. § 16-10-20, and face criminal penalties as allowed by such criminal statute.

Executed in _____ (city), _____ (state).

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE
____ DAY OF _____ 20__

Signature of Applicant:

Printed Name of Applicant:

NOTARY PUBLIC

My Commission Expires: _____

**AGREEMENT BETWEEN OWNER AND CONTRACTOR
FOR CONSTRUCTION CONTRACT (STIPULATED PRICE)**

THIS AGREEMENT is by and between City of Stockbridge (“Owner”) and
____ (“Contractor”).

Terms used in this Agreement have the meanings stated in the General Conditions and the Supplementary Conditions.

Owner and Contractor hereby agree as follows:

ARTICLE 1—WORK

- 1.01 The work to be completed shall consist of furnishing all labor, equipment, and materials necessary to locate and install approximately 1,600 linear feet of 2" XLPE water main, approximately 356 water service lines, and abandon the existing service lines complete with tapping saddles, corporation stops, XLPE service tubing, curb stops, service line disinfection, roadway replacement, earthwork, grassing, soil erosion and sediment control measures, and all appurtenances necessary to provide a complete installation. The Owner will provide materials listed in the “Materials List” in Section 00400-5.

ARTICLE 2—THE PROJECT

- 2.01 The Project, of which the Work under the Contract Documents is a part, is generally described as follows: **2021 Water Service Line Replacements.**

ARTICLE 3—ENGINEER

- 3.01 The Owner has retained Carter & Sloope, Inc. (“Engineer”) to act as Owner’s representative, assume all duties and responsibilities of Engineer, and have the rights and authority assigned to Engineer in the Contract.

ARTICLE 4—CONTRACT TIMES

4.01 *Time is of the Essence*

- A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 Contract Times: Days

- A. The Work will be substantially complete within ____ days after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions within ____ days after the date when the Contract Times commence to run. *This section will be updated according to the schedule established by the Offeror in Proposal Form Section 00400-6.*

4.05 *Liquidated Damages*

- A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial and other losses if the Work is not completed within the Contract Times, as duly modified. The parties also recognize the delays, expense, and difficulties involved in proving, in a legal or arbitration proceeding, the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty):
1. *Substantial Completion:* Contractor shall pay Owner **\$500** for each day that expires after the time (as duly adjusted pursuant to the Contract) specified above for Substantial Completion, until the Work is substantially complete.
 2. *Completion of Remaining Work:* After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times (as duly adjusted pursuant to the Contract) for completion and readiness for final payment, Contractor shall pay Owner **\$500** for each day that expires after such time until the Work is completed and ready for final payment.
 4. Liquidated damages for failing to timely attain Substantial Completion, and final completion are not additive, and will not be imposed concurrently.
- B. If Owner recovers liquidated damages for a delay in completion by Contractor, then such liquidated damages are Owner's sole and exclusive remedy for such delay, and Owner is precluded from recovering any other damages, whether actual, direct, excess, or consequential, for such delay, except for special damages (if any) specified in this Agreement.

ARTICLE 5—CONTRACT PRICE

- 5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents, the amounts that follow, subject to adjustment under the Contract:
- A. For all Work, at the prices stated in Contractor's Proposal, attached hereto as an exhibit.
 - B. For all Unit Price work, an amount equal to the sum of the extended prices (established for each separately identified item of Unit Price Work by multiplying the unit price times the actual quantity of that item).

ARTICLE 6—PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

- A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

- A. Owner shall make progress payments on the basis of Contractor's Applications for Payment on or about the 30th day of each month during performance of the Work as

provided in Paragraph 6.02.A.1 below, provided that such Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments will be measured by the Schedule of Values established as provided in the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no Schedule of Values, as provided elsewhere in the Contract.

1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Owner may withhold, including but not limited to liquidated damages, in accordance with the Contract.
 - a. 90 percent of the value of the Work completed (with the balance being retainage).
 - 1) If 50 percent or more of the Work has been completed, as determined by Engineer, and if the character and progress of the Work have been satisfactory to Owner and Engineer, then as long as the character and progress of the Work remain satisfactory to Owner and Engineer, there will be no additional retainage; and
 - b. 90 percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).
- B. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to 100 percent of the Work completed, less such amounts set off by Owner pursuant to Paragraph 15.01.E of the General Conditions, and less 200 percent of Engineer's estimate of the value of Work to be completed or corrected as shown on the punch list of items to be completed or corrected prior to final payment.

6.03 *Final Payment*

- A. Upon final completion and acceptance of the Work, Owner shall pay the remainder of the Contract Price in accordance with Paragraph 15.06 of the General Conditions.

6.04 *Consent of Surety*

- A. Owner will not make final payment, or return or release retainage at Substantial Completion or any other time, unless Contractor submits written consent of the surety to such payment, return, or release.

6.05 *Interest*

- A. All amounts not paid when due will bear interest at the maximum legal rate of per annum.

ARTICLE 7—CONTRACT DOCUMENTS

7.01 *Contents*

- A. The Contract Documents consist of all of the following:
 1. This Agreement.

2. Bonds:
 - a. Performance bond (together with power of attorney).
 - b. Payment bond (together with power of attorney).
3. General Conditions.
4. Supplementary Conditions.
5. Specifications as listed in the table of contents of the project manual.
6. Drawings (not attached but incorporated by reference) consisting of 12 sheets with each sheet bearing the following general title: **2021 Water Service Line Replacements.**
7. Addenda (numbers [] to [], inclusive).
8. Exhibits to this Agreement (enumerated as follows):
 - a. Contractor's Proposal
9. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:
 - a. Notice to Proceed.
 - b. Work Change Directives.
 - c. Change Orders.
 - d. Field Orders.
 - e. Warranty Bond, if any.
- B. The Contract Documents listed in Paragraph 7.01.A are attached to this Agreement (except as expressly noted otherwise above).
- C. There are no Contract Documents other than those listed above in this Article 7.
- D. The Contract Documents may only be amended, modified, or supplemented as provided in the Contract.

ARTICLE 8—REPRESENTATIONS, CERTIFICATIONS, AND STIPULATIONS

8.01 Contractor's Representations

- A. In order to induce Owner to enter into this Contract, Contractor makes the following representations:
 1. Contractor has examined and carefully studied the Contract Documents, including Addenda.
 2. Contractor has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
 3. Contractor is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.

4. Contractor has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
5. Contractor has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
6. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (c) Contractor's safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
9. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

8.02 *Contractor's Certifications*

- A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 8.02:
 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution;

2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Proposal or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
3. “collusive practice” means a scheme or arrangement between two or more Offerors, with or without the knowledge of Owner, a purpose of which is to establish Proposal prices at artificial, non-competitive levels; and
4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

8.03 *Standard General Conditions*

- A. Owner stipulates that if the General Conditions that are made a part of this Contract are EJCDC® C-700, Standard General Conditions for the Construction Contract (2018), published by the Engineers Joint Contract Documents Committee, and if Owner is the party that has furnished said General Conditions, then Owner has plainly shown all modifications to the standard wording of such published document to the Contractor, through a process such as highlighting or “track changes” (redline/strikeout), or in the Supplementary Conditions.

ARTICLE 9—MISCELLANEOUS

9.01 *Assignment of Contract*

- A. No assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

9.02 *Successors and Assigns*

- A. Owner and Contractor each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

9.03 *Severability*

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part

thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement.

This Agreement will be effective on _____ (which is the Effective Date of the Contract).

Owner:

(typed or printed name of organization)

By: _____
(individual's signature)

Date: _____
(date signed)

Name: _____
(typed or printed)

Title: _____
(typed or printed)

Attest: _____
(individual's signature)

Title: _____
(typed or printed)

Address for giving notices:

Contractor:

(typed or printed name of organization)

By: _____
(individual's signature)

Date: _____
(date signed)

Name: _____
(typed or printed)

Title: _____
(typed or printed)

(If Contractor is a corporation, a
partnership, or a joint venture, attach
evidence of authority to sign.)

Attest: _____
(individual's signature)

Title: _____
(typed or printed)

Address for giving notices:

SECTION 00500 - 9
AGREEMENT

Designated Representative:

Name: _____
(typed or printed)

Title: _____
(typed or printed)

Address: _____

Phone: _____

Email: _____

(If Owner is a corporation, attach evidence of authority to sign. If Owner is a public body, attach evidence of authority to sign and resolution or other documents)

Designated Representative:

Name: _____
(typed or printed)

Title: _____
(typed or printed)

Address: _____

Phone: _____

Email: _____

License No.: _____
(where applicable)

State: _____

PERFORMANCE BOND

Contractor Name: Address <i>(principal place of business)</i> :	Surety Name: Address <i>(principal place of business)</i> :
Owner Name: City of Stockbridge Mailing address <i>(principal place of business)</i> : 4640 N Henry Blvd Stockbridge, GA 30281	Contract Description <i>(name and location)</i> : 2021 Water Service Line Replacements Henry County, GA Contract Price: Effective Date of Contract:
Bond Bond Amount: Date of Bond: <i>(Date of Bond cannot be earlier than Effective Date of Contract)</i> Modifications to this Bond form: ☐ None ☐ See Paragraph 16	
Surety and Contractor, intending to be legally bound hereby, subject to the terms set forth in this Performance Bond, do each cause this Performance Bond to be duly executed by an authorized officer, agent, or representative.	
Contractor as Principal	Surety
<i>(Full formal name of Contractor)</i>	<i>(Full formal name of Surety) (corporate seal)</i>
By: _____ <i>(Signature)</i>	By: _____ <i>(Signature)(Attach Power of Attorney)</i>
Name: _____ <i>(Printed or typed)</i>	Name: _____ <i>(Printed or typed)</i>
Title: _____	Title: _____
Attest: _____ <i>(Signature)</i>	Attest: _____ <i>(Signature)</i>
Name: _____ <i>(Printed or typed)</i>	Name: _____ <i>(Printed or typed)</i>
Title: _____	Title: _____
<i>Notes: (1) Provide supplemental execution by any additional parties, such as joint venturers. (2) Any singular reference to Contractor, Surety, Owner, or other party is considered plural where applicable.</i>	

SECTION 00610 - 2
PERFORMANCE BOND

1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.
2. If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Paragraph 3.
3. If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond will arise after:
 - 3.1. The Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice may indicate whether the Owner is requesting a conference among the Owner, Contractor, and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Paragraph 3.1 will be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor, and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement does not waive the Owner's right, if any, subsequently to declare a Contractor Default;
 - 3.2. The Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and
 - 3.3. The Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.
4. Failure on the part of the Owner to comply with the notice requirement in Paragraph 3.1 does not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.
5. When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:
 - 5.1. Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;
 - 5.2. Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;
 - 5.3. Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owners concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or
 - 5.4. Waive its right to perform and complete, arrange for completion, or obtain a new contractor, and with reasonable promptness under the circumstances:

- 5.4.1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
 - 5.4.2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.
- 6. If the Surety does not proceed as provided in Paragraph 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Paragraph 5.4, and the Owner refuses the payment, or the Surety has denied liability, in whole or in part, without further notice, the Owner shall be entitled to enforce any remedy available to the Owner.
- 7. If the Surety elects to act under Paragraph 5.1, 5.2, or 5.3, then the responsibilities of the Surety to the Owner will not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety will not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication for:
 - 7.1. the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
 - 7.2. additional legal, design professional, and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 5; and
 - 7.3. liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.
- 8. If the Surety elects to act under Paragraph 5.1, 5.3, or 5.4, the Surety's liability is limited to the amount of this Bond.
- 9. The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price will not be reduced or set off on account of any such unrelated obligations. No right of action will accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors, and assigns.
- 10. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.
- 11. Any proceeding, legal or equitable, under this Bond must be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and must be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this paragraph are void or prohibited by law, the minimum periods of limitations available to sureties as a defense in the jurisdiction of the suit will be applicable.
- 12. Notice to the Surety, the Owner, or the Contractor must be mailed or delivered to the address shown on the page on which their signature appears.
- 13. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement will be deemed deleted therefrom and provisions conforming to such

statutory or other legal requirement will be deemed incorporated herein. When so furnished, the intent is that this Bond will be construed as a statutory bond and not as a common law bond.

14. Definitions

- 14.1. *Balance of the Contract Price*—The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made including allowance for the Contractor for any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.
 - 14.2. *Construction Contract*—The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.
 - 14.3. *Contractor Default*—Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.
 - 14.4. *Owner Default*—Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
 - 14.5. *Contract Documents*—All the documents that comprise the agreement between the Owner and Contractor.
15. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond will be deemed to be Subcontractor and the term Owner will be deemed to be Contractor.
16. Modifications to this Bond are as follows: **None**

PAYMENT BOND

Contractor Name: Address <i>(principal place of business)</i> :	Surety Name: Address <i>(principal place of business)</i> :
Owner Name: City of Stockbridge Mailing address <i>(principal place of business)</i> : 4640 North Henry Blvd. Stockbridge, GA 30281	Contract Description <i>(name and location)</i> : 2021 Water Service Line Replacements Henry County, GA Contract Price: Effective Date of Contract:
Bond Bond Amount: Date of Bond: <i>(Date of Bond cannot be earlier than Effective Date of Contract)</i> Modifications to this Bond form: ☐ None ☐ See Paragraph 18	
Surety and Contractor, intending to be legally bound hereby, subject to the terms set forth in this Payment Bond, do each cause this Payment Bond to be duly executed by an authorized officer, agent, or representative.	
Contractor as Principal	Surety
<i>(Full formal name of Contractor)</i>	<i>(Full formal name of Surety) (corporate seal)</i>
By: _____	By: _____
<i>(Signature)</i>	<i>(Signature)(Attach Power of Attorney)</i>
Name: _____	Name: _____
<i>(Printed or typed)</i>	<i>(Printed or typed)</i>
Title: _____	Title: _____
Attest: _____	Attest: _____
<i>(Signature)</i>	<i>(Signature)</i>
Name: _____	Name: _____
<i>(Printed or typed)</i>	<i>(Printed or typed)</i>
Title: _____	Title: _____
<i>Notes: (1) Provide supplemental execution by any additional parties, such as joint venturers. (2) Any singular reference to Contractor, Surety, Owner, or other party is considered plural where applicable.</i>	

SECTION 00615 - 2
PAYMENT BOND

1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner to pay for labor, materials, and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.
2. If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies, and holds harmless the Owner from claims, demands, liens, or suits by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.
3. If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond will arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Paragraph 13) of claims, demands, liens, or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, and tendered defense of such claims, demands, liens, or suits to the Contractor and the Surety.
4. When the Owner has satisfied the conditions in Paragraph 3, the Surety shall promptly and at the Surety's expense defend, indemnify, and hold harmless the Owner against a duly tendered claim, demand, lien, or suit.
5. The Surety's obligations to a Claimant under this Bond will arise after the following:
 - 5.1. Claimants who do not have a direct contract with the Contractor
 - 5.1.1. have furnished a written notice of non-payment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
 - 5.1.2. have sent a Claim to the Surety (at the address described in Paragraph 13).
 - 5.2. Claimants who are employed by or have a direct contract with the Contractor have sent a Claim to the Surety (at the address described in Paragraph 13).
6. If a notice of non-payment required by Paragraph 5.1.1 is given by the Owner to the Contractor, that is sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Paragraph 5.1.1.
7. When a Claimant has satisfied the conditions of Paragraph 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:
 - 7.1. Send an answer to the Claimant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and
 - 7.2. Pay or arrange for payment of any undisputed amounts.
 - 7.3. The Surety's failure to discharge its obligations under Paragraph 7.1 or 7.2 will not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Paragraph 7.1 or 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.

8. The Surety's total obligation will not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Paragraph 7.3, and the amount of this Bond will be credited for any payments made in good faith by the Surety.
9. Amounts owed by the Owner to the Contractor under the Construction Contract will be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfying obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.
10. The Surety shall not be liable to the Owner, Claimants, or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligation to make payments to or give notice on behalf of Claimants, or otherwise have any obligations to Claimants under this Bond.
11. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.
12. No suit or action will be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (1) on which the Claimant sent a Claim to the Surety pursuant to Paragraph 5.1.2 or 5.2, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit will be applicable.
13. Notice and Claims to the Surety, the Owner, or the Contractor must be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, will be sufficient compliance as of the date received.
14. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement will be deemed deleted here from and provisions conforming to such statutory or other legal requirement will be deemed incorporated herein. When so furnished, the intent is that this Bond will be construed as a statutory bond and not as a common law bond.
15. Upon requests by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.
16. Definitions
 - 16.1. *Claim*—A written statement by the Claimant including at a minimum:
 - 16.1.1. The name of the Claimant;
 - 16.1.2. The name of the person for whom the labor was done, or materials or equipment furnished;
 - 16.1.3. A copy of the agreement or purchase order pursuant to which labor, materials, or equipment was furnished for use in the performance of the Construction Contract;
 - 16.1.4. A brief description of the labor, materials, or equipment furnished;

-
- 16.1.5. The date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;
 - 16.1.6. The total amount earned by the Claimant for labor, materials, or equipment furnished as of the date of the Claim;
 - 16.1.7. The total amount of previous payments received by the Claimant; and
 - 16.1.8. The total amount due and unpaid to the Claimant for labor, materials, or equipment furnished as of the date of the Claim.
- 16.2. *Claimant*—An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials, or equipment for use in the performance of the Construction Contract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or similar statute against the real property upon which the Project is located. The intent of this Bond is to include without limitation in the terms of "labor, materials, or equipment" that part of the water, gas, power, light, heat, oil, gasoline, telephone service, or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials, or equipment were furnished.
- 16.3. *Construction Contract*—The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and all changes made to the agreement and the Contract Documents.
- 16.4. *Owner Default*—Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
- 16.5. *Contract Documents*—All the documents that comprise the agreement between the Owner and Contractor.
17. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond will be deemed to be Subcontractor and the term Owner will be deemed to be Contractor.
18. Modifications to this Bond are as follows: **None**

CERTIFICATE OF CONTRACTOR'S ATTORNEY

I, the undersigned, _____, the duly authorized and acting legal representative of the _____, do hereby certify as follows: I have examined the foregoing contract and surety bonds and the manner of execution thereof, and I am of the opinion that each of the aforesaid agreements has been duly executed by the proper parties thereto acting through their duly authorized representatives; that said representatives have full power and authority to execute said agreements on behalf of the respective parties named thereon; and that the foregoing agreements constitute valid and legally binding obligations upon the parties executing the same in accordance with terms, conditions and provisions thereof.

Signature of Attorney

Date

CERTIFICATE OF OWNER'S ATTORNEY

I, the undersigned, _____, the duly authorized and acting legal representative of the **CITY OF STOCKBRIDGE** do hereby certify as follows: I have examined the foregoing contract, contractor's insurance, and surety bonds and the manner of execution thereof, and I am of the opinion that each of the aforesaid agreements has been duly executed by the proper parties thereto acting through their duly authorized representatives; that said representatives have full power and authority to execute said agreements on behalf of the respective parties named thereon; and that the foregoing agreements constitute valid and legally binding obligations upon the parties executing the same in accordance with terms, conditions and provisions thereof; and that the contractor's insurance meets the City's and/or contract requirements.

Signature of Attorney

Date

END OF SECTION

NOTICE OF AWARD

Date of Issuance:

Owner: City of Stockbridge

Owner's Project No.:

Engineer: Carter & Sloope, Inc.

Engineer's Project No.: S9100.043

Project: 2021 Water Service Line Replacements

Contract Name:

Bidder:

Bidder's Address:

You are notified that Owner has accepted your Bid dated _____ for the above Contract, and that you are the Successful Bidder and are awarded a Contract for:

2021 Water Service Line Replacements

The Contract Price of the awarded Contract is \$ _____. Contract Price is subject to adjustment based on the provisions of the Contract, including but not limited to those governing changes, Unit Price Work, and Work performed on a cost-plus-fee basis, as applicable.

4 unexecuted counterparts of the Agreement accompany this Notice of Award, and one copy of the Contract Documents accompanies this Notice of Award, or has been transmitted or made available to Bidder electronically.

☒ Drawings will be delivered separately from the other Contract Documents.

You must comply with the following conditions precedent within 15 days of the date of receipt of this Notice of Award:

1. Deliver to Owner **5** counterparts of the Agreement, signed by Bidder (as Contractor).
2. Deliver with the signed Agreement(s) the Contract security (such as required performance and payment bonds) and insurance documentation, as specified in the Instructions to Bidders and in the General Conditions, Articles 2 and 6.
3. Deliver the Certificate of Insurance as specified in the General Conditions (Article 6.03) and amended by the Supplementary Conditions.
4. Section 00484 – Subcontractor Affidavit & Agreement for any subcontractors.

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

Within 30 days after you comply with the above conditions, Owner will return to you one fully signed counterpart of the Agreement, together with any additional copies of the Contract Documents as indicated in Paragraph 2.02 of the General Conditions.

Owner: **City of Stockbridge**

By (signature): _____

Name (printed): _____

Title: _____

Copy: Engineer

City of Stockbridge
2021 Water Service Line Replacements

C & S Project No.: S9100.043
August 2022
Revision 0

NOTICE TO PROCEED

Owner: City of Stockbridge Owner's Project No.: _____
Engineer: Carter & Sloop, Inc. Engineer's Project No.: S9100.043
Contractor: _____ Contractor's Project No.: _____
Project: 2021 Water Service Line Replacements
Contract Name: _____
Effective Date of Contract: _____

Owner hereby notifies Contractor that the Contract Times under the above Contract will commence to run on [_____] pursuant to Paragraph 4.01 of the General Conditions.

On that date, Contractor shall start performing its obligations under the Contract Documents. No Work will be done at the Site prior to such date.

In accordance with the Agreement:

The number of days to achieve Substantial Completion is ____ from the date stated above for the commencement of the Contract Times, resulting in a date for Substantial Completion of [____]; and the number of days to achieve readiness for final payment is ____ from the commencement date of the Contract Times, resulting in a date for readiness for final payment of [_____]. *This section will be updated according to the schedule established by the Offeror in Proposal Form Section 00400-6.*

Before starting any Work at the Site, Contractor must comply with the following:

[Note any access limitations, security procedures, or other restrictions]

Owner: City of Stockbridge	Contractor: _____
By (signature): _____	By (signature): _____
Name (printed): _____	Name (printed): _____
Title: _____	Title: _____
Date Issued: _____	Date Issued: _____

Copy: Engineer

CERTIFICATE OF SUBSTANTIAL COMPLETION

CERTIFICATE OF SUBSTANTIAL COMPLETION

Owner: City of Stockbridge Owner's Project No.:
 Engineer: Carter & Sloope, Inc. Engineer's Project No.: S9100.043
 Contractor: Contractor's Project No.:
 Project: 2021 Water Service Line Replacements
 Contract Name:

This ☐ Preliminary ☐ Final Certificate of Substantial Completion applies to:

☐ All Work ☐ The following specified portions of the Work:

[Describe the portion of the work for which Certificate of Substantial Completion is issued]

Date of Substantial Completion: **[Enter date, as determined by Engineer]**

The Work to which this Certificate applies has been inspected by authorized representatives of Owner, Contractor, and Engineer, and found to be substantially complete. The Date of Substantial Completion of the Work or portion thereof designated above is hereby established, subject to the provisions of the Contract pertaining to Substantial Completion. The date of Substantial Completion in the final Certificate of Substantial Completion marks the commencement of the contractual correction period and applicable warranties required by the Contract.

A punch list of items to be completed or corrected is attached to this Certificate. This list may not be all-inclusive, and the failure to include any items on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

Amendments of contractual responsibilities recorded in this Certificate should be the product of mutual agreement of Owner and Contractor; see Paragraph 15.03.D of the General Conditions.

The responsibilities between Owner and Contractor for security, operation, safety, maintenance, heat, utilities, insurance, and warranties upon Owner's use or occupancy of the Work must be as provided in the Contract, except as amended as follows:

Amendments to Owner's Responsibilities: ☐ None ☐ As follows:

[List amendments to Owner's Responsibilities]

Amendments to Contractor's Responsibilities: ☐ None ☐ As follows:

[List amendments to Contractor's Responsibilities]

The following documents are attached to and made a part of this Certificate:

[List attachments such as punch list; other documents]

This Certificate does not constitute an acceptance of Work not in accordance with the Contract Documents, nor is it a release of Contractor's obligation to complete the Work in accordance with the Contract Documents.

Engineer

By (signature): _____

Name (printed): _____

Title: _____

City of Stockbridge
 2021 Water Service Line Replacements

C & S Project No. S9100.043

August 2022

SECTION 00625 - 2
CERTIFICATE OF SUBSTANTIAL COMPLETION

Contractor

By (*signature*):

Name (*printed*):

Title:

Owner

By (*signature*):

Name (*printed*):

Title:

STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT

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STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT

ARTICLE 1—DEFINITIONS AND TERMINOLOGY

1.01 *Defined Terms*

- A. Wherever used in the Bidding Requirements or Contract Documents, a term printed with initial capital letters, including the term's singular and plural forms, will have the meaning indicated in the definitions below. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
 2. *Agreement*—The written instrument, executed by Owner and Contractor, that sets forth the Contract Price and Contract Times, identifies the parties and the Engineer, and designates the specific items that are Contract Documents.
 3. *Application for Payment*—The document prepared by Contractor, in a form acceptable to Engineer, to request progress or final payments, and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
 4. *Bid*—The offer of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
 5. *Bidder*—An individual or entity that submits a Bid to Owner.
 6. *Bidding Documents*—The Bidding Requirements, the proposed Contract Documents, and all Addenda.
 7. *Bidding Requirements*—The Advertisement or invitation to bid, Instructions to Bidders, Bid Bond or other Bid security, if any, the Bid Form, and the Bid with any attachments.
 8. *Change Order*—A document which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, or other revision to the Contract, issued on or after the Effective Date of the Contract.
 9. *Change Proposal*—A written request by Contractor, duly submitted in compliance with the procedural requirements set forth herein, seeking an adjustment in Contract Price or Contract Times; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; challenging a set-off against payments due; or seeking other relief with respect to the terms of the Contract.
 10. *Claim*
 - a. A demand or assertion by Owner directly to Contractor, duly submitted in compliance with the procedural requirements set forth herein, seeking an adjustment of Contract Price or Contract Times; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the

Contract Documents; contesting Engineer's decision regarding a Change Proposal; seeking resolution of a contractual issue that Engineer has declined to address; or seeking other relief with respect to the terms of the Contract.

- b. A demand or assertion by Contractor directly to Owner, duly submitted in compliance with the procedural requirements set forth herein, contesting Engineer's decision regarding a Change Proposal, or seeking resolution of a contractual issue that Engineer has declined to address.
 - c. A demand or assertion by Owner or Contractor, duly submitted in compliance with the procedural requirements set forth herein, made pursuant to Paragraph 12.01.A.4, concerning disputes arising after Engineer has issued a recommendation of final payment.
 - d. A demand for money or services by a third party is not a Claim.
11. *Constituent of Concern*—Asbestos, petroleum, radioactive materials, polychlorinated biphenyls (PCBs), lead-based paint (as defined by the HUD/EPA standard), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to Laws and Regulations regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
12. *Contract*—The entire and integrated written contract between Owner and Contractor concerning the Work.
13. *Contract Documents*—Those items so designated in the Agreement, and which together comprise the Contract.
14. *Contract Price*—The money that Owner has agreed to pay Contractor for completion of the Work in accordance with the Contract Documents.
15. *Contract Times*—The number of days or the dates by which Contractor shall: (a) achieve Milestones, if any; (b) achieve Substantial Completion; and (c) complete the Work.
16. *Contractor*—The individual or entity with which Owner has contracted for performance of the Work.
17. *Cost of the Work*—See Paragraph 13.01 for definition.
18. *Drawings*—The part of the Contract that graphically shows the scope, extent, and character of the Work to be performed by Contractor.
19. *Effective Date of the Contract*—The date, indicated in the Agreement, on which the Contract becomes effective.
20. *Electronic Document*—Any Project-related correspondence, attachments to correspondence, data, documents, drawings, information, or graphics, including but not limited to Shop Drawings and other Submittals, that are in an electronic or digital format.
21. *Electronic Means*—Electronic mail (email), upload/download from a secure Project website, or other communications methods that allow: (a) the transmission or communication of Electronic Documents; (b) the documentation of transmissions, including sending and receipt; (c) printing of the transmitted Electronic Document by the recipient; (d) the storage and archiving of the Electronic Document by sender and recipient; and (e) the use by recipient of the Electronic Document for purposes permitted

by this Contract. Electronic Means does not include the use of text messaging, or of Facebook, Twitter, Instagram, or similar social media services for transmission of Electronic Documents.

22. *Engineer*—The individual or entity named as such in the Agreement.
23. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but does not change the Contract Price or the Contract Times.
24. *Hazardous Environmental Condition*—The presence at the Site of Constituents of Concern in such quantities or circumstances that may present a danger to persons or property exposed thereto.
 - a. The presence at the Site of materials that are necessary for the execution of the Work, or that are to be incorporated into the Work, and that are controlled and contained pursuant to industry practices, Laws and Regulations, and the requirements of the Contract, is not a Hazardous Environmental Condition.
 - b. The presence of Constituents of Concern that are to be removed or remediated as part of the Work is not a Hazardous Environmental Condition.
 - c. The presence of Constituents of Concern as part of the routine, anticipated, and obvious working conditions at the Site, is not a Hazardous Environmental Condition.
25. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and binding decrees, resolutions, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
26. *Liens*—Charges, security interests, or encumbrances upon Contract-related funds, real property, or personal property.
27. *Milestone*—A principal event in the performance of the Work that the Contract requires Contractor to achieve by an intermediate completion date, or by a time prior to Substantial Completion of all the Work.
28. *Notice of Award*—The written notice by Owner to a Bidder of Owner's acceptance of the Bid.
29. *Notice to Proceed*—A written notice by Owner to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work.
30. *Owner*—The individual or entity with which Contractor has contracted regarding the Work, and which has agreed to pay Contractor for the performance of the Work, pursuant to the terms of the Contract.
31. *Progress Schedule*—A schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising Contractor's plan to accomplish the Work within the Contract Times.
32. *Project*—The total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the Work to be performed under the Contract Documents is a part.
33. *Resident Project Representative*—The authorized representative of Engineer assigned to assist Engineer at the Site. As used herein, the term Resident Project Representative (RPR)

includes any assistants or field staff of Resident Project Representative.

34. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and that establish the standards by which such portion of the Work will be judged.
35. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements for Engineer's review of the submittals.
36. *Schedule of Values*—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment.
37. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information that are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work. Shop Drawings, whether approved or not, are not Drawings and are not Contract Documents.
38. *Site*—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands or areas furnished by Owner which are designated for the use of Contractor.
39. *Specifications*—The part of the Contract that consists of written requirements for materials, equipment, systems, standards, and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable to the Work.
40. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work.
41. *Submittal*—A written or graphic document, prepared by or for Contractor, which the Contract Documents require Contractor to submit to Engineer, or that is indicated as a Submittal in the Schedule of Submittals accepted by Engineer. Submittals may include Shop Drawings and Samples; schedules; product data; Owner-delegated designs; sustainable design information; information on special procedures; testing plans; results of tests and evaluations, source quality-control testing and inspections, and field or Site quality-control testing and inspections; warranties and certifications; Suppliers' instructions and reports; records of delivery of spare parts and tools; operations and maintenance data; Project photographic documentation; record documents; and other such documents required by the Contract Documents. Submittals, whether or not approved or accepted by Engineer, are not Contract Documents. Change Proposals, Change Orders, Claims, notices, Applications for Payment, and requests for interpretation or clarification are not Submittals.
42. *Substantial Completion*—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms "substantially complete" and "substantially completed" as applied to all or part of the Work refer to Substantial Completion of such Work.
43. *Successful Bidder*—The Bidder to which the Owner makes an award of contract.
44. *Supplementary Conditions*—The part of the Contract that amends or supplements these

General Conditions.

45. *Supplier*—A manufacturer, fabricator, supplier, distributor, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or a Subcontractor.
46. *Technical Data*
- a. Those items expressly identified as Technical Data in the Supplementary Conditions, with respect to either (1) existing subsurface conditions at or adjacent to the Site, or existing physical conditions at or adjacent to the Site including existing surface or subsurface structures (except Underground Facilities) or (2) Hazardous Environmental Conditions at the Site.
 - b. If no such express identifications of Technical Data have been made with respect to conditions at the Site, then Technical Data is defined, with respect to conditions at the Site under Paragraphs 5.03, 5.04, and 5.06, as the data contained in boring logs, recorded measurements of subsurface water levels, assessments of the condition of subsurface facilities, laboratory test results, and other factual, objective information regarding conditions at the Site that are set forth in any geotechnical, environmental, or other Site or facilities conditions report prepared for the Project and made available to Contractor.
 - c. Information and data regarding the presence or location of Underground Facilities are not intended to be categorized, identified, or defined as Technical Data, and instead Underground Facilities are shown or indicated on the Drawings.
47. *Underground Facilities*—All active or not-in-service underground lines, pipelines, conduits, ducts, encasements, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or systems at the Site, including but not limited to those facilities or systems that produce, transmit, distribute, or convey telephone or other communications, cable television, fiber optic transmissions, power, electricity, light, heat, gases, oil, crude oil products, liquid petroleum products, water, steam, waste, wastewater, storm water, other liquids or chemicals, or traffic or other control systems. An abandoned facility or system is not an Underground Facility.
48. *Unit Price Work*—Work to be paid for on the basis of unit prices.
49. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Contract Documents.
50. *Work Change Directive*—A written directive to Contractor issued on or after the Effective Date of the Contract, signed by Owner and recommended by Engineer, ordering an addition, deletion, or revision in the Work.

1.02 *Terminology*

- A. The words and terms discussed in Paragraphs 1.02.B, C, D, and E are not defined terms that require initial capital letters, but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.

- B. *Intent of Certain Terms or Adjectives:* The Contract Documents include the terms “as allowed,” “as approved,” “as ordered,” “as directed” or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives “reasonable,” “suitable,” “acceptable,” “proper,” “satisfactory,” or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the design concept of the Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Article 10 or any other provision of the Contract Documents.
- C. *Day:* The word “day” means a calendar day of 24 hours measured from midnight to the next midnight.
- D. *Defective:* The word “defective,” when modifying the word “Work,” refers to Work that is unsatisfactory, faulty, or deficient in that it:
1. does not conform to the Contract Documents;
 2. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or
 3. has been damaged prior to Engineer’s recommendation of final payment (unless responsibility for the protection thereof has been assumed by Owner at Substantial Completion in accordance with Paragraph 15.03 or Paragraph 15.04).
- E. *Furnish, Install, Perform, Provide*
1. The word “furnish,” when used in connection with services, materials, or equipment, means to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
 2. The word “install,” when used in connection with services, materials, or equipment, means to put into use or place in final position said services, materials, or equipment complete and ready for intended use.
 3. The words “perform” or “provide,” when used in connection with services, materials, or equipment, means to furnish and install said services, materials, or equipment complete and ready for intended use.
 4. If the Contract Documents establish an obligation of Contractor with respect to specific services, materials, or equipment, but do not expressly use any of the four words “furnish,” “install,” “perform,” or “provide,” then Contractor shall furnish and install said services, materials, or equipment complete and ready for intended use.
- F. *Contract Price or Contract Times:* References to a change in “Contract Price or Contract Times” or “Contract Times or Contract Price” or similar, indicate that such change applies to (1) Contract Price, (2) Contract Times, or (3) both Contract Price and Contract Times, as warranted, even if the term “or both” is not expressed.
- G. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in

accordance with such recognized meaning.

ARTICLE 2—PRELIMINARY MATTERS

2.01 *Delivery of Performance and Payment Bonds; Evidence of Insurance*

- A. *Performance and Payment Bonds:* When Contractor delivers the signed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner the performance bond and payment bond (if the Contract requires Contractor to furnish such bonds).
- B. *Evidence of Contractor's Insurance:* When Contractor delivers the signed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner, with copies to each additional insured (as identified in the Contract), the certificates, endorsements, and other evidence of insurance required to be provided by Contractor in accordance with Article 6, except to the extent the Supplementary Conditions expressly establish other dates for delivery of specific insurance policies.
- C. *Evidence of Owner's Insurance:* After receipt of the signed counterparts of the Agreement and all required bonds and insurance documentation, Owner shall promptly deliver to Contractor, with copies to each additional insured (as identified in the Contract), the certificates and other evidence of insurance required to be provided by Owner under Article 6.

2.02 *Copies of Documents*

- A. Owner shall furnish to Contractor four printed copies of the Contract (including one fully signed counterpart of the Agreement), and one copy in electronic portable document format (PDF). Additional printed copies will be furnished upon request at the cost of reproduction.
- B. Owner shall maintain and safeguard at least one original printed record version of the Contract, including Drawings and Specifications signed and sealed by Engineer and other design professionals. Owner shall make such original printed record version of the Contract available to Contractor for review. Owner may delegate the responsibilities under this provision to Engineer.

2.03 *Before Starting Construction*

- A. *Preliminary Schedules:* Within 10 days after the Effective Date of the Contract (or as otherwise required by the Contract Documents), Contractor shall submit to Engineer for timely review:
 - 1. a preliminary Progress Schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract;
 - 2. a preliminary Schedule of Submittals; and
 - 3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

2.04 *Preconstruction Conference; Designation of Authorized Representatives*

- A. Before any Work at the Site is started, a conference attended by Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties

- as to the Work, and to discuss the schedules referred to in Paragraph 2.03.A, procedures for handling Shop Drawings, Samples, and other Submittals, processing Applications for Payment, electronic or digital transmittals, and maintaining required records.
- B. At this conference Owner and Contractor each shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit and receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party.

2.05 *Acceptance of Schedules*

- A. At least 10 days before submission of the first Application for Payment a conference, attended by Contractor, Engineer, and others as appropriate, will be held to review the schedules submitted in accordance with Paragraph 2.03.A. No progress payment will be made to Contractor until acceptable schedules are submitted to Engineer.
1. The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
 2. Contractor's Schedule of Submittals will be acceptable to Engineer if it provides a workable arrangement for reviewing and processing the required submittals.
 3. Contractor's Schedule of Values will be acceptable to Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to the component parts of the Work.
 4. If a schedule is not acceptable, Contractor will have an additional 10 days to revise and resubmit the schedule.

2.06 *Electronic Transmittals*

- A. Except as otherwise stated elsewhere in the Contract, the Owner, Engineer, and Contractor may send, and shall accept, Electronic Documents transmitted by Electronic Means.
- B. If the Contract does not establish protocols for Electronic Means, then Owner, Engineer, and Contractor shall jointly develop such protocols.
- C. Subject to any governing protocols for Electronic Means, when transmitting Electronic Documents by Electronic Means, the transmitting party makes no representations as to long-term compatibility, usability, or readability of the Electronic Documents resulting from the recipient's use of software application packages, operating systems, or computer hardware differing from those used in the drafting or transmittal of the Electronic Documents.

ARTICLE 3—CONTRACT DOCUMENTS: INTENT, REQUIREMENTS, REUSE

3.01 *Intent*

- A. The Contract Documents are complementary; what is required by one Contract Document is as binding as if required by all.
- B. It is the intent of the Contract Documents to describe a functionally complete Project (or part

- thereof) to be constructed in accordance with the Contract Documents.
- C. Unless otherwise stated in the Contract Documents, if there is a discrepancy between the electronic versions of the Contract Documents (including any printed copies derived from such electronic versions) and the printed record version, the printed record version will govern.
 - D. The Contract supersedes prior negotiations, representations, and agreements, whether written or oral.
 - E. Engineer will issue clarifications and interpretations of the Contract Documents as provided herein.
 - F. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation will be deemed stricken, and all remaining provisions will continue to be valid and binding upon Owner and Contractor, which agree that the Contract Documents will be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.
 - G. Nothing in the Contract Documents creates:
 - 1. any contractual relationship between Owner or Engineer and any Subcontractor, Supplier, or other individual or entity performing or furnishing any of the Work, for the benefit of such Subcontractor, Supplier, or other individual or entity; or
 - 2. any obligation on the part of Owner or Engineer to pay or to see to the payment of any money due any such Subcontractor, Supplier, or other individual or entity, except as may otherwise be required by Laws and Regulations.

3.02 *Reference Standards*

A. *Standards Specifications, Codes, Laws and Regulations*

- 1. Reference in the Contract Documents to standard specifications, manuals, reference standards, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, means the standard specification, manual, reference standard, code, or Laws or Regulations in effect at the time of opening of Proposals (or on the Effective Date of the Contract if there were no Proposals), except as may be otherwise specifically stated in the Contract Documents.
- 2. No provision of any such standard specification, manual, reference standard, or code, and no instruction of a Supplier, will be effective to change the duties or responsibilities of Owner, Contractor, or Engineer from those set forth in the part of the Contract Documents prepared by or for Engineer. No such provision or instruction shall be effective to assign to Owner or Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility inconsistent with the provisions of the part of the Contract Documents prepared by or for Engineer.

3.03 *Reporting and Resolving Discrepancies*

A. *Reporting Discrepancies*

- 1. *Contractor's Verification of Figures and Field Measurements:* Before undertaking each part of the Work, Contractor shall carefully study the Contract Documents, and check and verify pertinent figures and dimensions therein, particularly with respect to applicable

field measurements. Contractor shall promptly report in writing to Engineer any conflict, error, ambiguity, or discrepancy that Contractor discovers, or has actual knowledge of, and shall not proceed with any Work affected thereby until the conflict, error, ambiguity, or discrepancy is resolved by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract issued pursuant to Paragraph 11.01.

2. *Contractor's Review of Contract Documents:* If, before or during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) actual field conditions, (c) any standard specification, manual, reference standard, or code, or (d) any instruction of any Supplier, then Contractor shall promptly report it to Engineer in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 7.15) until the conflict, error, ambiguity, or discrepancy is resolved, by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract issued pursuant to Paragraph 11.01.
3. Contractor shall not be liable to Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Contractor had actual knowledge thereof.

B. *Resolving Discrepancies*

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the part of the Contract Documents prepared by or for Engineer take precedence in resolving any conflict, error, ambiguity, or discrepancy between such provisions of the Contract Documents and:
 - a. the provisions of any standard specification, manual, reference standard, or code, or the instruction of any Supplier (whether or not specifically incorporated by reference as a Contract Document); or
 - b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.04 *Requirements of the Contract Documents*

- A. During the performance of the Work and until final payment, Contractor and Owner shall submit to the Engineer in writing all matters in question concerning the requirements of the Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Contract Documents, as soon as possible after such matters arise. Engineer will be the initial interpreter of the requirements of the Contract Documents, and judge of the acceptability of the Work.
- B. Engineer will, with reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Contract Documents. Engineer's written clarification, interpretation, or decision will be final and binding on Contractor, unless it appeals by submitting a Change Proposal, and on Owner, unless it appeals by filing a Claim.
- C. If a submitted matter in question concerns terms and conditions of the Contract Documents that do not involve (1) the performance or acceptability of the Work under the Contract Documents, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, then Engineer will promptly notify Owner and

Contractor in writing that Engineer is unable to provide a decision or interpretation. If Owner and Contractor are unable to agree on resolution of such a matter in question, either party may pursue resolution as provided in Article 12.

3.05 *Reuse of Documents*

A. Contractor and its Subcontractors and Suppliers shall not:

1. have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media versions, or reuse any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Owner and Engineer and specific written verification or adaptation by Engineer; or
2. have or acquire any title or ownership rights in any other Contract Documents, reuse any such Contract Documents for any purpose without Owner's express written consent, or violate any copyrights pertaining to such Contract Documents.

B. The prohibitions of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein precludes Contractor from retaining copies of the Contract Documents for record purposes.

ARTICLE 4—COMMENCEMENT AND PROGRESS OF THE WORK

4.01 *Commencement of Contract Times; Notice to Proceed*

A. The Contract Times will commence to run on the 30th day after the Effective Date of the Contract or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Contract. In no event will the Contract Times commence to run later than the 60th day after the day of Proposal opening or the 30th day after the Effective Date of the Contract, whichever date is earlier.

4.02 *Starting the Work*

A. Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work may be done at the Site prior to such date.

4.03 *Reference Points*

A. Owner shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the Work. Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of Owner. Contractor shall report to Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.04 *Progress Schedule*

A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.05 as it may be adjusted from time to time as provided below.

1. Contractor shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.05) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times.
 2. Proposed adjustments in the Progress Schedule that will change the Contract Times must be submitted in accordance with the requirements of Article 11.
- B. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Owner. No Work will be delayed or postponed pending resolution of any disputes or disagreements, or during any appeal process, except as permitted by Paragraph 16.04, or as Owner and Contractor may otherwise agree in writing.

4.05 *Delays in Contractor's Progress*

- A. If Owner, Engineer, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times.
- B. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delay, disruption, or interference caused by or within the control of Contractor. Delay, disruption, and interference attributable to and within the control of a Subcontractor or Supplier shall be deemed to be within the control of Contractor.
- C. If Contractor's performance or progress is delayed, disrupted, or interfered with by unanticipated causes not the fault of and beyond the control of Owner, Contractor, and those for which they are responsible, then Contractor shall be entitled to an equitable adjustment in Contract Times. Such an adjustment will be Contractor's sole and exclusive remedy for the delays, disruption, and interference described in this paragraph. Causes of delay, disruption, or interference that may give rise to an adjustment in Contract Times under this paragraph include but are not limited to the following:
1. Severe and unavoidable natural catastrophes such as fires, floods, epidemics, and earthquakes;
 2. Abnormal weather conditions;
 3. Acts or failures to act of third-party utility owners or other third-party entities (other than those third-party utility owners or other third-party entities performing other work at or adjacent to the Site as arranged by or under contract with Owner, as contemplated in Article 8); and
 4. Acts of war or terrorism.
- D. Contractor's entitlement to an adjustment of Contract Times or Contract Price is limited as follows:
1. Contractor's entitlement to an adjustment of the Contract Times is conditioned on the delay, disruption, or interference adversely affecting an activity on the critical path to completion of the Work, as of the time of the delay, disruption, or interference.
 2. Contractor shall not be entitled to an adjustment in Contract Price for any delay, disruption, or interference if such delay is concurrent with a delay, disruption, or interference caused by or within the control of Contractor. Such a concurrent delay by Contractor shall not preclude an adjustment of Contract Times to which Contractor is otherwise entitled.

3. Adjustments of Contract Times or Contract Price are subject to the provisions of Article 11.
- E. Each Contractor request or Change Proposal seeking an increase in Contract Times or Contract Price must be supplemented by supporting data that sets forth in detail the following:
 1. The circumstances that form the basis for the requested adjustment;
 2. The date upon which each cause of delay, disruption, or interference began to affect the progress of the Work;
 3. The date upon which each cause of delay, disruption, or interference ceased to affect the progress of the Work;
 4. The number of days' increase in Contract Times claimed as a consequence of each such cause of delay, disruption, or interference; and
 5. The impact on Contract Price, in accordance with the provisions of Paragraph 11.07.

Contractor shall also furnish such additional supporting documentation as Owner or Engineer may require including, where appropriate, a revised progress schedule indicating all the activities affected by the delay, disruption, or interference, and an explanation of the effect of the delay, disruption, or interference on the critical path to completion of the Work.

- F. Delays, disruption, and interference to the performance or progress of the Work resulting from the existence of a differing subsurface or physical condition, an Underground Facility that was not shown or indicated by the Contract Documents, or not shown or indicated with reasonable accuracy, and those resulting from Hazardous Environmental Conditions, are governed by Article 5, together with the provisions of Paragraphs 4.05.D and 4.05.E.
- G. Paragraph 8.03 addresses delays, disruption, and interference to the performance or progress of the Work resulting from the performance of certain other work at or adjacent to the Site.

ARTICLE 5—SITE; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS

5.01 *Availability of Lands*

- A. Owner shall furnish the Site. Owner shall notify Contractor in writing of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work.
- B. Upon reasonable written request, Owner shall furnish Contractor with a current statement of record legal title and legal description of the lands upon which permanent improvements are to be made and Owner's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.
- C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

5.02 *Use of Site and Other Areas*

- A. *Limitation on Use of Site and Other Areas*
 1. Contractor shall confine construction equipment, temporary construction facilities, the storage of materials and equipment, and the operations of workers to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise,

and other adjacent areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and such other adjacent areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for (a) damage to the Site; (b) damage to any such other adjacent areas used for Contractor's operations; (c) damage to any other adjacent land or areas, or to improvements, structures, utilities, or similar facilities located at such adjacent lands or areas; and (d) for injuries and losses sustained by the owners or occupants of any such land or areas; provided that such damage or injuries result from the performance of the Work or from other actions or conduct of the Contractor or those for which Contractor is responsible.

2. If a damage or injury claim is made by the owner or occupant of any such land or area because of the performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible, Contractor shall (a) take immediate corrective or remedial action as required by Paragraph 7.13, or otherwise; (b) promptly attempt to settle the claim as to all parties through negotiations with such owner or occupant, or otherwise resolve the claim by arbitration or other dispute resolution proceeding, or in a court of competent jurisdiction; and (c) to the fullest extent permitted by Laws and Regulations, indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, from and against any such claim, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Owner, Engineer, or any other party indemnified hereunder to the extent caused directly or indirectly, in whole or in part by, or based upon, Contractor's performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible.
- B. *Removal of Debris During Performance of the Work:* During the progress of the Work the Contractor shall keep the Site and other adjacent areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris will conform to applicable Laws and Regulations.
- C. *Cleaning:* Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Owner. At the completion of the Work Contractor shall remove from the Site and adjacent areas all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.
- D. *Loading of Structures:* Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent structures or land to stresses or pressures that will endanger them.

5.03 *Subsurface and Physical Conditions*

- A. *Reports and Drawings:* The Supplementary Conditions identify:
 1. Those reports of explorations and tests of subsurface conditions at or adjacent to the Site that contain Technical Data;
 2. Those drawings of existing physical conditions at or adjacent to the Site, including those drawings depicting existing surface or subsurface structures at or adjacent to the Site (except Underground Facilities), that contain Technical Data; and

3. Technical Data contained in such reports and drawings.
- B. *Underground Facilities*: Underground Facilities are shown or indicated on the Drawings, pursuant to Paragraph 5.05, and not in the drawings referred to in Paragraph 5.03.A. Information and data regarding the presence or location of Underground Facilities are not intended to be categorized, identified, or defined as Technical Data.
- C. *Reliance by Contractor on Technical Data*: Contractor may rely upon the accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely upon the accuracy of the Technical Data as defined in Paragraph 1.01.A.46.b.
- D. *Limitations of Other Data and Documents*: Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, with respect to:
 1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto;
 2. other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings;
 3. the contents of other Site-related documents made available to Contractor, such as record drawings from other projects at or adjacent to the Site, or Owner's archival documents concerning the Site; or
 4. any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions, or information.

5.04 *Differing Subsurface or Physical Conditions*

- A. *Notice by Contractor*: If Contractor believes that any subsurface or physical condition that is uncovered or revealed at the Site:
 1. is of such a nature as to establish that any Technical Data on which Contractor is entitled to rely as provided in Paragraph 5.03 is materially inaccurate;
 2. is of such a nature as to require a change in the Drawings or Specifications;
 3. differs materially from that shown or indicated in the Contract Documents; or
 4. is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;

then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except with respect to an emergency) until receipt of a written statement permitting Contractor to do so.

- B. *Engineer's Review:* After receipt of written notice as required by the preceding paragraph, Engineer will promptly review the subsurface or physical condition in question; determine whether it is necessary for Owner to obtain additional exploration or tests with respect to the condition; conclude whether the condition falls within any one or more of the differing site condition categories in Paragraph 5.04.A; obtain any pertinent cost or schedule information from Contractor; prepare recommendations to Owner regarding the Contractor's resumption of Work in connection with the subsurface or physical condition in question and the need for any change in the Drawings or Specifications; and advise Owner in writing of Engineer's findings, conclusions, and recommendations.
- C. *Owner's Statement to Contractor Regarding Site Condition:* After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the subsurface or physical condition in question, addressing the resumption of Work in connection with such condition, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations, in whole or in part.
- D. *Early Resumption of Work:* If at any time Engineer determines that Work in connection with the subsurface or physical condition in question may resume prior to completion of Engineer's review or Owner's issuance of its statement to Contractor, because the condition in question has been adequately documented, and analyzed on a preliminary basis, then the Engineer may at its discretion instruct Contractor to resume such Work.
- E. *Possible Price and Times Adjustments*
 - 1. Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times, to the extent that the existence of a differing subsurface or physical condition, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. Such condition must fall within any one or more of the categories described in Paragraph 5.04.A;
 - b. With respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03; and,
 - c. Contractor's entitlement to an adjustment of the Contract Times is subject to the provisions of Paragraphs 4.05.D and 4.05.E.
 - 2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times with respect to a subsurface or physical condition if:
 - a. Contractor knew of the existence of such condition at the time Contractor made a commitment to Owner with respect to Contract Price and Contract Times by the submission of a Proposal or becoming bound under a negotiated contract, or otherwise;
 - b. The existence of such condition reasonably could have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas expressly required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor's making such commitment; or

- c. Contractor failed to give the written notice required by Paragraph 5.04.A.
- 3. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, then any such adjustment will be set forth in a Change Order.
- 4. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, no later than 30 days after Owner's issuance of the Owner's written statement to Contractor regarding the subsurface or physical condition in question.
- F. *Underground Facilities; Hazardous Environmental Conditions:* Paragraph 5.05 governs rights and responsibilities regarding the presence or location of Underground Facilities. Paragraph 5.06 governs rights and responsibilities regarding Hazardous Environmental Conditions. The provisions of Paragraphs 5.03 and 5.04 are not applicable to the presence or location of Underground Facilities, or to Hazardous Environmental Conditions.

5.05 *Underground Facilities*

- A. *Contractor's Responsibilities:* Unless it is otherwise expressly provided in the Supplementary Conditions, the cost of all of the following are included in the Contract Price, and Contractor shall have full responsibility for:
 - 1. reviewing and checking all information and data regarding existing Underground Facilities at the Site;
 - 2. complying with applicable state and local utility damage prevention Laws and Regulations;
 - 3. verifying the actual location of those Underground Facilities shown or indicated in the Contract Documents as being within the area affected by the Work, by exposing such Underground Facilities during the course of construction;
 - 4. coordination of the Work with the owners (including Owner) of such Underground Facilities, during construction; and
 - 5. the safety and protection of all existing Underground Facilities at the Site, and repairing any damage thereto resulting from the Work.
- B. *Notice by Contractor:* If Contractor believes that an Underground Facility that is uncovered or revealed at the Site was not shown or indicated on the Drawings, or was not shown or indicated on the Drawings with reasonable accuracy, then Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing regarding such Underground Facility.
- C. *Engineer's Review:* Engineer will:
 - 1. promptly review the Underground Facility and conclude whether such Underground Facility was not shown or indicated on the Drawings, or was not shown or indicated with reasonable accuracy;
 - 2. identify and communicate with the owner of the Underground Facility; prepare recommendations to Owner (and if necessary issue any preliminary instructions to Contractor) regarding the Contractor's resumption of Work in connection with the Underground Facility in question;

3. obtain any pertinent cost or schedule information from Contractor; determine the extent, if any, to which a change is required in the Drawings or Specifications to reflect and document the consequences of the existence or location of the Underground Facility; and
4. advise Owner in writing of Engineer's findings, conclusions, and recommendations.

During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.

- D. *Owner's Statement to Contractor Regarding Underground Facility:* After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the Underground Facility in question addressing the resumption of Work in connection with such Underground Facility, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations in whole or in part.
- E. *Early Resumption of Work:* If at any time Engineer determines that Work in connection with the Underground Facility may resume prior to completion of Engineer's review or Owner's issuance of its statement to Contractor, because the Underground Facility in question and conditions affected by its presence have been adequately documented, and analyzed on a preliminary basis, then the Engineer may at its discretion instruct Contractor to resume such Work.
- F. *Possible Price and Times Adjustments*
 1. Contractor shall be entitled to an equitable adjustment in the Contract Price or Contract Times, to the extent that any existing Underground Facility at the Site that was not shown or indicated on the Drawings, or was not shown or indicated with reasonable accuracy, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. With respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03;
 - b. Contractor's entitlement to an adjustment of the Contract Times is subject to the provisions of Paragraphs 4.05.D and 4.05.E; and
 - c. Contractor gave the notice required in Paragraph 5.05.B.
 2. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, then any such adjustment will be set forth in a Change Order.
 3. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, no later than 30 days after Owner's issuance of the Owner's written statement to Contractor regarding the Underground Facility in question.
 4. The information and data shown or indicated on the Drawings with respect to existing Underground Facilities at the Site is based on information and data (a) furnished by the owners of such Underground Facilities, or by others, (b) obtained from available records, or (c) gathered in an investigation conducted in accordance with the current edition of ASCE 38, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data, by the American Society of Civil Engineers. If such information or data is incorrect

or incomplete, Contractor's remedies are limited to those set forth in this Paragraph 5.05.F.

5.06 *Hazardous Environmental Conditions at Site*

A. *Reports and Drawings*: The Supplementary Conditions identify:

1. those reports known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site;
2. drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site; and
3. Technical Data contained in such reports and drawings.

B. *Reliance by Contractor on Technical Data Authorized*: Contractor may rely upon the accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely on the accuracy of the Technical Data as defined in Paragraph 1.01.A.46.b. Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, with respect to:

1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto;
2. other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or
3. any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions or information.

C. Contractor shall not be responsible for removing or remediating any Hazardous Environmental Condition encountered, uncovered, or revealed at the Site unless such removal or remediation is expressly identified in the Contract Documents to be within the scope of the Work.

D. Contractor shall be responsible for controlling, containing, and duly removing all Constituents of Concern brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible, and for any associated costs; and for the costs of removing and remediating any Hazardous Environmental Condition created by the presence of any such Constituents of Concern.

E. If Contractor encounters, uncovers, or reveals a Hazardous Environmental Condition whose removal or remediation is not expressly identified in the Contract Documents as being within the scope of the Work, or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, then Contractor shall immediately: (1) secure or otherwise isolate such condition; (2) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 7.15); and (3) notify Owner and Engineer (and promptly thereafter confirm such notice in writing). Owner shall promptly consult with Engineer concerning the necessity for Owner to retain a qualified expert to evaluate such condition or take corrective action, if any. Promptly after consulting

- with Engineer, Owner shall take such actions as are necessary to permit Owner to timely obtain required permits and provide Contractor the written notice required by Paragraph 5.06.F. If Contractor or anyone for whom Contractor is responsible created the Hazardous Environmental Condition in question, then Owner may remove and remediate the Hazardous Environmental Condition, and impose a set-off against payments to account for the associated costs.
- F. Contractor shall not resume Work in connection with such Hazardous Environmental Condition or in any affected area until after Owner has obtained any required permits related thereto, and delivered written notice to Contractor either (1) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work, or (2) specifying any special conditions under which such Work may be resumed safely.
- G. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, as a result of such Work stoppage, such special conditions under which Work is agreed to be resumed by Contractor, or any costs or expenses incurred in response to the Hazardous Environmental Condition, then within 30 days of Owner's written notice regarding the resumption of Work, Contractor may submit a Change Proposal, or Owner may impose a set-off. Entitlement to any such adjustment is subject to the provisions of Paragraphs 4.05.D, 4.05.E, 11.07, and 11.08.
- H. If, after receipt of such written notice, Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be deleted from the Work, following the contractual change procedures in Article 11. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 8.
- I. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition (1) was not shown or indicated in the Drawings, Specifications, or other Contract Documents, identified as Technical Data entitled to limited reliance pursuant to Paragraph 5.06.B, or identified in the Contract Documents to be included within the scope of the Work, and (2) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.I obligates Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- J. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the failure to control, contain, or remove a Constituent of Concern brought to the Site by Contractor or by anyone for whom Contractor is responsible, or to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.J obligates Contractor to

indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.

- K. The provisions of Paragraphs 5.03, 5.04, and 5.05 do not apply to the presence of Constituents of Concern or to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 6—BONDS AND INSURANCE

6.01 *Performance, Payment, and Other Bonds*

- A. Contractor shall furnish a performance bond and a payment bond, each in an amount at least equal to the Contract Price, as security for the faithful performance and payment of Contractor's obligations under the Contract. These bonds must remain in effect until one year after the date when final payment becomes due or until completion of the correction period specified in Paragraph 15.08, whichever is later, except as provided otherwise by Laws or Regulations, the terms of a prescribed bond form, the Supplementary Conditions, or other provisions of the Contract.
- B. Contractor shall also furnish such other bonds (if any) as are required by the Supplementary Conditions or other provisions of the Contract.
- C. All bonds must be in the form included in the Bidding Documents or otherwise specified by Owner prior to execution of the Contract, except as provided otherwise by Laws or Regulations, and must be issued and signed by a surety named in "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Department Circular 570 (as amended and supplemented) by the Bureau of the Fiscal Service, U.S. Department of the Treasury. A bond signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual's authority to bind the surety. The evidence of authority must show that it is effective on the date the agent or attorney-in-fact signed the accompanying bond.
- D. Contractor shall obtain the required bonds from surety companies that are duly licensed or authorized, in the state or jurisdiction in which the Project is located, to issue bonds in the required amounts.
- E. If the surety on a bond furnished by Contractor is declared bankrupt or becomes insolvent, or the surety ceases to meet the requirements above, then Contractor shall promptly notify Owner and Engineer in writing and shall, within 20 days after the event giving rise to such notification, provide another bond and surety, both of which must comply with the bond and surety requirements above.
- F. If Contractor has failed to obtain a required bond, Owner may exclude the Contractor from the Site and exercise Owner's termination rights under Article 16.
- G. Upon request to Owner from any Subcontractor, Supplier, or other person or entity claiming to have furnished labor, services, materials, or equipment used in the performance of the Work, Owner shall provide a copy of the payment bond to such person or entity.
- H. Upon request to Contractor from any Subcontractor, Supplier, or other person or entity claiming to have furnished labor, services, materials, or equipment used in the performance of the Work, Contractor shall provide a copy of the payment bond to such person or entity.

6.02 *Insurance—General Provisions*

- A. Owner and Contractor shall obtain and maintain insurance as required in this article and in the Supplementary Conditions.
- B. All insurance required by the Contract to be purchased and maintained by Owner or Contractor shall be obtained from insurance companies that are duly licensed or authorized in the state or jurisdiction in which the Project is located to issue insurance policies for the required limits and coverages. Unless a different standard is indicated in the Supplementary Conditions, all companies that provide insurance policies required under this Contract shall have an A.M. Best rating of A-VII or better.
- C. Alternative forms of insurance coverage, including but not limited to self-insurance and "Occupational Accident and Excess Employer's Indemnity Policies," are not sufficient to meet the insurance requirements of this Contract, unless expressly allowed in the Supplementary Conditions.
- D. Contractor shall deliver to Owner, with copies to each additional insured identified in the Contract, certificates of insurance and endorsements establishing that Contractor has obtained and is maintaining the policies and coverages required by the Contract. Upon request by Owner or any other insured, Contractor shall also furnish other evidence of such required insurance, including but not limited to copies of policies, documentation of applicable self-insured retentions (if allowed) and deductibles, full disclosure of all relevant exclusions, and evidence of insurance required to be purchased and maintained by Subcontractors or Suppliers. In any documentation furnished under this provision, Contractor, Subcontractors, and Suppliers may block out (redact) (1) any confidential premium or pricing information and (2) any wording specific to a project or jurisdiction other than those applicable to this Contract.
- E. Owner shall deliver to Contractor, with copies to each additional insured identified in the Contract, certificates of insurance and endorsements establishing that Owner has obtained and is maintaining the policies and coverages required of Owner by the Contract (if any). Upon request by Contractor or any other insured, Owner shall also provide other evidence of such required insurance (if any), including but not limited to copies of policies, documentation of applicable self-insured retentions (if allowed) and deductibles, and full disclosure of all relevant exclusions. In any documentation furnished under this provision, Owner may block out (redact) (1) any confidential premium or pricing information and (2) any wording specific to a project or jurisdiction other than those relevant to this Contract.
- F. Failure of Owner or Contractor to demand such certificates or other evidence of the other party's full compliance with these insurance requirements, or failure of Owner or Contractor to identify a deficiency in compliance from the evidence provided, will not be construed as a waiver of the other party's obligation to obtain and maintain such insurance.
- G. In addition to the liability insurance required to be provided by Contractor, the Owner, at Owner's option, may purchase and maintain Owner's own liability insurance. Owner's liability policies, if any, operate separately and independently from policies required to be provided by Contractor, and Contractor cannot rely upon Owner's liability policies for any of Contractor's obligations to the Owner, Engineer, or third parties.
- H. Contractor shall require:
 - 1. Subcontractors to purchase and maintain worker's compensation, commercial general liability, and other insurance that is appropriate for their participation in the Project, and to name as additional insureds Owner and Engineer (and any other individuals or entities

identified in the Supplementary Conditions as additional insureds on Contractor's liability policies) on each Subcontractor's commercial general liability insurance policy; and

2. Suppliers to purchase and maintain insurance that is appropriate for their participation in the Project.
- I. If either party does not purchase or maintain the insurance required of such party by the Contract, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage.
- J. If Contractor has failed to obtain and maintain required insurance, Contractor's entitlement to enter or remain at the Site will end immediately, and Owner may impose an appropriate set-off against payment for any associated costs (including but not limited to the cost of purchasing necessary insurance coverage), and exercise Owner's termination rights under Article 16.
- K. Without prejudice to any other right or remedy, if a party has failed to obtain required insurance, the other party may elect (but is in no way obligated) to obtain equivalent insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and the Contract Price will be adjusted accordingly.
- L. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor or Contractor's interests. Contractor is responsible for determining whether such coverage and limits are adequate to protect its interests, and for obtaining and maintaining any additional insurance that Contractor deems necessary.
- M. The insurance and insurance limits required herein will not be deemed as a limitation on Contractor's liability, or that of its Subcontractors or Suppliers, under the indemnities granted to Owner and other individuals and entities in the Contract or otherwise.
- N. All the policies of insurance required to be purchased and maintained under this Contract will contain a provision or endorsement that the coverage afforded will not be canceled, or renewal refused, until at least 10 days prior written notice has been given to the purchasing policyholder. Within three days of receipt of any such written notice, the purchasing policyholder shall provide a copy of the notice to each other insured and Engineer.

6.03 Contractor's Insurance

- A. *Required Insurance:* Contractor shall purchase and maintain Worker's Compensation, Commercial General Liability, and other insurance pursuant to the specific requirements of the Supplementary Conditions.
- B. *General Provisions:* The policies of insurance required by this Paragraph 6.03 as supplemented must:
 1. include at least the specific coverages required;
 2. be written for not less than the limits provided, or those required by Laws or Regulations, whichever is greater;
 3. remain in effect at least until the Work is complete (as set forth in Paragraph 15.06.D), and longer if expressly required elsewhere in this Contract, and at all times thereafter when Contractor may be correcting, removing, or replacing defective Work as a warranty

or correction obligation, or otherwise, or returning to the Site to conduct other tasks arising from the Contract;

4. apply with respect to the performance of the Work, whether such performance is by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable; and
 5. include all necessary endorsements to support the stated requirements.
- C. *Additional Insureds*: The Contractor's commercial general liability, automobile liability, employer's liability, umbrella or excess, pollution liability, and unmanned aerial vehicle liability policies, if required by this Contract, must:
1. include and list as additional insureds Owner and Engineer, and any individuals or entities identified as additional insureds in the Supplementary Conditions;
 2. include coverage for the respective officers, directors, members, partners, employees, and consultants of all such additional insureds;
 3. afford primary coverage to these additional insureds for all claims covered thereby (including as applicable those arising from both ongoing and completed operations);
 4. not seek contribution from insurance maintained by the additional insured; and
 5. as to commercial general liability insurance, apply to additional insureds with respect to liability caused in whole or in part by Contractor's acts or omissions, or the acts and omissions of those working on Contractor's behalf, in the performance of Contractor's operations.

6.04 *Builder's Risk and Other Property Insurance*

- A. *Builder's Risk*: Unless otherwise provided in the Supplementary Conditions, Contractor shall purchase and maintain builder's risk insurance upon the Work on a completed value basis, in the amount of the Work's full insurable replacement cost (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). The specific requirements applicable to the builder's risk insurance are set forth in the Supplementary Conditions.
- B. *Property Insurance for Facilities of Owner Where Work Will Occur*: Owner is responsible for obtaining and maintaining property insurance covering each existing structure, building, or facility in which any part of the Work will occur, or to which any part of the Work will attach or be adjoined. Such property insurance will be written on a special perils (all-risk) form, on a replacement cost basis, providing coverage consistent with that required for the builder's risk insurance, and will be maintained until the Work is complete, as set forth in Paragraph 15.06.D.
- C. *Property Insurance for Substantially Complete Facilities*: Promptly after Substantial Completion, and before actual occupancy or use of the substantially completed Work, Owner will obtain property insurance for such substantially completed Work, and maintain such property insurance at least until the Work is complete, as set forth in Paragraph 15.06.D. Such property insurance will be written on a special perils (all-risk) form, on a replacement cost basis, and provide coverage consistent with that required for the builder's risk insurance. The builder's risk insurance may terminate upon written confirmation of Owner's procurement of such property insurance.

- D. *Partial Occupancy or Use by Owner:* If Owner will occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work, as provided in Paragraph 15.04, then Owner (directly, if it is the purchaser of the builder's risk policy, or through Contractor) will provide advance notice of such occupancy or use to the builder's risk insurer, and obtain an endorsement consenting to the continuation of coverage prior to commencing such partial occupancy or use.
- E. *Insurance of Other Property; Additional Insurance:* If the express insurance provisions of the Contract do not require or address the insurance of a property item or interest, then the entity or individual owning such property item will be responsible for insuring it. If Contractor elects to obtain other special insurance to be included in or supplement the builder's risk or property insurance policies provided under this Paragraph 6.04, it may do so at Contractor's expense.

6.05 *Property Losses; Subrogation*

- A. The builder's risk insurance policy purchased and maintained in accordance with Paragraph 6.04 (or an installation floater policy if authorized by the Supplementary Conditions), will contain provisions to the effect that in the event of payment of any loss or damage the insurer will have no rights of recovery against any insureds thereunder, or against Engineer or its consultants, or their officers, directors, members, partners, employees, agents, consultants, or subcontractors.
 - 1. Owner and Contractor waive all rights against each other and the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from any of the perils, risks, or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Engineer, its consultants, all individuals or entities identified in the Supplementary Conditions as builder's risk or installation floater insureds, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, under such policies for losses and damages so caused.
 - 2. None of the above waivers extends to the rights that any party making such waiver may have to the proceeds of insurance held by Owner or Contractor as trustee or fiduciary, or otherwise payable under any policy so issued.
- B. Any property insurance policy maintained by Owner covering any loss, damage, or consequential loss to Owner's existing structures, buildings, or facilities in which any part of the Work will occur, or to which any part of the Work will attach or adjoin; to adjacent structures, buildings, or facilities of Owner; or to part or all of the completed or substantially completed Work, during partial occupancy or use pursuant to Paragraph 15.04, after Substantial Completion pursuant to Paragraph 15.03, or after final payment pursuant to Paragraph 15.06, will contain provisions to the effect that in the event of payment of any loss or damage the insurer will have no rights of recovery against any insureds thereunder, or against Contractor, Subcontractors, or Engineer, or the officers, directors, members, partners, employees, agents, consultants, or subcontractors of each and any of them, and that the insured is allowed to waive the insurer's rights of subrogation in a written contract executed prior to the loss, damage, or consequential loss.
 - 1. Owner waives all rights against Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, for all losses and damages caused by, arising out

of, or resulting from fire or any of the perils, risks, or causes of loss covered by such policies.

- C. The waivers in this Paragraph 6.05 include the waiver of rights due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to Owner's property or the Work caused by, arising out of, or resulting from fire or other insured peril, risk, or cause of loss.
- D. Contractor shall be responsible for assuring that each Subcontract contains provisions whereby the Subcontractor waives all rights against Owner, Contractor, all individuals or entities identified in the Supplementary Conditions as insureds, the Engineer and its consultants, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, relating to, or resulting from fire or other peril, risk, or cause of loss covered by builder's risk insurance, installation floater, and any other property insurance applicable to the Work.

6.06 *Receipt and Application of Property Insurance Proceeds*

- A. Any insured loss under the builder's risk and other policies of property insurance required by Paragraph 6.04 will be adjusted and settled with the named insured that purchased the policy. Such named insured shall act as fiduciary for the other insureds, and give notice to such other insureds that adjustment and settlement of a claim is in progress. Any other insured may state its position regarding a claim for insured loss in writing within 15 days after notice of such claim.
- B. Proceeds for such insured losses may be made payable by the insurer either jointly to multiple insureds, or to the named insured that purchased the policy in its own right and as fiduciary for other insureds, subject to the requirements of any applicable mortgage clause. A named insured receiving insurance proceeds under the builder's risk and other policies of insurance required by Paragraph 6.04 shall maintain such proceeds in a segregated account, and distribute such proceeds in accordance with such agreement as the parties in interest may reach, or as otherwise required under the dispute resolution provisions of this Contract or applicable Laws and Regulations.
- C. If no other special agreement is reached, Contractor shall repair or replace the damaged Work, using allocated insurance proceeds.

ARTICLE 7—CONTRACTOR'S RESPONSIBILITIES

7.01 *Contractor's Means and Methods of Construction*

- A. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction.
- B. If the Contract Documents note, or Contractor determines, that professional engineering or other design services are needed to carry out Contractor's responsibilities for construction means, methods, techniques, sequences, and procedures, or for Site safety, then Contractor shall cause such services to be provided by a properly licensed design professional, at Contractor's expense. Such services are not Owner-delegated professional design services under this Contract, and neither Owner nor Engineer has any responsibility with respect to (1) Contractor's determination of the need for such services, (2) the qualifications or licensing of the design professionals retained or employed by Contractor, (3) the performance of such services, or (4) any errors, omissions, or defects in such services.

7.02 *Supervision and Superintendence*

- A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents.
- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who will not be replaced without written notice to Owner and Engineer except under extraordinary circumstances.

7.03 *Labor; Working Hours*

- A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall maintain good discipline and order at the Site.
- B. Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of Contractor's employees; of Suppliers and Subcontractors, and their employees; and of any other individuals or entities performing or furnishing any of the Work, just as Contractor is responsible for Contractor's own acts and omissions.
- C. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site will be performed during regular working hours, Monday through Friday. Contractor will not perform Work on a Saturday, Sunday, or any legal holiday. Contractor may perform Work outside regular working hours or on Saturdays, Sundays, or legal holidays only with Owner's written consent, which will not be unreasonably withheld.

7.04 *Services, Materials, and Equipment*

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start up, and completion of the Work, whether or not such items are specifically called for in the Contract Documents.
- B. All materials and equipment incorporated into the Work must be new and of good quality, except as otherwise provided in the Contract Documents. All special warranties and guarantees required by the Specifications will expressly run to the benefit of Owner. If required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment.
- C. All materials and equipment must be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

7.05 *"Or Equals"*

- A. *Contractor's Request; Governing Criteria:* Whenever an item of equipment or material is specified or described in the Contract Documents by using the names of one or more proprietary items or specific Suppliers, the Contract Price has been based upon Contractor furnishing such item as specified. The specification or description of such an item is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or "or equal"

- item is permitted, Contractor may request that Engineer authorize the use of other items of equipment or material, or items from other proposed Suppliers, under the circumstances described below.
1. If Engineer in its sole discretion determines that an item of equipment or material proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, Engineer will deem it an “or equal” item. For the purposes of this paragraph, a proposed item of equipment or material will be considered functionally equal to an item so named if:
 - a. in the exercise of reasonable judgment Engineer determines that the proposed item:
 - 1) is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;
 - 2) will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole;
 - 3) has a proven record of performance and availability of responsive service; and
 - 4) is not objectionable to Owner.
 - b. Contractor certifies that, if the proposed item is approved and incorporated into the Work:
 - 1) there will be no increase in cost to the Owner or increase in Contract Times; and
 - 2) the item will conform substantially to the detailed requirements of the item named in the Contract Documents.
 - B. *Contractor’s Expense*: Contractor shall provide all data in support of any proposed “or equal” item at Contractor’s expense.
 - C. *Engineer’s Evaluation and Determination*: Engineer will be allowed a reasonable time to evaluate each “or-equal” request. Engineer may require Contractor to furnish additional data about the proposed “or-equal” item. Engineer will be the sole judge of acceptability. No “or-equal” item will be ordered, furnished, installed, or utilized until Engineer’s review is complete and Engineer determines that the proposed item is an “or-equal,” which will be evidenced by an approved Shop Drawing or other written communication. Engineer will advise Contractor in writing of any negative determination.
 - D. *Effect of Engineer’s Determination*: Neither approval nor denial of an “or-equal” request will result in any change in Contract Price. The Engineer’s denial of an “or-equal” request will be final and binding, and may not be reversed through an appeal under any provision of the Contract.
 - E. *Treatment as a Substitution Request*: If Engineer determines that an item of equipment or material proposed by Contractor does not qualify as an “or-equal” item, Contractor may request that Engineer consider the item a proposed substitute pursuant to Paragraph 7.06.

7.06 Substitutes

- A. *Contractor’s Request; Governing Criteria*: Unless the specification or description of an item of equipment or material required to be furnished under the Contract Documents contains or is followed by words reading that no substitution is permitted, Contractor may request that Engineer authorize the use of other items of equipment or material under the circumstances

described below. To the extent possible such requests must be made before commencement of related construction at the Site.

1. Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is functionally equivalent to that named and an acceptable substitute therefor. Engineer will not accept requests for review of proposed substitute items of equipment or material from anyone other than Contractor.
2. The requirements for review by Engineer will be as set forth in Paragraph 7.06.B, as supplemented by the Specifications, and as Engineer may decide is appropriate under the circumstances.
3. Contractor shall make written application to Engineer for review of a proposed substitute item of equipment or material that Contractor seeks to furnish or use. The application:
 - a. will certify that the proposed substitute item will:
 - 1) perform adequately the functions and achieve the results called for by the general design;
 - 2) be similar in substance to the item specified; and
 - 3) be suited to the same use as the item specified.
 - b. will state:
 - 1) the extent, if any, to which the use of the proposed substitute item will necessitate a change in Contract Times;
 - 2) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item; and
 - 3) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty.
 - c. will identify:
 - 1) all variations of the proposed substitute item from the item specified; and
 - 2) available engineering, sales, maintenance, repair, and replacement services.
 - d. will contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including but not limited to changes in Contract Price, shared savings, costs of redesign, and claims of other contractors affected by any resulting change.
- B. *Engineer's Evaluation and Determination:* Engineer will be allowed a reasonable time to evaluate each substitute request, and to obtain comments and direction from Owner. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No substitute will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an acceptable substitute. Engineer's determination will be evidenced by a Field Order or a proposed Change Order accounting for the substitution itself and all related impacts, including changes in Contract Price or Contract Times. Engineer will advise

Contractor in writing of any negative determination.

- C. *Special Guarantee*: Owner may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.
- D. *Reimbursement of Engineer's Cost*: Engineer will record Engineer's costs in evaluating a substitute proposed or submitted by Contractor. Whether or not Engineer approves a substitute so proposed or submitted by Contractor, Contractor shall reimburse Owner for the reasonable charges of Engineer for evaluating each such proposed substitute. Contractor shall also reimburse Owner for the reasonable charges of Engineer for making changes in the Contract Documents (or in the provisions of any other direct contract with Owner) resulting from the acceptance of each proposed substitute.
- E. *Contractor's Expense*: Contractor shall provide all data in support of any proposed substitute at Contractor's expense.
- F. *Effect of Engineer's Determination*: If Engineer approves the substitution request, Contractor shall execute the proposed Change Order and proceed with the substitution. The Engineer's denial of a substitution request will be final and binding, and may not be reversed through an appeal under any provision of the Contract. Contractor may challenge the scope of reimbursement costs imposed under Paragraph 7.06.D, by timely submittal of a Change Proposal.

7.07 *Concerning Subcontractors and Suppliers*

- A. Contractor may retain Subcontractors and Suppliers for the performance of parts of the Work. Such Subcontractors and Suppliers must be acceptable to Owner. The Contractor's retention of a Subcontractor or Supplier for the performance of parts of the Work will not relieve Contractor's obligation to Owner to perform and complete the Work in accordance with the Contract Documents.
- B. Contractor shall retain specific Subcontractors and Suppliers for the performance of designated parts of the Work if required by the Contract to do so.
- C. Subsequent to the submittal of Contractor's Proposal or final negotiation of the terms of the Contract, Owner may not require Contractor to retain any Subcontractor or Supplier to furnish or perform any of the Work against which Contractor has reasonable objection.
- D. Prior to entry into any binding subcontract or purchase order, Contractor shall submit to Owner the identity of the proposed Subcontractor or Supplier (unless Owner has already deemed such proposed Subcontractor or Supplier acceptable during the bidding process or otherwise). Such proposed Subcontractor or Supplier shall be deemed acceptable to Owner unless Owner raises a substantive, reasonable objection within 5 days.
- E. Owner may require the replacement of any Subcontractor or Supplier. Owner also may require Contractor to retain specific replacements; provided, however, that Owner may not require a replacement to which Contractor has a reasonable objection. If Contractor has submitted the identity of certain Subcontractors or Suppliers for acceptance by Owner, and Owner has accepted it (either in writing or by failing to make written objection thereto), then Owner may subsequently revoke the acceptance of any such Subcontractor or Supplier so identified solely on the basis of substantive, reasonable objection after due investigation. Contractor shall submit an acceptable replacement for the rejected Subcontractor or Supplier.

- F. If Owner requires the replacement of any Subcontractor or Supplier retained by Contractor to perform any part of the Work, then Contractor shall be entitled to an adjustment in Contract Price or Contract Times, with respect to the replacement; and Contractor shall initiate a Change Proposal for such adjustment within 30 days of Owner's requirement of replacement.
- G. No acceptance by Owner of any such Subcontractor or Supplier, whether initially or as a replacement, will constitute a waiver of the right of Owner to the completion of the Work in accordance with the Contract Documents.
- H. On a monthly basis, Contractor shall submit to Engineer a complete list of all Subcontractors and Suppliers having a direct contract with Contractor, and of all other Subcontractors and Suppliers known to Contractor at the time of submittal.
- I. Contractor shall be solely responsible for scheduling and coordinating the work of Subcontractors and Suppliers.
- J. The divisions and sections of the Specifications and the identifications of any Drawings do not control Contractor in dividing the Work among Subcontractors or Suppliers, or in delineating the Work to be performed by any specific trade.
- K. All Work performed for Contractor by a Subcontractor or Supplier must be pursuant to an appropriate contractual agreement that specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract for the benefit of Owner and Engineer.
- L. Owner may furnish to any Subcontractor or Supplier, to the extent practicable, information about amounts paid to Contractor for Work performed for Contractor by the Subcontractor or Supplier.
- M. Contractor shall restrict all Subcontractors and Suppliers from communicating with Engineer or Owner, except through Contractor or in case of an emergency, or as otherwise expressly allowed in this Contract.

7.08 *Patent Fees and Royalties*

- A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If an invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Owner or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights will be disclosed in the Contract Documents.
- B. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, and its officers, directors, members, partners, employees, agents, consultants, and subcontractors, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device specified in the Contract Documents, but not identified as being subject to payment of any license fee or royalty to others required by patent rights or copyrights.

- C. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

7.09 *Permits*

- A. Unless otherwise provided in the Contract Documents, Contractor shall obtain and pay for all construction permits, licenses, and certificates of occupancy. Owner shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of the submission of Contractor's Proposal (or when Contractor became bound under a negotiated contract). Owner shall pay all charges of utility owners for connections for providing permanent service to the Work.

7.10 *Taxes*

- A. Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

7.11 *Laws and Regulations*

- A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.
- B. If Contractor performs any Work or takes any other action knowing or having reason to know that it is contrary to Laws or Regulations, Contractor shall bear all resulting costs and losses, and shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work or other action. It is not Contractor's responsibility to make certain that the Work described in the Contract Documents is in accordance with Laws and Regulations, but this does not relieve Contractor of its obligations under Paragraph 3.03.
- C. Owner or Contractor may give written notice to the other party of any changes after the submission of Contractor's Proposal (or after the date when Contractor became bound under a negotiated contract) in Laws or Regulations having an effect on the cost or time of performance of the Work, including but not limited to changes in Laws or Regulations having an effect on procuring permits and on sales, use, value-added, consumption, and other similar taxes. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times resulting from such changes, then within 30 days of such written notice Contractor may submit a Change Proposal, or Owner may initiate a Claim.

7.12 *Record Documents*

- A. Contractor shall maintain in a safe place at the Site one printed record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, written interpretations and clarifications, and approved Shop Drawings. Contractor shall keep such record documents in good order and annotate them to show changes made during construction. These record documents, together with all approved Samples, will be available to Engineer for reference. Upon completion of the Work, Contractor shall deliver these record documents to Engineer.

7.13 *Safety and Protection*

- A. Contractor shall be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations.
- B. Contractor shall designate a qualified and experienced safety representative whose duties and responsibilities are the prevention of Work-related accidents and the maintenance and supervision of safety precautions and programs.
- C. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:
 - 1. all persons on the Site or who may be affected by the Work;
 - 2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 - 3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, other work in progress, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.
- D. All damage, injury, or loss to any property referred to in Paragraph 7.13.C.2 or 7.13.C.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by Contractor at its expense (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of Owner or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).
- E. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection.
- F. Contractor shall notify Owner; the owners of adjacent property; the owners of Underground Facilities and other utilities (if the identity of such owners is known to Contractor); and other contractors and utility owners performing work at or adjacent to the Site, in writing, when Contractor knows that prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property or work in progress.

- G. Contractor shall comply with the applicable requirements of Owner's safety programs, if any. Any Owner's safety programs that are applicable to the Work are identified or included in the Supplementary Conditions or Specifications.
- H. Contractor shall inform Owner and Engineer of the specific requirements of Contractor's safety program with which Owner's and Engineer's employees and representatives must comply while at the Site.
- I. Contractor's duties and responsibilities for safety and protection will continue until all the Work is completed, Engineer has issued a written notice to Owner and Contractor in accordance with Paragraph 15.06.C that the Work is acceptable, and Contractor has left the Site (except as otherwise expressly provided in connection with Substantial Completion).
- J. Contractor's duties and responsibilities for safety and protection will resume whenever Contractor or any Subcontractor or Supplier returns to the Site to fulfill warranty or correction obligations, or to conduct other tasks arising from the Contract Documents.

7.14 *Hazard Communication Programs*

- A. Contractor shall be responsible for coordinating any exchange of safety data sheets (formerly known as material safety data sheets) or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

7.15 *Emergencies*

- A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused by an emergency, or are required as a result of Contractor's response to an emergency. If Engineer determines that a change in the Contract Documents is required because of an emergency or Contractor's response, a Work Change Directive or Change Order will be issued.

7.16 *Submittals*

A. *Shop Drawing and Sample Requirements*

- 1. Before submitting a Shop Drawing or Sample, Contractor shall:
 - a. review and coordinate the Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;
 - b. determine and verify:
 - 1) all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect to the Submittal;
 - 2) the suitability of all materials and equipment offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and
 - 3) all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto;

- c. confirm that the Submittal is complete with respect to all related data included in the Submittal.
 2. Each Shop Drawing or Sample must bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review of that Submittal, and that Contractor approves the Submittal.
 3. With each Shop Drawing or Sample, Contractor shall give Engineer specific written notice of any variations that the Submittal may have from the requirements of the Contract Documents. This notice must be set forth in a written communication separate from the Submittal; and, in addition, in the case of a Shop Drawing by a specific notation made on the Shop Drawing itself.
- B. *Submittal Procedures for Shop Drawings and Samples:* Contractor shall label and submit Shop Drawings and Samples to Engineer for review and approval in accordance with the accepted Schedule of Submittals.
1. *Shop Drawings*
 - a. Contractor shall submit the number of copies required in the Specifications.
 - b. Data shown on the Shop Drawings must be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Contractor proposes to provide, and to enable Engineer to review the information for the limited purposes required by Paragraph 7.16.C.
 2. *Samples*
 - a. Contractor shall submit the number of Samples required in the Specifications.
 - b. Contractor shall clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Engineer may require to enable Engineer to review the Submittal for the limited purposes required by Paragraph 7.16.C.
 3. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.
- C. *Engineer's Review of Shop Drawings and Samples*
1. Engineer will provide timely review of Shop Drawings and Samples in accordance with the accepted Schedule of Submittals. Engineer's review and approval will be only to determine if the items covered by the Submittals will, after installation or incorporation in the Work, comply with the requirements of the Contract Documents, and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.
 2. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction, or to safety precautions or programs incident thereto.
 3. Engineer's review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.

4. Engineer's review and approval of a Shop Drawing or Sample will not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 7.16.A.3 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer will document any such approved variation from the requirements of the Contract Documents in a Field Order or other appropriate Contract modification.
5. Engineer's review and approval of a Shop Drawing or Sample will not relieve Contractor from responsibility for complying with the requirements of Paragraphs 7.16.A and B.
6. Engineer's review and approval of a Shop Drawing or Sample, or of a variation from the requirements of the Contract Documents, will not, under any circumstances, change the Contract Times or Contract Price, unless such changes are included in a Change Order.
7. Neither Engineer's receipt, review, acceptance, or approval of a Shop Drawing or Sample will result in such item becoming a Contract Document.
8. Contractor shall perform the Work in compliance with the requirements and commitments set forth in approved Shop Drawings and Samples, subject to the provisions of Paragraph 7.16.C.4.

D. Resubmittal Procedures for Shop Drawings and Samples

1. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous Submittals.
2. Contractor shall furnish required Shop Drawing and Sample submittals with sufficient information and accuracy to obtain required approval of an item with no more than two resubmittals. Engineer will record Engineer's time for reviewing a third or subsequent resubmittal of a Shop Drawing or Sample, and Contractor shall be responsible for Engineer's charges to Owner for such time. Owner may impose a set-off against payments due Contractor to secure reimbursement for such charges.
3. If Contractor requests a change of a previously approved Shop Drawing or Sample, Contractor shall be responsible for Engineer's charges to Owner for its review time, and Owner may impose a set-off against payments due Contractor to secure reimbursement for such charges, unless the need for such change is beyond the control of Contractor.

E. Submittals Other than Shop Drawings, Samples, and Owner-Delegated Designs

1. The following provisions apply to all Submittals other than Shop Drawings, Samples, and Owner-delegated designs:
 - a. Contractor shall submit all such Submittals to the Engineer in accordance with the Schedule of Submittals and pursuant to the applicable terms of the Contract Documents.
 - b. Engineer will provide timely review of all such Submittals in accordance with the Schedule of Submittals and return such Submittals with a notation of either Accepted or Not Accepted. Any such Submittal that is not returned within the time established in the Schedule of Submittals will be deemed accepted.

- c. Engineer's review will be only to determine if the Submittal is acceptable under the requirements of the Contract Documents as to general form and content of the Submittal.
 - d. If any such Submittal is not accepted, Contractor shall confer with Engineer regarding the reason for the non-acceptance, and resubmit an acceptable document.
- 2. Procedures for the submittal and acceptance of the Progress Schedule, the Schedule of Submittals, and the Schedule of Values are set forth in Paragraphs 2.03, 2.04, and 2.05.
- F. Owner-delegated Designs: Submittals pursuant to Owner-delegated designs are governed by the provisions of Paragraph 7.19.

7.17 Contractor's General Warranty and Guarantee

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer is entitled to rely on Contractor's warranty and guarantee.
- B. Owner's rights under this warranty and guarantee are in addition to, and are not limited by, Owner's rights under the correction period provisions of Paragraph 15.08. The time in which Owner may enforce its warranty and guarantee rights under this Paragraph 7.17 is limited only by applicable Laws and Regulations restricting actions to enforce such rights; provided, however, that after the end of the correction period under Paragraph 15.08:
 - 1. Owner shall give Contractor written notice of any defective Work within 60 days of the discovery that such Work is defective; and
 - 2. Such notice will be deemed the start of an event giving rise to a Claim under Paragraph 12.01.B, such that any related Claim must be brought within 30 days of the notice.
- C. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:
 - 1. abuse, or improper modification, maintenance, or operation, by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or
 - 2. normal wear and tear under normal usage.
- D. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents is absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents, a release of Contractor's obligation to perform the Work in accordance with the Contract Documents, or a release of Owner's warranty and guarantee rights under this Paragraph 7.17:
 - 1. Observations by Engineer;
 - 2. Recommendation by Engineer or payment by Owner of any progress or final payment;
 - 3. The issuance of a certificate of Substantial Completion by Engineer or any payment related thereto by Owner;
 - 4. Use or occupancy of the Work or any part thereof by Owner;
 - 5. Any review and approval of a Shop Drawing or Sample submittal;
 - 6. The issuance of a notice of acceptability by Engineer;

7. The end of the correction period established in Paragraph 15.08;
 8. Any inspection, test, or approval by others; or
 9. Any correction of defective Work by Owner.
- E. If the Contract requires the Contractor to accept the assignment of a contract entered into by Owner, then the specific warranties, guarantees, and correction obligations contained in the assigned contract will govern with respect to Contractor's performance obligations to Owner for the Work described in the assigned contract.

7.18 Indemnification

- A. To the fullest extent permitted by Laws and Regulations, and in addition to any other obligations of Contractor under the Contract or otherwise, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, from losses, damages, costs, and judgments (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising from third-party claims or actions relating to or resulting from the performance or furnishing of the Work, provided that any such claim, action, loss, cost, judgment or damage is attributable to bodily injury, sickness, disease, or death, or to damage to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable.
- B. In any and all claims against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, by any employee (or the survivor or personal representative of such employee) of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 7.18.A will not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.

7.19 Delegation of Professional Design Services

- A. Owner may require Contractor to provide professional design services for a portion of the Work by express delegation in the Contract Documents. Such delegation will specify the performance and design criteria that such services must satisfy, and the Submittals that Contractor must furnish to Engineer with respect to the Owner-delegated design.
- B. Contractor shall cause such Owner-delegated professional design services to be provided pursuant to the professional standard of care by a properly licensed design professional, whose signature and seal must appear on all drawings, calculations, specifications, certifications, and Submittals prepared by such design professional. Such design professional must issue all certifications of design required by Laws and Regulations.
- C. If a Shop Drawing or other Submittal related to the Owner-delegated design is prepared by Contractor, a Subcontractor, or others for submittal to Engineer, then such Shop Drawing or

- other Submittal must bear the written approval of Contractor's design professional when submitted by Contractor to Engineer.
- D. Owner and Engineer shall be entitled to rely upon the adequacy, accuracy, and completeness of the services, certifications, and approvals performed or provided by the design professionals retained or employed by Contractor under an Owner-delegated design, subject to the professional standard of care and the performance and design criteria stated in the Contract Documents.
 - E. Pursuant to this Paragraph 7.19, Engineer's review, approval, and other determinations regarding design drawings, calculations, specifications, certifications, and other Submittals furnished by Contractor pursuant to an Owner-delegated design will be only for the following limited purposes:
 - 1. Checking for conformance with the requirements of this Paragraph 7.19;
 - 2. Confirming that Contractor (through its design professionals) has used the performance and design criteria specified in the Contract Documents; and
 - 3. Establishing that the design furnished by Contractor is consistent with the design concept expressed in the Contract Documents.
 - F. Contractor shall not be responsible for the adequacy of performance or design criteria specified by Owner or Engineer.
 - G. Contractor is not required to provide professional services in violation of applicable Laws and Regulations.

ARTICLE 8—OTHER WORK AT THE SITE

8.01 *Other Work*

- A. In addition to and apart from the Work under the Contract Documents, the Owner may perform other work at or adjacent to the Site. Such other work may be performed by Owner's employees, or through contracts between the Owner and third parties. Owner may also arrange to have third-party utility owners perform work on their utilities and facilities at or adjacent to the Site.
- B. If Owner performs other work at or adjacent to the Site with Owner's employees, or through contracts for such other work, then Owner shall give Contractor written notice thereof prior to starting any such other work. If Owner has advance information regarding the start of any third-party utility work that Owner has arranged to take place at or adjacent to the Site, Owner shall provide such information to Contractor.
- C. Contractor shall afford proper and safe access to the Site to each contractor that performs such other work, each utility owner performing other work, and Owner, if Owner is performing other work with Owner's employees, and provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work.
- D. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work; provided, however, that Contractor may cut or

alter others' work with the written consent of Engineer and the others whose work will be affected.

- E. If the proper execution or results of any part of Contractor's Work depends upon work performed by others, Contractor shall inspect such other work and promptly report to Engineer in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.
- F. The provisions of this article are not applicable to work that is performed by third-party utilities or other third-party entities without a contract with Owner, or that is performed without having been arranged by Owner. If such work occurs, then any related delay, disruption, or interference incurred by Contractor is governed by the provisions of Paragraph 4.05.C.3.

8.02 *Coordination*

- A. If Owner intends to contract with others for the performance of other work at or adjacent to the Site, to perform other work at or adjacent to the Site with Owner's employees, or to arrange to have utility owners perform work at or adjacent to the Site, the following will be set forth in the Supplementary Conditions or provided to Contractor prior to the start of any such other work:
 - 1. The identity of the individual or entity that will have authority and responsibility for coordination of the activities among the various contractors;
 - 2. An itemization of the specific matters to be covered by such authority and responsibility; and
 - 3. The extent of such authority and responsibilities.
- B. Unless otherwise provided in the Supplementary Conditions, Owner shall have sole authority and responsibility for such coordination.

8.03 *Legal Relationships*

- A. If, in the course of performing other work for Owner at or adjacent to the Site, the Owner's employees, any other contractor working for Owner, or any utility owner that Owner has arranged to perform work, causes damage to the Work or to the property of Contractor or its Subcontractors, or delays, disrupts, interferes with, or increases the scope or cost of the performance of the Work, through actions or inaction, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times. Contractor must submit any Change Proposal seeking an equitable adjustment in the Contract Price or the Contract Times under this paragraph within 30 days of the damaging, delaying, disrupting, or interfering event. The entitlement to, and extent of, any such equitable adjustment will take into account information (if any) regarding such other work that was provided to Contractor in the Contract Documents prior to the submittal of the Proposal or the final negotiation of the terms of the Contract, and any remedies available to Contractor under Laws or Regulations concerning utility action or inaction. When applicable, any such equitable adjustment in Contract Price will be conditioned on Contractor assigning to Owner all Contractor's rights against such other contractor or utility owner with respect to the damage, delay, disruption, or interference that is the subject of the adjustment. Contractor's entitlement to an adjustment of the Contract

- Times or Contract Price is subject to the provisions of Paragraphs 4.05.D and 4.05.E.
- B. Contractor shall take reasonable and customary measures to avoid damaging, delaying, disrupting, or interfering with the work of Owner, any other contractor, or any utility owner performing other work at or adjacent to the Site.
1. If Contractor fails to take such measures and as a result damages, delays, disrupts, or interferes with the work of any such other contractor or utility owner, then Owner may impose a set-off against payments due Contractor, and assign to such other contractor or utility owner the Owner's contractual rights against Contractor with respect to the breach of the obligations set forth in this Paragraph 8.03.B.
 2. When Owner is performing other work at or adjacent to the Site with Owner's employees, Contractor shall be liable to Owner for damage to such other work, and for the reasonable direct delay, disruption, and interference costs incurred by Owner as a result of Contractor's failure to take reasonable and customary measures with respect to Owner's other work. In response to such damage, delay, disruption, or interference, Owner may impose a set-off against payments due Contractor.
- C. If Contractor damages, delays, disrupts, or interferes with the work of any other contractor, or any utility owner performing other work at or adjacent to the Site, through Contractor's failure to take reasonable and customary measures to avoid such impacts, or if any claim arising out of Contractor's actions, inactions, or negligence in performance of the Work at or adjacent to the Site is made by any such other contractor or utility owner against Contractor, Owner, or Engineer, then Contractor shall (1) promptly attempt to settle the claim as to all parties through negotiations with such other contractor or utility owner, or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law, and (2) indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against any such claims, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such damage, delay, disruption, or interference.

ARTICLE 9—OWNER'S RESPONSIBILITIES

9.01 *Communications to Contractor*

- A. Except as otherwise provided in these General Conditions, Owner shall issue all communications to Contractor through Engineer.

9.02 *Replacement of Engineer*

- A. Owner may at its discretion appoint an engineer to replace Engineer, provided Contractor makes no reasonable objection to the replacement engineer. The replacement engineer's status under the Contract Documents will be that of the former Engineer.

9.03 *Furnish Data*

- A. Owner shall promptly furnish the data required of Owner under the Contract Documents.

9.04 *Pay When Due*

- A. Owner shall make payments to Contractor when they are due as provided in the Agreement.

9.05 *Lands and Easements; Reports, Tests, and Drawings*

- A. Owner's duties with respect to providing lands and easements are set forth in Paragraph 5.01.
- B. Owner's duties with respect to providing engineering surveys to establish reference points are set forth in Paragraph 4.03.
- C. Article 5 refers to Owner's identifying and making available to Contractor copies of reports of explorations and tests of conditions at the Site, and drawings of physical conditions relating to existing surface or subsurface structures at the Site.

9.06 *Insurance*

- A. Owner's responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 6.

9.07 *Change Orders*

- A. Owner's responsibilities with respect to Change Orders are set forth in Article 11.

9.08 *Inspections, Tests, and Approvals*

- A. Owner's responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 14.02.B.

9.09 *Limitations on Owner's Responsibilities*

- A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

9.10 *Undisclosed Hazardous Environmental Condition*

- A. Owner's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 5.06.

9.11 *Evidence of Financial Arrangements*

- A. Upon request of Contractor, Owner shall furnish Contractor reasonable evidence that financial arrangements have been made to satisfy Owner's obligations under the Contract (including obligations under proposed changes in the Work).

9.12 *Safety Programs*

- A. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed.
- B. Owner shall furnish copies of any applicable Owner safety programs to Contractor.

ARTICLE 10—ENGINEER'S STATUS DURING CONSTRUCTION

10.01 *Owner's Representative*

- A. Engineer will be Owner's representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in the Contract.

10.02 *Visits to Site*

- A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe, as an experienced and qualified design professional, the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, Engineer will keep Owner informed of the progress of the Work and will endeavor to guard Owner against defective Work.
- B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 10.07. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

10.03 *Resident Project Representative*

- A. If Owner and Engineer have agreed that Engineer will furnish a Resident Project Representative to represent Engineer at the Site and assist Engineer in observing the progress and quality of the Work, then the authority and responsibilities of any such Resident Project Representative will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in the Supplementary Conditions and in Paragraph 10.07.
- B. If Owner designates an individual or entity who is not Engineer's consultant, agent, or employee to represent Owner at the Site, then the responsibilities and authority of such individual or entity will be as provided in the Supplementary Conditions.

10.04 *Engineer's Authority*

- A. Engineer has the authority to reject Work in accordance with Article 14.
- B. Engineer's authority as to Submittals is set forth in Paragraph 7.16.
- C. Engineer's authority as to design drawings, calculations, specifications, certifications and other Submittals from Contractor in response to Owner's delegation (if any) to Contractor of professional design services, is set forth in Paragraph 7.19.
- D. Engineer's authority as to changes in the Work is set forth in Article 11.
- E. Engineer's authority as to Applications for Payment is set forth in Article 15.

10.05 *Determinations for Unit Price Work*

- A. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor as set forth in Paragraph 13.03.

10.06 *Decisions on Requirements of Contract Documents and Acceptability of Work*

- A. Engineer will render decisions regarding the requirements of the Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth herein for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.

10.07 *Limitations on Engineer's Authority and Responsibilities*

- A. Neither Engineer's authority or responsibility under this Article 10 or under any other provision of the Contract, nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer, will create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.
- C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. Engineer's review of the final Application for Payment and accompanying documentation, and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Contractor under Paragraph 15.06.A, will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals, that the results certified indicate compliance with the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 10.07 also apply to the Resident Project Representative, if any.

10.08 *Compliance with Safety Program*

- A. While at the Site, Engineer's employees and representatives will comply with the specific applicable requirements of Owner's and Contractor's safety programs of which Engineer has been informed.

ARTICLE 11—CHANGES TO THE CONTRACT

11.01 *Amending and Supplementing the Contract*

- A. The Contract may be amended or supplemented by a Change Order, a Work Change Directive, or a Field Order.
- B. If an amendment or supplement to the Contract includes a change in the Contract Price or the Contract Times, such amendment or supplement must be set forth in a Change Order.
- C. All changes to the Contract that involve (1) the performance or acceptability of the Work, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other

engineering or technical matters, must be supported by Engineer's recommendation. Owner and Contractor may amend other terms and conditions of the Contract without the recommendation of the Engineer.

11.02 *Change Orders*

- A. Owner and Contractor shall execute appropriate Change Orders covering:
 - 1. Changes in Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive;
 - 2. Changes in Contract Price resulting from an Owner set-off, unless Contractor has duly contested such set-off;
 - 3. Changes in the Work which are: (a) ordered by Owner pursuant to Paragraph 11.05, (b) required because of Owner's acceptance of defective Work under Paragraph 14.04 or Owner's correction of defective Work under Paragraph 14.07, or (c) agreed to by the parties, subject to the need for Engineer's recommendation if the change in the Work involves the design (as set forth in the Drawings, Specifications, or otherwise) or other engineering or technical matters; and
 - 4. Changes that embody the substance of any final and binding results under: Paragraph 11.03.B, resolving the impact of a Work Change Directive; Paragraph 11.09, concerning Change Proposals; Article 12, Claims; Paragraph 13.02.D, final adjustments resulting from allowances; Paragraph 13.03.D, final adjustments relating to determination of quantities for Unit Price Work; and similar provisions.
- B. If Owner or Contractor refuses to execute a Change Order that is required to be executed under the terms of Paragraph 11.02.A, it will be deemed to be of full force and effect, as if fully executed.

11.03 *Work Change Directives*

- A. A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the modification ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order, following negotiations by the parties as to the Work Change Directive's effect, if any, on the Contract Price and Contract Times; or, if negotiations are unsuccessful, by a determination under the terms of the Contract Documents governing adjustments, expressly including Paragraph 11.07 regarding change of Contract Price.
- B. If Owner has issued a Work Change Directive and:
 - 1. Contractor believes that an adjustment in Contract Times or Contract Price is necessary, then Contractor shall submit any Change Proposal seeking such an adjustment no later than 30 days after the completion of the Work set out in the Work Change Directive.
 - 2. Owner believes that an adjustment in Contract Times or Contract Price is necessary, then Owner shall submit any Claim seeking such an adjustment no later than 60 days after issuance of the Work Change Directive.

11.04 *Field Orders*

- A. Engineer may authorize minor changes in the Work if the changes do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design

concept of the completed Project as a functioning whole as indicated by the Contract Documents. Such changes will be accomplished by a Field Order and will be binding on Owner and also on Contractor, which shall perform the Work involved promptly.

- B. If Contractor believes that a Field Order justifies an adjustment in the Contract Price or Contract Times, then before proceeding with the Work at issue, Contractor shall submit a Change Proposal as provided herein.

11.05 *Owner-Authorized Changes in the Work*

- A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work. Changes involving the design (as set forth in the Drawings, Specifications, or otherwise) or other engineering or technical matters will be supported by Engineer's recommendation.
- B. Such changes in the Work may be accomplished by a Change Order, if Owner and Contractor have agreed as to the effect, if any, of the changes on Contract Times or Contract Price; or by a Work Change Directive. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved; or, in the case of a deletion in the Work, promptly cease construction activities with respect to such deleted Work. Added or revised Work must be performed under the applicable conditions of the Contract Documents.
- C. Nothing in this Paragraph 11.05 obligates Contractor to undertake work that Contractor reasonably concludes cannot be performed in a manner consistent with Contractor's safety obligations under the Contract Documents or Laws and Regulations.

11.06 *Unauthorized Changes in the Work*

- A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents, as amended, modified, or supplemented, except in the case of an emergency as provided in Paragraph 7.15 or in the case of uncovering Work as provided in Paragraph 14.05.C.2.

11.07 *Change of Contract Price*

- A. The Contract Price may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Price must comply with the provisions of Paragraph 11.09. Any Claim for an adjustment of Contract Price must comply with the provisions of Article 12.
- B. An adjustment in the Contract Price will be determined as follows:
 - 1. Where the Work involved is covered by unit prices contained in the Contract Documents, then by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 13.03);
 - 2. Where the Work involved is not covered by unit prices contained in the Contract Documents, then by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 11.07.C.2); or
 - 3. Where the Work involved is not covered by unit prices contained in the Contract Documents and the parties do not reach mutual agreement to a lump sum, then on the basis of the Cost of the Work (determined as provided in Paragraph 13.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 11.07.C).
- C. *Contractor's Fee:* When applicable, the Contractor's fee for overhead and profit will be

determined as follows:

1. A mutually acceptable fixed fee; or
2. If a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:
 - a. For costs incurred under Paragraphs 13.01.B.1 and 13.01.B.2, the Contractor's fee will be 15 percent;
 - b. For costs incurred under Paragraph 13.01.B.3, the Contractor's fee will be 5 percent;
 - c. Where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraphs 11.07.C.2.a and 11.07.C.2.b is that the Contractor's fee will be based on: (1) a fee of 15 percent of the costs incurred under Paragraphs 13.01.B.1 and 13.01.B.2 by the Subcontractor that actually performs the Work, at whatever tier, and (2) with respect to Contractor itself and to any Subcontractors of a tier higher than that of the Subcontractor that actually performs the Work, a fee of 5 percent of the amount (fee plus underlying costs incurred) attributable to the next lower tier Subcontractor; provided, however, that for any such subcontracted Work the maximum total fee to be paid by Owner will be no greater than 27 percent of the costs incurred by the Subcontractor that actually performs the Work;
 - d. No fee will be payable on the basis of costs itemized under Paragraphs 13.01.B.4, 13.01.B.5, and 13.01.C;
 - e. The amount of credit to be allowed by Contractor to Owner for any change which results in a net decrease in Cost of the Work will be the amount of the actual net decrease in Cost of the Work and a deduction of an additional amount equal to 5 percent of such actual net decrease in Cost of the Work; and
 - f. When both additions and credits are involved in any one change or Change Proposal, the adjustment in Contractor's fee will be computed by determining the sum of the costs in each of the cost categories in Paragraph 13.01.B (specifically, payroll costs, Paragraph 13.01.B.1; incorporated materials and equipment costs, Paragraph 13.01.B.2; Subcontract costs, Paragraph 13.01.B.3; special consultants costs, Paragraph 13.01.B.4; and other costs, Paragraph 13.01.B.5) and applying to each such cost category sum the appropriate fee from Paragraphs 11.07.C.2.a through 11.07.C.2.e, inclusive.

11.08 *Change of Contract Times*

- A. The Contract Times may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Times must comply with the provisions of Paragraph 11.09. Any Claim for an adjustment in the Contract Times must comply with the provisions of Article 12.
- B. Delay, disruption, and interference in the Work, and any related changes in Contract Times, are addressed in and governed by Paragraph 4.05.

11.09 *Change Proposals*

- A. *Purpose and Content:* Contractor shall submit a Change Proposal to Engineer to request an adjustment in the Contract Times or Contract Price; contest an initial decision by Engineer concerning the requirements of the Contract Documents or relating to the acceptability of

the Work under the Contract Documents; challenge a set-off against payment due; or seek other relief under the Contract. The Change Proposal will specify any proposed change in Contract Times or Contract Price, or other proposed relief, and explain the reason for the proposed change, with citations to any governing or applicable provisions of the Contract Documents. Each Change Proposal will address only one issue, or a set of closely related issues.

B. *Change Proposal Procedures*

1. *Submittal*: Contractor shall submit each Change Proposal to Engineer within 30 days after the start of the event giving rise thereto, or after such initial decision.
2. *Supporting Data*: The Contractor shall submit supporting data, including the proposed change in Contract Price or Contract Time (if any), to the Engineer and Owner within 15 days after the submittal of the Change Proposal.
 - a. Change Proposals based on or related to delay, interruption, or interference must comply with the provisions of Paragraphs 4.05.D and 4.05.E.
 - b. Change proposals related to a change of Contract Price must include full and detailed accounts of materials incorporated into the Work and labor and equipment used for the subject Work.

The supporting data must be accompanied by a written statement that the supporting data are accurate and complete, and that any requested time or price adjustment is the entire adjustment to which Contractor believes it is entitled as a result of said event.

3. *Engineer's Initial Review*: Engineer will advise Owner regarding the Change Proposal, and consider any comments or response from Owner regarding the Change Proposal. If in its discretion Engineer concludes that additional supporting data is needed before conducting a full review and making a decision regarding the Change Proposal, then Engineer may request that Contractor submit such additional supporting data by a date specified by Engineer, prior to Engineer beginning its full review of the Change Proposal.
4. *Engineer's Full Review and Action on the Change Proposal*: Upon receipt of Contractor's supporting data (including any additional data requested by Engineer), Engineer will conduct a full review of each Change Proposal and, within 30 days after such receipt of the Contractor's supporting data, either approve the Change Proposal in whole, deny it in whole, or approve it in part and deny it in part. Such actions must be in writing, with a copy provided to Owner and Contractor. If Engineer does not take action on the Change Proposal within 30 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of Engineer's inaction the Change Proposal is deemed denied, thereby commencing the time for appeal of the denial under Article 12.
5. *Binding Decision*: Engineer's decision is final and binding upon Owner and Contractor, unless Owner or Contractor appeals the decision by filing a Claim under Article 12.

- C. *Resolution of Certain Change Proposals*: If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties in writing that the Engineer is unable to resolve the Change Proposal. For purposes of further resolution of such a Change Proposal, such notice will be deemed a denial, and Contractor may choose to seek resolution under the terms of Article 12.

- D. *Post-Completion*: Contractor shall not submit any Change Proposals after Engineer issues a written recommendation of final payment pursuant to Paragraph 15.06.B.

11.10 *Notification to Surety*

- A. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

ARTICLE 12—CLAIMS

12.01 *Claims*

- A. *Claims Process*: The following disputes between Owner and Contractor are subject to the Claims process set forth in this article:
1. Appeals by Owner or Contractor of Engineer's decisions regarding Change Proposals;
 2. Owner demands for adjustments in the Contract Price or Contract Times, or other relief under the Contract Documents;
 3. Disputes that Engineer has been unable to address because they do not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters; and
 4. Subject to the waiver provisions of Paragraph 15.07, any dispute arising after Engineer has issued a written recommendation of final payment pursuant to Paragraph 15.06.B.
- B. *Submittal of Claim*: The party submitting a Claim shall deliver it directly to the other party to the Contract promptly (but in no event later than 30 days) after the start of the event giving rise thereto; in the case of appeals regarding Change Proposals within 30 days of the decision under appeal. The party submitting the Claim shall also furnish a copy to the Engineer, for its information only. The responsibility to substantiate a Claim rests with the party making the Claim. In the case of a Claim by Contractor seeking an increase in the Contract Times or Contract Price, Contractor shall certify that the Claim is made in good faith, that the supporting data are accurate and complete, and that to the best of Contractor's knowledge and belief the amount of time or money requested accurately reflects the full amount to which Contractor is entitled.
- C. *Review and Resolution*: The party receiving a Claim shall review it thoroughly, giving full consideration to its merits. The two parties shall seek to resolve the Claim through the exchange of information and direct negotiations. The parties may extend the time for resolving the Claim by mutual agreement. All actions taken on a Claim will be stated in writing and submitted to the other party, with a copy to Engineer.
- D. *Mediation*
1. At any time after initiation of a Claim, Owner and Contractor may mutually agree to mediation of the underlying dispute. The agreement to mediate will stay the Claim submittal and response process.
 2. If Owner and Contractor agree to mediation, then after 60 days from such agreement, either Owner or Contractor may unilaterally terminate the mediation process, and the

Claim submittal and decision process will resume as of the date of the termination. If the mediation proceeds but is unsuccessful in resolving the dispute, the Claim submittal and decision process will resume as of the date of the conclusion of the mediation, as determined by the mediator.

3. Owner and Contractor shall each pay one-half of the mediator's fees and costs.
- E. *Partial Approval*: If the party receiving a Claim approves the Claim in part and denies it in part, such action will be final and binding unless within 30 days of such action the other party invokes the procedure set forth in Article 17 for final resolution of disputes.
- F. *Denial of Claim*: If efforts to resolve a Claim are not successful, the party receiving the Claim may deny it by giving written notice of denial to the other party. If the receiving party does not take action on the Claim within 90 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of the inaction, the Claim is deemed denied, thereby commencing the time for appeal of the denial. A denial of the Claim will be final and binding unless within 30 days of the denial the other party invokes the procedure set forth in Article 17 for the final resolution of disputes.
- G. *Final and Binding Results*: If the parties reach a mutual agreement regarding a Claim, whether through approval of the Claim, direct negotiations, mediation, or otherwise; or if a Claim is approved in part and denied in part, or denied in full, and such actions become final and binding; then the results of the agreement or action on the Claim will be incorporated in a Change Order or other written document to the extent they affect the Contract, including the Work, the Contract Times, or the Contract Price.

ARTICLE 13—COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

13.01 *Cost of the Work*

- A. *Purposes for Determination of Cost of the Work*: The term Cost of the Work means the sum of all costs necessary for the proper performance of the Work at issue, as further defined below. The provisions of this Paragraph 13.01 are used for two distinct purposes:
 1. To determine Cost of the Work when Cost of the Work is a component of the Contract Price, under cost-plus-fee, time-and-materials, or other cost-based terms; or
 2. When needed to determine the value of a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price. When the value of any such adjustment is determined on the basis of Cost of the Work, Contractor is entitled only to those additional or incremental costs required because of the change in the Work or because of the event giving rise to the adjustment.
- B. *Costs Included*: Except as otherwise may be agreed to in writing by Owner, costs included in the Cost of the Work will be in amounts no higher than those commonly incurred in the locality of the Project, will not include any of the costs itemized in Paragraph 13.01.C, and will include only the following items:
 1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Owner and Contractor in advance of the subject Work. Such employees include, without limitation, superintendents, foremen, safety managers, safety representatives, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on

the Work will be apportioned on the basis of their time spent on the Work. Payroll costs include, but are not limited to, salaries and wages plus the cost of fringe benefits, which include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, sick leave, and vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, will be included in the above to the extent authorized by Owner.

2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts accrue to Contractor unless Owner deposits funds with Contractor with which to make payments, in which case the cash discounts will accrue to Owner. All trade discounts, rebates, and refunds and returns from sale of surplus materials and equipment will accrue to Owner, and Contractor shall make provisions so that they may be obtained.
3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Owner, Contractor shall obtain competitive proposals from subcontractors acceptable to Owner and Contractor and shall deliver such proposals to Owner, which will then determine, with the advice of Engineer, which proposals, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee will be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 13.01.
4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed or retained for services specifically related to the Work.
5. Other costs consisting of the following:
 - a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.
 - b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.
 - 1) In establishing included costs for materials such as scaffolding, plating, or sheeting, consideration will be given to the actual or the estimated life of the material for use on other projects; or rental rates may be established on the basis of purchase or salvage value of such items, whichever is less. Contractor will not be eligible for compensation for such items in an amount that exceeds the purchase cost of such item.
 - c. *Construction Equipment Rental*
 - 1) Rentals of all construction equipment and machinery, and the parts thereof, in accordance with rental agreements approved by Owner as to price (including any surcharge or special rates applicable to overtime use of the construction equipment or machinery), and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs will be in accordance

with the terms of said rental agreements. The rental of any such equipment, machinery, or parts must cease when the use thereof is no longer necessary for the Work.

- 2) Costs for equipment and machinery owned by Contractor or a Contractor-related entity will be paid at a rate shown for such equipment in the equipment rental rate book specified in the Supplementary Conditions. An hourly rate will be computed by dividing the monthly rates by 176. These computed rates will include all operating costs.
 - 3) With respect to Work that is the result of a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price ("changed Work"), included costs will be based on the time the equipment or machinery is in use on the changed Work and the costs of transportation, loading, unloading, assembly, dismantling, and removal when directly attributable to the changed Work. The cost of any such equipment or machinery, or parts thereof, must cease to accrue when the use thereof is no longer necessary for the changed Work.
- d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.
 - e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
 - f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of builder's risk or other property insurance established in accordance with Paragraph 6.04), provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses include settlements made with the written consent and approval of Owner. No such losses, damages, and expenses will be included in the Cost of the Work for the purpose of determining Contractor's fee.
 - g. The cost of utilities, fuel, and sanitary facilities at the Site.
 - h. Minor expenses such as communication service at the Site, express and courier services, and similar petty cash items in connection with the Work.
 - i. The costs of premiums for all bonds and insurance that Contractor is required by the Contract Documents to purchase and maintain.
- C. *Costs Excluded:* The term Cost of the Work does not include any of the following items:
1. Payroll costs and other compensation of Contractor's officers, executives, principals, general managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 13.01.B.1 or specifically covered by Paragraph 13.01.B.4. The payroll costs and other compensation excluded here are to be considered administrative costs covered by the Contractor's fee.

2. The cost of purchasing, renting, or furnishing small tools and hand tools.
3. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
4. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.
5. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
6. Expenses incurred in preparing and advancing Claims.
7. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraph 13.01.B.

D. *Contractor's Fee*

1. When the Work as a whole is performed on the basis of cost-plus-a-fee, then:
 - a. Contractor's fee for the Work set forth in the Contract Documents as of the Effective Date of the Contract will be determined as set forth in the Agreement.
 - b. for any Work covered by a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price on the basis of Cost of the Work, Contractor's fee will be determined as follows:
 - 1) When the fee for the Work as a whole is a percentage of the Cost of the Work, the fee will automatically adjust as the Cost of the Work changes.
 - 2) When the fee for the Work as a whole is a fixed fee, the fee for any additions or deletions will be determined in accordance with Paragraph 11.07.C.2.
2. When the Work as a whole is performed on the basis of a stipulated sum, or any other basis other than cost-plus-a-fee, then Contractor's fee for any Work covered by a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price on the basis of Cost of the Work will be determined in accordance with Paragraph 11.07.C.2.

- E. *Documentation and Audit:* Whenever the Cost of the Work for any purpose is to be determined pursuant to this Article 13, Contractor and pertinent Subcontractors will establish and maintain records of the costs in accordance with generally accepted accounting practices. Subject to prior written notice, Owner will be afforded reasonable access, during normal business hours, to all Contractor's accounts, records, books, correspondence, instructions, drawings, receipts, vouchers, memoranda, and similar data relating to the Cost of the Work and Contractor's fee. Contractor shall preserve all such documents for a period of three years after the final payment by Owner. Pertinent Subcontractors will afford such access to Owner, and preserve such documents, to the same extent required of Contractor.

13.02 *Allowances*

- A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.

- B. *Cash Allowances*: Contractor agrees that:
1. the cash allowances include the cost to Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and
 2. Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment for any of the foregoing will be valid.
- C. *Owner's Contingency Allowance*: Contractor agrees that an Owner's contingency allowance, if any, is for the sole use of Owner to cover unanticipated costs.
- D. Prior to final payment, an appropriate Change Order will be issued as recommended by Engineer to reflect actual amounts due Contractor for Work covered by allowances, and the Contract Price will be correspondingly adjusted.

13.03 *Unit Price Work*

- A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.
- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Proposals and determining an initial Contract Price. Payments to Contractor for Unit Price Work will be based on actual quantities.
- C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.
- D. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Engineer's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Owner and Contractor, and the final adjustment of Contract Price will be set forth in a Change Order, subject to the provisions of the following paragraph.
- E. *Adjustments in Unit Price*
1. Contractor or Owner shall be entitled to an adjustment in the unit price with respect to an item of Unit Price Work if:
 - a. the quantity of the item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement; and
 - b. Contractor's unit costs to perform the item of Unit Price Work have changed materially and significantly as a result of the quantity change.
 2. The adjustment in unit price will account for and be coordinated with any related changes in quantities of other items of Work, and in Contractor's costs to perform such other Work, such that the resulting overall change in Contract Price is equitable to Owner and

Contractor.

3. Adjusted unit prices will apply to all units of that item.

ARTICLE 14—TESTS AND INSPECTIONS; CORRECTION, REMOVAL, OR ACCEPTANCE OF DEFECTIVE WORK

14.01 *Access to Work*

- A. Owner, Engineer, their consultants and other representatives and personnel of Owner, independent testing laboratories, and authorities having jurisdiction have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply with such procedures and programs as applicable.

14.02 *Tests, Inspections, and Approvals*

- A. Contractor shall give Engineer timely notice of readiness of the Work (or specific parts thereof) for all required inspections and tests, and shall cooperate with inspection and testing personnel to facilitate required inspections and tests.
- B. Owner shall retain and pay for the services of an independent inspector, testing laboratory, or other qualified individual or entity to perform all inspections and tests expressly required by the Contract Documents to be furnished and paid for by Owner, except that costs incurred in connection with tests or inspections of covered Work will be governed by the provisions of Paragraph 14.05.
- C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Engineer the required certificates of inspection or approval.
- D. Contractor shall be responsible for arranging, obtaining, and paying for all inspections and tests required:
 1. by the Contract Documents, unless the Contract Documents expressly allocate responsibility for a specific inspection or test to Owner;
 2. to attain Owner's and Engineer's acceptance of materials or equipment to be incorporated in the Work;
 3. by manufacturers of equipment furnished under the Contract Documents;
 4. for testing, adjusting, and balancing of mechanical, electrical, and other equipment to be incorporated into the Work; and
 5. for acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work.

Such inspections and tests will be performed by independent inspectors, testing laboratories, or other qualified individuals or entities acceptable to Owner and Engineer.

- E. If the Contract Documents require the Work (or part thereof) to be approved by Owner, Engineer, or another designated individual or entity, then Contractor shall assume full responsibility for arranging and obtaining such approvals.

- F. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation. Such uncovering will be at Contractor's expense unless Contractor had given Engineer timely notice of Contractor's intention to cover the same and Engineer had not acted with reasonable promptness in response to such notice.

14.03 *Defective Work*

- A. *Contractor's Obligation:* It is Contractor's obligation to assure that the Work is not defective.
- B. *Engineer's Authority:* Engineer has the authority to determine whether Work is defective, and to reject defective Work.
- C. *Notice of Defects:* Prompt written notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor.
- D. *Correction, or Removal and Replacement:* Promptly after receipt of written notice of defective Work, Contractor shall correct all such defective Work, whether or not fabricated, installed, or completed, or, if Engineer has rejected the defective Work, remove it from the Project and replace it with Work that is not defective.
- E. *Preservation of Warranties:* When correcting defective Work, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.
- F. *Costs and Damages:* In addition to its correction, removal, and replacement obligations with respect to defective Work, Contractor shall pay all claims, costs, losses, and damages arising out of or relating to defective Work, including but not limited to the cost of the inspection, testing, correction, removal, replacement, or reconstruction of such defective Work, fines levied against Owner by governmental authorities because the Work is defective, and the costs of repair or replacement of work of others resulting from defective Work. Prior to final payment, if Owner and Contractor are unable to agree as to the measure of such claims, costs, losses, and damages resulting from defective Work, then Owner may impose a reasonable set-off against payments due under Article 15.

14.04 *Acceptance of Defective Work*

- A. If, instead of requiring correction or removal and replacement of defective Work, Owner prefers to accept it, Owner may do so (subject, if such acceptance occurs prior to final payment, to Engineer's confirmation that such acceptance is in general accord with the design intent and applicable engineering principles, and will not endanger public safety). Contractor shall pay all claims, costs, losses, and damages attributable to Owner's evaluation of and determination to accept such defective Work (such costs to be approved by Engineer as to reasonableness), and for the diminished value of the Work to the extent not otherwise paid by Contractor. If any such acceptance occurs prior to final payment, the necessary revisions in the Contract Documents with respect to the Work will be incorporated in a Change Order. If the parties are unable to agree as to the decrease in the Contract Price, reflecting the diminished value of Work so accepted, then Owner may impose a reasonable set-off against payments due under Article 15. If the acceptance of defective Work occurs after final payment, Contractor shall pay an appropriate amount to Owner.

14.05 *Uncovering Work*

- A. Engineer has the authority to require additional inspection or testing of the Work, whether

or not the Work is fabricated, installed, or completed.

- B. If any Work is covered contrary to the written request of Engineer, then Contractor shall, if requested by Engineer, uncover such Work for Engineer's observation, and then replace the covering, all at Contractor's expense.
- C. If Engineer considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, then Contractor, at Engineer's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as Engineer may require, that portion of the Work in question, and provide all necessary labor, material, and equipment.
 - 1. If it is found that the uncovered Work is defective, Contractor shall be responsible for all claims, costs, losses, and damages arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and pending Contractor's full discharge of this responsibility the Owner shall be entitled to impose a reasonable set-off against payments due under Article 15.
 - 2. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, then Contractor may submit a Change Proposal within 30 days of the determination that the Work is not defective.

14.06 *Owner May Stop the Work*

- A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, then Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work will not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

14.07 *Owner May Correct Defective Work*

- A. If Contractor fails within a reasonable time after written notice from Engineer to correct defective Work, or to remove and replace defective Work as required by Engineer, then Owner may, after 7 days' written notice to Contractor, correct or remedy any such deficiency.
- B. In exercising the rights and remedies under this Paragraph 14.07, Owner shall proceed expeditiously. In connection with such corrective or remedial action, Owner may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, and incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, Owner's representatives, agents and employees, Owner's other contractors, and Engineer and Engineer's consultants access to the Site to enable Owner to exercise the rights and remedies under this paragraph.
- C. All claims, costs, losses, and damages incurred or sustained by Owner in exercising the rights and remedies under this Paragraph 14.07 will be charged against Contractor as set-offs against payments due under Article 15. Such claims, costs, losses and damages will include

but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.

- D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Owner of Owner's rights and remedies under this Paragraph 14.07.

ARTICLE 15—PAYMENTS TO CONTRACTOR; SET-OFFS; COMPLETION; CORRECTION PERIOD

15.01 Progress Payments

- A. *Basis for Progress Payments:* The Schedule of Values established as provided in Article 2 will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Engineer. Progress payments for Unit Price Work will be based on the number of units completed during the pay period, as determined under the provisions of Paragraph 13.03. Progress payments for cost-based Work will be based on Cost of the Work completed by Contractor during the pay period.

B. *Applications for Payments*

1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Engineer for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents.
2. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment must also be accompanied by: (a) a bill of sale, invoice, copies of subcontract or purchase order payments, or other documentation establishing full payment by Contractor for the materials and equipment; (b) at Owner's request, documentation warranting that Owner has received the materials and equipment free and clear of all Liens; and (c) evidence that the materials and equipment are covered by appropriate property insurance, a warehouse bond, or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.
3. Beginning with the second Application for Payment, each Application must include an affidavit of Contractor stating that all previous progress payments received by Contractor have been applied to discharge Contractor's legitimate obligations associated with prior Applications for Payment.
4. The amount of retainage with respect to progress payments will be as stipulated in the Agreement.

C. *Review of Applications*

1. Engineer will, within 10 days after receipt of each Application for Payment, including each resubmittal, either indicate in writing a recommendation of payment and present the Application to Owner, or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.
2. Engineer's recommendation of any payment requested in an Application for Payment will

constitute a representation by Engineer to Owner, based on Engineer's observations of the executed Work as an experienced and qualified design professional, and on Engineer's review of the Application for Payment and the accompanying data and schedules, that to the best of Engineer's knowledge, information and belief:

- a. the Work has progressed to the point indicated;
 - b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 13.03, and any other qualifications stated in the recommendation); and
 - c. the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work.
3. By recommending any such payment Engineer will not thereby be deemed to have represented that:
- a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Contract; or
 - b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Owner or entitle Owner to withhold payment to Contractor.
4. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment, including final payment, will impose responsibility on Engineer:
- a. to supervise, direct, or control the Work;
 - b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto;
 - c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work;
 - d. to make any examination to ascertain how or for what purposes Contractor has used the money paid by Owner; or
 - e. to determine that title to any of the Work, materials, or equipment has passed to Owner free and clear of any Liens.
5. Engineer may refuse to recommend the whole or any part of any payment if, in Engineer's opinion, it would be incorrect to make the representations to Owner stated in Paragraph 15.01.C.2.
6. Engineer will recommend reductions in payment (set-offs) necessary in Engineer's opinion to protect Owner from loss because:
- a. the Work is defective, requiring correction or replacement;
 - b. the Contract Price has been reduced by Change Orders;

- c. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;
- d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible; or
- e. Engineer has actual knowledge of the occurrence of any of the events that would constitute a default by Contractor and therefore justify termination for cause under the Contract Documents.

D. Payment Becomes Due

- 1. Ten days after presentation of the Application for Payment to Owner with Engineer's recommendation, the amount recommended (subject to any Owner set-offs) will become due, and when due will be paid by Owner to Contractor.

E. Reductions in Payment by Owner

- 1. In addition to any reductions in payment (set-offs) recommended by Engineer, Owner is entitled to impose a set-off against payment based on any of the following:
 - a. Claims have been made against Owner based on Contractor's conduct in the performance or furnishing of the Work, or Owner has incurred costs, losses, or damages resulting from Contractor's conduct in the performance or furnishing of the Work, including but not limited to claims, costs, losses, or damages from workplace injuries, adjacent property damage, non-compliance with Laws and Regulations, and patent infringement;
 - b. Contractor has failed to take reasonable and customary measures to avoid damage, delay, disruption, and interference with other work at or adjacent to the Site;
 - c. Contractor has failed to provide and maintain required bonds or insurance;
 - d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible;
 - e. Owner has incurred extra charges or engineering costs related to submittal reviews, evaluations of proposed substitutes, tests and inspections, or return visits to manufacturing or assembly facilities;
 - f. The Work is defective, requiring correction or replacement;
 - g. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;
 - h. The Contract Price has been reduced by Change Orders;
 - i. An event has occurred that would constitute a default by Contractor and therefore justify a termination for cause;
 - j. Liquidated or other damages have accrued as a result of Contractor's failure to achieve Milestones, Substantial Completion, or final completion of the Work;
 - k. Liens have been filed in connection with the Work, except where Contractor has delivered a specific bond satisfactory to Owner to secure the satisfaction and discharge of such Liens; or
 - l. Other items entitle Owner to a set-off against the amount recommended.

2. If Owner imposes any set-off against payment, whether based on its own knowledge or on the written recommendations of Engineer, Owner will give Contractor immediate written notice (with a copy to Engineer) stating the reasons for such action and the specific amount of the reduction, and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Owner shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Owner and Contractor, if Contractor remedies the reasons for such action. The reduction imposed will be binding on Contractor unless it duly submits a Change Proposal contesting the reduction.
3. Upon a subsequent determination that Owner's refusal of payment was not justified, the amount wrongfully withheld will be treated as an amount due as determined by Paragraph 15.01.D.1 and subject to interest as provided in the Agreement.

15.02 *Contractor's Warranty of Title*

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment furnished under the Contract will pass to Owner free and clear of (1) all Liens and other title defects, and (2) all patent, licensing, copyright, or royalty obligations, no later than 7 days after the time of payment by Owner.

15.03 *Substantial Completion*

- A. When Contractor considers the entire Work ready for its intended use Contractor shall notify Owner and Engineer in writing that the entire Work is substantially complete and request that Engineer issue a certificate of Substantial Completion. Contractor shall at the same time submit to Owner and Engineer an initial draft of punch list items to be completed or corrected before final payment.
- B. Promptly after Contractor's notification, Owner, Contractor, and Engineer shall make an inspection of the Work to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor in writing giving the reasons therefor.
- C. If Engineer considers the Work substantially complete, Engineer will deliver to Owner a preliminary certificate of Substantial Completion which will fix the date of Substantial Completion. Engineer shall attach to the certificate a punch list of items to be completed or corrected before final payment. Owner shall have 7 days after receipt of the preliminary certificate during which to make written objection to Engineer as to any provisions of the certificate or attached punch list. If, after considering the objections to the provisions of the preliminary certificate, Engineer concludes that the Work is not substantially complete, Engineer will, within 14 days after submission of the preliminary certificate to Owner, notify Contractor in writing that the Work is not substantially complete, stating the reasons therefor. If Owner does not object to the provisions of the certificate, or if despite consideration of Owner's objections Engineer concludes that the Work is substantially complete, then Engineer will, within said 14 days, execute and deliver to Owner and Contractor a final certificate of Substantial Completion (with a revised punch list of items to be completed or corrected) reflecting such changes from the preliminary certificate as Engineer believes justified after consideration of any objections from Owner.
- D. At the time of receipt of the preliminary certificate of Substantial Completion, Owner and Contractor will confer regarding Owner's use or occupancy of the Work following Substantial Completion, review the builder's risk insurance policy with respect to the end of the builder's risk coverage, and confirm the transition to coverage of the Work under a permanent

property insurance policy held by Owner. Unless Owner and Contractor agree otherwise in writing, Owner shall bear responsibility for security, operation, protection of the Work, property insurance, maintenance, heat, and utilities upon Owner's use or occupancy of the Work.

- E. After Substantial Completion the Contractor shall promptly begin work on the punch list of items to be completed or corrected prior to final payment. In appropriate cases Contractor may submit monthly Applications for Payment for completed punch list items, following the progress payment procedures set forth above.
- F. Owner shall have the right to exclude Contractor from the Site after the date of Substantial Completion subject to allowing Contractor reasonable access to remove its property and complete or correct items on the punch list.

15.04 *Partial Use or Occupancy*

- A. Prior to Substantial Completion of all the Work, Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which Owner, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Owner for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:
 - 1. At any time, Owner may request in writing that Contractor permit Owner to use or occupy any such part of the Work that Owner believes to be substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Owner, and Engineer will follow the procedures of Paragraph 15.03.A through 15.03.E for that part of the Work.
 - 2. At any time, Contractor may notify Owner and Engineer in writing that Contractor considers any such part of the Work substantially complete and request Engineer to issue a certificate of Substantial Completion for that part of the Work.
 - 3. Within a reasonable time after either such request, Owner, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Engineer does not consider that part of the Work to be substantially complete, Engineer will notify Owner and Contractor in writing giving the reasons therefor. If Engineer considers that part of the Work to be substantially complete, the provisions of Paragraph 15.03 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.
 - 4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 6.04 regarding builder's risk or other property insurance.

15.05 *Final Inspection*

- A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work, or agreed portion thereof, is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

15.06 *Final Payment*

A. *Application for Payment*

1. After Contractor has, in the opinion of Engineer, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, annotated record documents (as provided in Paragraph 7.12), and other documents, Contractor may make application for final payment.
 2. The final Application for Payment must be accompanied (except as previously delivered) by:
 - a. all documentation called for in the Contract Documents;
 - b. consent of the surety, if any, to final payment;
 - c. satisfactory evidence that all title issues have been resolved such that title to all Work, materials, and equipment has passed to Owner free and clear of any Liens or other title defects, or will so pass upon final payment.
 - d. a list of all duly pending Change Proposals and Claims; and
 - e. complete and legally effective releases or waivers (satisfactory to Owner) of all Lien rights arising out of the Work, and of Liens filed in connection with the Work.
 3. In lieu of the releases or waivers of Liens specified in Paragraph 15.06.A.2 and as approved by Owner, Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (a) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (b) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which Owner might in any way be responsible, or which might in any way result in liens or other burdens on Owner's property, have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Owner to indemnify Owner against any Lien, or Owner at its option may issue joint checks payable to Contractor and specified Subcontractors and Suppliers.
- B. *Engineer's Review of Final Application and Recommendation of Payment:* If, on the basis of Engineer's observation of the Work during construction and final inspection, and Engineer's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Engineer is satisfied that the Work has been completed and Contractor's other obligations under the Contract have been fulfilled, Engineer will, within 10 days after receipt of the final Application for Payment, indicate in writing Engineer's recommendation of final payment and present the final Application for Payment to Owner for payment. Such recommendation will account for any set-offs against payment that are necessary in Engineer's opinion to protect Owner from loss for the reasons stated above with respect to progress payments. Otherwise, Engineer will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application for Payment.
- C. *Notice of Acceptability:* In support of its recommendation of payment of the final Application for Payment, Engineer will also give written notice to Owner and Contractor that the Work is

acceptable, subject to stated limitations in the notice and to the provisions of Paragraph 15.07.

- D. *Completion of Work*: The Work is complete (subject to surviving obligations) when it is ready for final payment as established by the Engineer's written recommendation of final payment and issuance of notice of the acceptability of the Work.
- E. *Final Payment Becomes Due*: Upon receipt from Engineer of the final Application for Payment and accompanying documentation, Owner shall set off against the amount recommended by Engineer for final payment any further sum to which Owner is entitled, including but not limited to set-offs for liquidated damages and set-offs allowed under the provisions of this Contract with respect to progress payments. Owner shall pay the resulting balance due to Contractor within 30 days of Owner's receipt of the final Application for Payment from Engineer.

15.07 *Waiver of Claims*

- A. By making final payment, Owner waives its claim or right to liquidated damages or other damages for late completion by Contractor, except as set forth in an outstanding Claim, appeal under the provisions of Article 17, set-off, or express reservation of rights by Owner. Owner reserves all other claims or rights after final payment.
- B. The acceptance of final payment by Contractor will constitute a waiver by Contractor of all claims and rights against Owner other than those pending matters that have been duly submitted as a Claim, or appealed under the provisions of Article 17.

15.08 *Correction Period*

- A. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the Supplementary Conditions or the terms of any applicable special guarantee required by the Contract Documents), Owner gives Contractor written notice that any Work has been found to be defective, or that Contractor's repair of any damages to the Site or adjacent areas has been found to be defective, then after receipt of such notice of defect Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions:
 - 1. correct the defective repairs to the Site or such adjacent areas;
 - 2. correct such defective Work;
 - 3. remove the defective Work from the Project and replace it with Work that is not defective, if the defective Work has been rejected by Owner, and
 - 4. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others, or to other land or areas resulting from the corrective measures.
- B. Owner shall give any such notice of defect within 60 days of the discovery that such Work or repairs is defective. If such notice is given within such 60 days but after the end of the correction period, the notice will be deemed a notice of defective Work under Paragraph 7.17.B.
- C. If, after receipt of a notice of defect within 60 days and within the correction period, Contractor does not promptly comply with the terms of Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced.

- Contractor shall pay all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others). Contractor's failure to pay such costs, losses, and damages within 10 days of invoice from Owner will be deemed the start of an event giving rise to a Claim under Paragraph 12.01.B, such that any related Claim must be brought within 30 days of the failure to pay.
- D. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
 - E. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this paragraph, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.
 - F. Contractor's obligations under this paragraph are in addition to all other obligations and warranties. The provisions of this paragraph are not to be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

ARTICLE 16—SUSPENSION OF WORK AND TERMINATION

16.01 *Owner May Suspend Work*

- A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by written notice to Contractor and Engineer. Such notice will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be entitled to an adjustment in the Contract Price or an extension of the Contract Times directly attributable to any such suspension. Any Change Proposal seeking such adjustments must be submitted no later than 30 days after the date fixed for resumption of Work.

16.02 *Owner May Terminate for Cause*

- A. The occurrence of any one or more of the following events will constitute a default by Contractor and justify termination for cause:
 - 1. Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment, or failure to adhere to the Progress Schedule);
 - 2. Failure of Contractor to perform or otherwise to comply with a material term of the Contract Documents;
 - 3. Contractor's disregard of Laws or Regulations of any public body having jurisdiction; or
 - 4. Contractor's repeated disregard of the authority of Owner or Engineer.
- B. If one or more of the events identified in Paragraph 16.02.A occurs, then after giving Contractor (and any surety) 10 days' written notice that Owner is considering a declaration that Contractor is in default and termination of the Contract, Owner may proceed to:
 - 1. declare Contractor to be in default, and give Contractor (and any surety) written notice

that the Contract is terminated; and

2. enforce the rights available to Owner under any applicable performance bond.
- C. Subject to the terms and operation of any applicable performance bond, if Owner has terminated the Contract for cause, Owner may exclude Contractor from the Site, take possession of the Work, incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere, and complete the Work as Owner may deem expedient.
- D. Owner may not proceed with termination of the Contract under Paragraph 16.02.B if Contractor within 7 days of receipt of notice of intent to terminate begins to correct its failure to perform and proceeds diligently to cure such failure.
- E. If Owner proceeds as provided in Paragraph 16.02.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds the cost to complete the Work, including all related claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals) sustained by Owner, such excess will be paid to Contractor. If the cost to complete the Work including such related claims, costs, losses, and damages exceeds such unpaid balance, Contractor shall pay the difference to Owner. Such claims, costs, losses, and damages incurred by Owner will be reviewed by Engineer as to their reasonableness and, when so approved by Engineer, incorporated in a Change Order. When exercising any rights or remedies under this paragraph, Owner shall not be required to obtain the lowest price for the Work performed.
- F. Where Contractor's services have been so terminated by Owner, the termination will not affect any rights or remedies of Owner against Contractor then existing or which may thereafter accrue, or any rights or remedies of Owner against Contractor or any surety under any payment bond or performance bond. Any retention or payment of money due Contractor by Owner will not release Contractor from liability.
- G. If and to the extent that Contractor has provided a performance bond under the provisions of Paragraph 6.01.A, the provisions of that bond will govern over any inconsistent provisions of Paragraphs 16.02.B and 16.02.D.

16.03 Owner May Terminate for Convenience

- A. Upon 7 days' written notice to Contractor and Engineer, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items):
 1. completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 2. expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses; and
 3. other reasonable expenses directly attributable to termination, including costs incurred to prepare a termination for convenience cost proposal.
- B. Contractor shall not be paid for any loss of anticipated profits or revenue, post-termination

overhead costs, or other economic loss arising out of or resulting from such termination.

16.04 Contractor May Stop Work or Terminate

- A. If, through no act or fault of Contractor, (1) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (2) Engineer fails to act on any Application for Payment within 30 days after it is submitted, or (3) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon 7 days' written notice to Owner and Engineer, and provided Owner or Engineer do not remedy such suspension or failure within that time, terminate the contract and recover from Owner payment on the same terms as provided in Paragraph 16.03.
- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Owner has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, 7 days after written notice to Owner and Engineer, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The provisions of this paragraph are not intended to preclude Contractor from submitting a Change Proposal for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this paragraph.

ARTICLE 17—FINAL RESOLUTION OF DISPUTES

17.01 Methods and Procedures

- A. *Disputes Subject to Final Resolution:* The following disputed matters are subject to final resolution under the provisions of this article:
 - 1. A timely appeal of an approval in part and denial in part of a Claim, or of a denial in full, pursuant to Article 12; and
 - 2. Disputes between Owner and Contractor concerning the Work, or obligations under the Contract Documents, that arise after final payment has been made.
- B. *Final Resolution of Disputes:* For any dispute subject to resolution under this article, Owner or Contractor may:
 - 1. elect in writing to invoke the dispute resolution process provided for in the Supplementary Conditions;
 - 2. agree with the other party to submit the dispute to another dispute resolution process; or
 - 3. if no dispute resolution process is provided for in the Supplementary Conditions or mutually agreed to, give written notice to the other party of the intent to submit the dispute to a court of competent jurisdiction.

ARTICLE 18—MISCELLANEOUS

18.01 Giving Notice

- A. Whenever any provision of the Contract requires the giving of written notice to Owner, Engineer, or Contractor, it will be deemed to have been validly given only if delivered:

1. in person, by a commercial courier service or otherwise, to the recipient's place of business;
2. by registered or certified mail, postage prepaid, to the recipient's place of business; or
3. by e-mail to the recipient, with the words "Formal Notice" or similar in the e-mail's subject line.

18.02 *Computation of Times*

- A. When any period of time is referred to in the Contract by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

18.03 *Cumulative Remedies*

- A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract. The provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

18.04 *Limitation of Damages*

- A. With respect to any and all Change Proposals, Claims, disputes subject to final resolution, and other matters at issue, neither Owner nor Engineer, nor any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, shall be liable to Contractor for any claims, costs, losses, or damages sustained by Contractor on or in connection with any other project or anticipated project.

18.05 *No Waiver*

- A. A party's non-enforcement of any provision will not constitute a waiver of that provision, nor will it affect the enforceability of that provision or of the remainder of this Contract.

18.06 *Survival of Obligations*

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract, as well as all continuing obligations indicated in the Contract, will survive final payment, completion, and acceptance of the Work or termination of the Contract or of the services of Contractor.

18.07 *Controlling Law*

- A. This Contract is to be governed by the law of the state in which the Project is located.

18.08 *Assignment of Contract*

- A. Unless expressly agreed to elsewhere in the Contract, no assignment by a party to this Contract of any rights under or interests in the Contract will be binding on the other party without the written consent of the party sought to be bound; and, specifically but without limitation, money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no

assignment will release or discharge the assignor from any duty or responsibility under the Contract.

18.09 *Successors and Assigns*

- A. Owner and Contractor each binds itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

18.10 *Headings*

- A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

END OF SECTION

SUPPLEMENTARY CONDITIONS OF THE CONSTRUCTION CONTRACT

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SUPPLEMENTARY CONDITIONS OF THE CONSTRUCTION CONTRACT

These Supplementary Conditions amend or supplement EJCDC® C-700, Standard General Conditions of the Construction Contract (2018). The General Conditions remain in full force and effect except as amended.

The terms used in these Supplementary Conditions have the meanings stated in the General Conditions. Additional terms used in these Supplementary Conditions have the meanings stated below, which are applicable to both the singular and plural thereof.

The address system used in these Supplementary Conditions is the same as the address system used in the General Conditions, with the prefix "SC" added—for example, "Paragraph SC-4.05."

ARTICLE 1—DEFINITIONS AND TERMINOLOGY

No Supplementary Conditions in this Article.

ARTICLE 2—PRELIMINARY MATTERS

SC-2.02 Delete Paragraph 2.02.A in its entirety and insert the following new paragraph in its place:

- A. Owner shall furnish to Contractor one printed copy of conformed Contract Documents incorporating and integrating all Addenda and any amendments negotiated prior to the Effective Date of the Contract (including one fully signed counterpart of the Agreement), and one copy in electronic portable document format (PDF). Additional printed copies of the conformed Contract Documents will be furnished upon request at the cost of reproduction.

ARTICLE 3—CONTRACT DOCUMENTS: INTENT, REQUIREMENTS, REUSE

3.01 3.03.B.1.c *Add the following paragraph after 3.03.B.1.b.*

SC-3.03B.1.b. In all cases of discrepancies between the various dimensions and details shown on drawings, between different sections of the contract documents or between the drawings and these specifications, the more expensive construction shall be estimated before construction is started, the matter shall be submitted to the ENGINEER for clarification. Without such a decision, discrepancies shall be adjusted by the CONTRACTOR at his own risk and in settlement of any complications arising from such adjustment; the CONTRACTOR shall bear all of the extra expense involved.

ARTICLE 4—COMMENCEMENT AND PROGRESS OF THE WORK

No Supplementary Conditions in this Article

ARTICLE 5—SITE, SUBSURFACE AND PHYSICAL CONDITIONS, HAZARDOUS ENVIRONMENTAL CONDITIONS

5.01 5.01.D *Add the following new paragraph immediately after paragraph 5.01.c.*

WRITTEN PERMISSION from the property owner with right-of-entry for the City of St
City of Stockbridge C & S Project No. S9100.043
2021 Water Service Line Replacements March 2022
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ockbridge and their representatives must be provided to the OWNER for all land used for storage of equipment and materials. The land must be restored to pre-use conditions for final payment.

SC-5.06 Add the following new paragraphs immediately after Paragraph 5.06.A.3:

4. The following table lists the reports known to Owner relating to Hazardous Environmental Conditions at or adjacent to the Site, and the Technical Data (if any) upon which Contractor may rely:

Report Title	Date of Report	Technical Data
None		

5. The following table lists the drawings known to Owner relating to Hazardous Environmental Conditions at or adjacent to the Site, and Technical Data (if any) contained in such Drawings upon which Contractor may rely:

Drawings Title	Date of Drawings	Technical Data
None		

ARTICLE 6—BONDS AND INSURANCE

6.01 *Performance, Payment, and Other Bonds*

SC-6.01 Add the following paragraphs immediately after Paragraph 6.01.A:

1. *Required Performance Bond Form:* The performance bond that Contractor furnishes will be in the form of EJCDC® C-610, Performance Bond (2010, 2013, or 2018 edition).
2. *Required Payment Bond Form:* The payment bond that Contractor furnishes will be in the form of EJCDC® C-615, Payment Bond (2010, 2013, or 2018 edition).

SC-6.03 Supplement Paragraph 6.03 with the following provisions after Paragraph 6.03.C:

- D. *Other Additional Insureds:* As a supplement to the provisions of Paragraph 6.03.C of the General Conditions, the commercial general liability, automobile liability, umbrella or excess, pollution liability, and unmanned aerial vehicle liability policies must include as additional insureds (in addition to Owner and Engineer) the following: None
- E. *Workers' Compensation and Employer's Liability:* Contractor shall purchase and maintain workers' compensation and employer's liability insurance, including, as applicable, United States Longshoreman and Harbor Workers' Compensation Act, Jones Act, stop-gap employer's liability coverage for monopolistic states, and foreign voluntary workers' compensation (from available sources, notwithstanding the jurisdictional requirement of Paragraph 6.02.B of the General Conditions).

Workers' Compensation and Related Policies	Policy limits of not less than:
Workers' Compensation	

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SUPPLEMENTARY CONDITIONS

Workers' Compensation and Related Policies	Policy limits of not less than:
State	Statutory
Applicable Federal (e.g., Longshoreman's)	Statutory
Foreign voluntary workers' compensation (employer's responsibility coverage), if applicable	Statutory
Jones Act (if applicable)	
Bodily injury by accident—each accident	\$200,000
Bodily injury by disease—aggregate	\$200,000
Employer's Liability	
Each accident	\$200,000
Each employee	\$200,000
Policy limit	\$200,000
Stop-gap Liability Coverage	
For work performed in monopolistic states, stop-gap liability coverage must be endorsed to either the worker's compensation or commercial general liability policy with a minimum limit of:	N/A in Georgia

- F. *Commercial General Liability—Claims Covered:* Contractor shall purchase and maintain commercial general liability insurance, covering all operations by or on behalf of Contractor, on an occurrence basis, against claims for:
1. damages because of bodily injury, sickness or disease, or death of any person other than Contractor's employees,
 2. damages insured by reasonably available personal injury liability coverage, and
 3. damages because of injury to or destruction of tangible property wherever located, including loss of use resulting therefrom.
- G. *Commercial General Liability—Form and Content:* Contractor's commercial liability policy must be written on a 1996 (or later) Insurance Services Organization, Inc. (ISO) commercial general liability form (occurrence form) and include the following coverages and endorsements:
1. Products and completed operations coverage.
 - a. Such insurance must be maintained for three years after final payment.
 - b. Contractor shall furnish Owner and each other additional insured (as identified in the Supplementary Conditions or elsewhere in the Contract) evidence of continuation of such insurance at final payment and three years thereafter.
 2. Blanket contractual liability coverage, including but not limited to coverage of Contractor's contractual indemnity obligations in Paragraph 7.18.
 3. Severability of interests and no insured-versus-insured or cross-liability exclusions.
 4. Underground, explosion, and collapse coverage.
 5. Personal injury coverage.
 6. Additional insured endorsements that include both ongoing operations and products and completed operations coverage through ISO Endorsements CG 20 10 10 01 and

CG 20 37 10 01 (together). If Contractor demonstrates to Owner that the specified ISO endorsements are not commercially available, then Contractor may satisfy this requirement by providing equivalent endorsements.

7. For design professional additional insureds, ISO Endorsement CG 20 32 07 04 "Additional Insured—Engineers, Architects or Surveyors Not Engaged by the Named Insured" or its equivalent.

H. *Commercial General Liability—Excluded Content:* The commercial general liability insurance policy, including its coverages, endorsements, and incorporated provisions, must not include any of the following:

1. Any modification of the standard definition of "insured contract" (except to delete the railroad protective liability exclusion if Contractor is required to indemnify a railroad or others with respect to Work within 50 feet of railroad property).
2. Any exclusion for water intrusion or water damage.
3. Any provisions resulting in the erosion of insurance limits by defense costs other than those already incorporated in ISO form CG 00 01.
4. Any exclusion of coverage relating to earth subsidence or movement.
5. Any exclusion for the insured's vicarious liability, strict liability, or statutory liability (other than worker's compensation).
6. Any limitation or exclusion based on the nature of Contractor's work.
7. Any professional liability exclusion broader in effect than the most recent edition of ISO form CG 22 79.

I. *Commercial General Liability—Minimum Policy Limits*

Commercial General Liability	Policy limits of not less than:
General Aggregate	\$2,000,000
Products—Completed Operations Aggregate	\$2,000,000
Personal and Advertising Injury	\$2,000,000
Bodily Injury and Property Damage—Each Occurrence	\$2,000,000

J. *Automobile Liability:* Contractor shall purchase and maintain automobile liability insurance for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance, or use of any motor vehicle. The automobile liability policy must be written on an occurrence basis.

Automobile Liability	Policy limits of not less than:
Bodily Injury	
Each Person	\$1,000,000
Each Accident	\$2,000,000
Property Damage	
Each Accident	\$100,000
[or]	

SECTION 00800 - 6
SUPPLEMENTARY CONDITIONS

Automobile Liability	Policy limits of not less than:
Combined Single Limit	
Combined Single Limit (Bodily Injury and Property Damage)	\$200,000

- K. *Umbrella or Excess Liability:* Contractor shall purchase and maintain umbrella or excess liability insurance written over the underlying employer's liability, commercial general liability, and automobile liability insurance described in the Paragraphs above. The coverage afforded must be at least as broad as that of each and every one of the underlying policies.

Excess or Umbrella Liability	Policy limits of not less than:
Each Occurrence	\$2,000,000
General Aggregate	\$2,000,000

- L. *Contractor's Pollution Liability Insurance:* Contractor shall purchase and maintain a policy covering third-party injury and property damage, including cleanup costs, as a result of pollution conditions arising from Contractor's operations and completed operations. This insurance must be maintained for no less than three years after final completion.

Contractor's Pollution Liability	Policy limits of not less than:
Each Occurrence/Claim	\$1,000,000
General Aggregate	\$2,000,000

- M. *Unmanned Aerial Vehicle Liability Insurance:* If Contractor uses unmanned aerial vehicles (UAV—commonly referred to as drones) at the Site or in support of any aspect of the Work, Contractor shall obtain UAV liability insurance in the amounts stated; name Owner, Engineer, and all individuals and entities identified in the Supplementary Conditions as additional insureds; and provide a certificate to Owner confirming Contractor's compliance with this requirement. Such insurance will provide coverage for property damage, bodily injury or death, and invasion of privacy.

Unmanned Aerial Vehicle Liability Insurance	Policy limits of not less than:
Each Claim	\$100,000
General Aggregate	\$200,000

SC-6.04 Supplement Paragraph 6.04 of the General Conditions with the following provisions:

- F. *Builder's Risk Requirements:* The builder's risk insurance must:
1. be written on a builder's risk "all risk" policy form that at a minimum includes insurance for physical loss or damage to the Work, temporary buildings, falsework, and materials and equipment stored and in transit, and must not exclude the coverage of the following risks: fire; windstorm; hail; flood; earthquake, volcanic activity, and other earth movement; lightning; riot; civil commotion; terrorism; vehicle impact; aircraft; smoke; theft; vandalism and malicious mischief; mechanical breakdown, boiler explosion, and artificially generated electric current; collapse; explosion; debris removal; demolition occasioned by enforcement of Laws and Regulations; and water damage (other than

that caused by flood).

- a. Such policy will include an exception that results in coverage for ensuing losses from physical damage or loss with respect to any defective workmanship, methods, design, or materials exclusions.
 - b. If insurance against mechanical breakdown, boiler explosion, and artificially generated electric current; earthquake, volcanic activity, and other earth movement; or flood, are not commercially available under builder's risk policies, by endorsement or otherwise, such insurance will be provided through other insurance policies acceptable to Owner and Contractor.
2. cover, as insured property, at least the following: (a) the Work and all materials, supplies, machinery, apparatus, equipment, fixtures, and other property of a similar nature that are to be incorporated into or used in the preparation, fabrication, construction, erection, or completion of the Work, including Owner-furnished or assigned property; (b) spare parts inventory required within the scope of the Contract; and (c) temporary works which are not intended to form part of the permanent constructed Work but which are intended to provide working access to the Site, or to the Work under construction, or which are intended to provide temporary support for the Work under construction, including scaffolding, form work, fences, shoring, falsework, and temporary structures.
 3. cover expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of contractors, engineers, and architects).
 4. extend to cover damage or loss to insured property while in temporary storage at the Site or in a storage location outside the Site (but not including property stored at the premises of a manufacturer or Supplier). If this coverage is subject to a sublimit, such sublimit will be a minimum of \$100,000.
 5. extend to cover damage or loss to insured property while in transit. If this coverage is subject to a sublimit, such sublimit will be a minimum of \$100,000.
 6. allow for the waiver of the insurer's subrogation rights, as set forth in this Contract.
 7. allow for partial occupancy or use by Owner by endorsement, and without cancellation or lapse of coverage.
 8. include performance/hot testing and start-up, if applicable.
 9. be maintained in effect until the Work is complete, as set forth in Paragraph 15.06.D of the General Conditions, or until written confirmation of Owner's procurement of property insurance following Substantial Completion, whichever occurs first.
 10. include as named insureds the Owner, Contractor, Subcontractors (of every tier), and any other individuals or entities required by this Contract to be insured under such builder's risk policy. For purposes of Paragraphs 6.04, 6.05, and 6.06 of the General Conditions, and this and all other corresponding Supplementary Conditions, the parties required to be insured will be referred to collectively as "insureds." In addition to Owner, Contractor, and Subcontractors of every tier, include as insureds the following:
 - a. None
 11. include, in addition to the Contract Price amount, the value of the following equipment

and materials to be installed by the Contractor but furnished by the Owner or third parties:

- a. None
12. If debris removal in connection with repair or replacement of insured property is subject to a coverage sublimit, such sublimit will be a minimum of \$100,000.
13. In addition to the coverage sublimits stated above, the following coverages are also subject to sublimits, as follows:
 - a. None

ARTICLE 7—CONTRACTOR’S RESPONSIBILITIES

7.02 Labor; Working Hours

SC-7.02.B. Add the following new subparagraphs immediately after Paragraph 7.02.B:

1. Regular working hours will be Monday through Friday 7 AM to 7 PM.
2. Owner's legal holidays are same as Federal Holidays.

SC 7.05.A Amend the third sentence of Paragraph 7.05.A by striking out the following words:

Unless the specification or description contains or is followed by words reading that no like, equivalent, or “or-equal” item is permitted.

SC 7.05.A.1 Add the following new Paragraphs immediately after Paragraph 7.05.A.1:

1. Unless otherwise waived by the Owner, a five (5) year warranty shall be required on all substitute equipment/materials/systems in the form of a bond or other equivalent surety. Such warranty/surety shall be in the amount of the Contractor's purchase order, including installation and service for the substitute. Should the substitute fail to perform satisfactorily, either in mechanical integrity or in performance, the Owner can require modification or replacement or if the supplier/manufacturer fails to remedy the defects/performance the Owner may use any or all of the bond/surety to modify or replace the system or portions thereof including modifications to another process.
2. The Owner reserves the right to accept or reject any and all substitutes that may be offered.
3. The adjustment in price bid for the substitute equipment shall include the cost of all re-design, the cost of structural, mechanical and electrical changes when the considered item will not fit the design, as determined by the Engineer.

SC 7.07.A Amend Paragraph 7.07.A by adding the following text to the end of the Paragraph:

The Contractor shall not award work valued at more than fifty percent of the Contract Price to Subcontractor(s), without prior written approval of the Owner.

SC-7.13.K Add a new paragraph immediately after Paragraph 7.12.J:

Utilities encountered could be abandoned or it may be part of the work to abandon the Owners utilities. Buried open ended pipes are not allowed. Abandoned utilities must be plugged to keep dirt, gravel, etc. from washing into them.

SC 7.18 Replace paragraph 7.18.A. with the following:

To the fullest extent permitted by Laws and Regulations, and in addition to any other obligations of Contractor under the Contract or otherwise, Contractor shall indemnify, defend, and hold harmless Owner and Engineer, and the officers directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable.

ARTICLE 8—OTHER WORK AT THE SITE

No Supplementary Conditions in this Article

ARTICLE 9—OWNER’S RESPONSIBILITIES

No Supplementary Conditions in this Article

ARTICLE 10—ENGINEER’S STATUS DURING CONSTRUCTION

SC-10.03 Add the following new paragraphs immediately after Paragraph 10.03.B:

- C. The Resident Project Representative (RPR) will be Engineer's representative at the Site. RPR's dealings in matters pertaining to the Work in general will be with Engineer and Contractor. RPR's dealings with Subcontractors will only be through or with the full knowledge or approval of Contractor. The RPR will:
 - 1. *Conferences and Meetings:* Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences, and other Project-related meetings (but not including Contractor's safety meetings), and as appropriate prepare and circulate copies of minutes thereof.
 - 2. *Safety Compliance:* Comply with Site safety programs, as they apply to RPR, and if required to do so by such safety programs, receive safety training specifically related to RPR's own personal safety while at the Site.
 - 3. *Liaison*
 - a. Serve as Engineer's liaison with Contractor. Working principally through Contractor's authorized representative or designee, assist in providing information regarding the provisions and intent of the Contract Documents.
 - b. Assist Engineer in serving as Owner's liaison with Contractor when Contractor's operations affect Owner's on-Site operations.
 - c. Assist in obtaining from Owner additional details or information, when required for Contractor's proper execution of the Work.

4. *Review of Work; Defective Work*
 - a. Conduct on-Site observations of the Work to assist Engineer in determining, to the extent set forth in Paragraph 10.02, if the Work is in general proceeding in accordance with the Contract Documents.
 - b. Observe whether any Work in place appears to be defective.
 - c. Observe whether any Work in place should be uncovered for observation, or requires special testing, inspection or approval.
 5. *Inspections and Tests*
 - a. Observe Contractor-arranged inspections required by Laws and Regulations, including but not limited to those performed by public or other agencies having jurisdiction over the Work.
 - b. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Work.
 6. *Payment Requests: Review Applications for Payment with Contractor.*
 7. *Completion*
 - a. Participate in Engineer's visits regarding Substantial Completion.
 - b. Assist in the preparation of a punch list of items to be completed or corrected.
 - c. Participate in Engineer's visit to the Site in the company of Owner and Contractor regarding completion of the Work, and prepare a final punch list of items to be completed or corrected by Contractor.
 - d. Observe whether items on the final punch list have been completed or corrected.
- D. The RPR will not:
1. Authorize any deviation from the Contract Documents or substitution of materials or equipment (including "or-equal" items).
 2. Exceed limitations of Engineer's authority as set forth in the Contract Documents.
 3. Undertake any of the responsibilities of Contractor, Subcontractors, or Suppliers.
 4. Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of construction.
 5. Advise on, issue directions regarding, or assume control over security or safety practices, precautions, and programs in connection with the activities or operations of Owner or Contractor.
 6. Participate in specialized field or laboratory tests or inspections conducted off-site by others except as specifically authorized by Engineer.
 7. Authorize Owner to occupy the Project in whole or in part.

ARTICLE 11—CHANGES TO THE CONTRACT

No Supplementary Conditions in this Article.

ARTICLE 12—CLAIMS

No Supplementary Conditions in this Article.

ARTICLE 13—COST OF WORK; ALLOWANCES, UNIT PRICE WORK

SC-13.01 Supplement Paragraph 13.01.B.5.c.(2) by adding the following sentence:

The equipment rental rate book that governs the included costs for the rental of machinery and equipment owned by Contractor (or a related entity) under the Cost of the Work provisions of this Contract is the most current edition of the AED Green Book: Rental Rates and Specifications for Construction Equipment.

SC-13.01 Supplement Paragraph 13.01.C.2 by adding the following definition of small tools and hand tools:

- a. For purposes of this paragraph, “small tools and hand tools” means any tool or equipment whose current price if it were purchased new at retail would be less than \$500.

ARTICLE 14—TESTS AND INSPECTIONS; CORRECTION, REMOVAL, OR ACCEPTANCE OF DEFECTIVE WORK

14.02 *Contractor shall retain and pay for the services of an independent inspector, testing laboratory, or other qualified individual or entity to perform all inspections and tests expressly required by the Contract Documents to be furnished and paid for by the Contractor.*

14.06.B *Add the following new paragraph after Paragraph 14.06.A*

- B. *Contractor shall not be allowed an extension of the contract times or additional payment because of any delay in the performance of the work attributable to the exercise by Owner of Owner’s rights under this paragraph 14.06.A..*

ARTICLE 15—PAYMENTS TO CONTRACTOR, SET OFFS; COMPLETIONS; CORRECTION PERIOD

15.01 *Progress Payments*

SC-15.01 Progress Payments

SC 15.01.B.3 Add the following language at the end of paragraph 15.01.B.3:

No payments will be made that would deplete the retainage, place in escrow any funds that are required for retainage or invest the retainage for the benefit of the Contractor.

SC 15.01.C.1 Amend paragraph 15.01.C.1 by striking out the following text: “Ten days” and insert “fourteen days”.

SC 15.01.D.1 Amend Paragraph 15.01.D.1 by striking out the following text: “Ten days” and insert “Thirty Days.

C 15.02.A Amend Paragraph 15.02.A by striking out the following text: “no later than seven days after the time of payment by Owner” and insert “no later than the time of payment by Owner.”

SC-15.03 Add the following new subparagraph to Paragraph 15.03.B:

1. If some or all of the Work has been determined not to be at a point of Substantial Completion and will require re-inspection or re-testing by Engineer, the cost of such re-inspection or re-testing, including the cost of time, travel and living expenses, will be paid by Contractor to Owner. If Contractor does not pay, or the parties are unable to agree as to the amount owed, then Owner may impose a reasonable set-off against payments due under this Article 15.

ARTICLE 16—SUSPENSION OF WORK AND TERMINATION

No Supplementary Conditions in this Article.

ARTICLE 17—FINAL RESOLUTIONS OF DISPUTES

SC-17.02 Add the following new paragraph immediately after Paragraph 17.01.

17.02 Arbitration

- A. All matters subject to final resolution under this Article will be settled by arbitration administered by the American Arbitration Association in accordance with its Construction Industry Arbitration Rules (subject to the conditions and limitations of this Paragraph SC-17.02). Any controversy or claim in the amount of \$100,000 or less will be settled in accordance with the American Arbitration Association's supplemental rules for Fixed Time and Cost Construction Arbitration. This agreement to arbitrate will be specifically enforceable under the prevailing law of any court having jurisdiction.
- B. The demand for arbitration will be filed in writing with the other party to the Contract and with the selected arbitration administrator, and a copy will be sent to Engineer for information. The demand for arbitration will be made within the specific time required in Article 17, or if no specified time is applicable within a reasonable time after the matter in question has arisen, and in no event will any such demand be made after the date when institution of legal or equitable proceedings based on such matter in question would be barred by the applicable statute of limitations.
- C. The arbitrator(s) must be licensed engineers, contractors, attorneys, or construction managers. Hearings will take place pursuant to the standard procedures of the Construction Arbitration Rules that contemplate in-person hearings. The arbitrators will have no authority to award punitive or other damages not measured by the prevailing party's actual damages, except as may be required by statute or the Contract. Any award in an arbitration initiated under this clause will be limited to monetary damages and include no injunction or direction to any party other than the direction to pay a monetary amount.
- D. The Arbitrators will have the authority to allocate the costs of the arbitration process among the parties, but will only have the authority to allocate attorneys' fees if a specific Law or Regulation or this Contract permits them to do so.
- E. The award of the arbitrators must be accompanied by a reasoned written opinion and a concise breakdown of the award. The written opinion will cite the Contract provisions deemed applicable and relied on in making the award.
- F. The parties agree that failure or refusal of a party to pay its required share of the deposits

for arbitrator compensation or administrative charges will constitute a waiver by that party to present evidence or cross-examine witness. In such event, the other party shall be required to present evidence and legal argument as the arbitrator(s) may require for the making of an award. Such waiver will not allow for a default judgment against the non-paying party in the absence of evidence presented as provided for above.

- G. No arbitration arising out of or relating to the Contract will include by consolidation, joinder, or in any other manner any other individual or entity (including Engineer, and Engineer's consultants and the officers, directors, partners, agents, employees or consultants of any of them) who is not a party to this Contract unless:
1. the inclusion of such other individual or entity will allow complete relief to be afforded among those who are already parties to the arbitration;
 2. such other individual or entity is substantially involved in a question of law or fact which is common to those who are already parties to the arbitration, and which will arise in such proceedings;
 3. such other individual or entity is subject to arbitration under a contract with either Owner or Contractor, or consents to being joined in the arbitration; and
 4. the consolidation or joinder is in compliance with the arbitration administrator's procedural rules.
- H. The award will be final. Judgment may be entered upon it in any court having jurisdiction thereof, and it will not be subject to modification or appeal, subject to provisions of the Laws and Regulations relating to vacating or modifying an arbitral award.
- I. Except as may be required by Laws or Regulations, neither party nor an arbitrator may disclose the existence, content, or results of any arbitration hereunder without the prior written consent of both parties, with the exception of any disclosure required by Laws and Regulations or the Contract. To the extent any disclosure is allowed pursuant to the exception, the disclosure must be strictly and narrowly limited to maintain confidentiality to the extent possible.
- J. Further, the parties agree that the exclusive venue for the resolution of any dispute under the terms of this contract is City of Stockbridge, Georgia.

SC-17.03 Add the following new paragraph immediately after Paragraph 17.02.

17.03 Attorneys' Fees

- A. For any matter subject to final resolution under this Article, the prevailing party shall be entitled to an award of its attorneys' fees incurred in the final resolution proceedings, in an equitable amount to be determined in the discretion of the court, arbitrator, arbitration panel, or other arbiter of the matter subject to final resolution, taking into account the parties' initial demand or defense positions in comparison with the final result.

ARTICLE 18—MISCELLANEOUS

No Supplementary Conditions in this Article.

END OF SECTION

SECTION 00840
ADMINISTRATIVE AND PROCEDURAL ITEMS AND FORMS
INDEX

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PART 2.	MATERIALS	2
PART 3.	EXECUTION	2

SECTION 00840
ADMINISTRATIVE AND PROCEDURAL ITEMS AND FORMS

PART 1. GENERAL

- 1.1 This section of the CONTRACT DOCUMENTS references the various forms and other documents that will become a part of these CONTRACT DOCUMENTS during the course of the WORK.

PART 2. MATERIALS

2.1 FORMS AND DOCUMENTS

- A. Application for Payment
- B. Work Change Directive
- C. Change Order
- D. Field Order
- E. Utility Damage Report
- F. Non-Influence Affidavit
- G. Statutory Affidavit

PART 3. EXECUTION

- 3.1 ENGINEER shall provide CONTRACTOR with sufficient copies of the above listed forms and/or documents where applicable for submittal by CONTRACTOR during course of the WORK. (Examples of the listed forms are included in this Section. CONTRACTOR may use these and/or Xerox copies of same for submittal).
- 3.2 ENGINEER shall use these forms for administrative and procedural duties. (Examples of the listed forms are included in this section).

APPLICATION FOR PAYMENT

INSTRUCTIONS

A. GENERAL INFORMATION

This standard form is intended as a guide only. Many projects require a much more extensive form with space for numerous items, descriptions of Change Orders, identification of variable quantity adjustments, summary of materials and equipment stored at the site and other information. It is expected that a separate form will be developed by Engineer or Contractor at the time Contractor's Schedule of Values is finalized. Note also that the format for retainage must be changed if the Agreement permits (or the Law provides), and Contractor elects, the deposit of securities in lieu of retainage. Refer to Article 14 of the General Conditions for provisions concerning payments of Contractor.

B. COMPLETING THE FORM

The Schedule of Values, submitted and approved as provided in paragraphs 2.05A and 2.07A of the General Conditions should be copied in the space indicated on the Application For Payment form. Note that the cost of materials and equipment is often listed separately from the cost of their installation. All Change Orders affecting the Contract Price should be identified and include such supplemental Schedules of Values as required for progress payments.

The form is suitable for use in the final Application for Payment as well as for Progress Payments; however, the required accompanying documentation is usually more extensive for final payment. All accompanying documentation should be identified in the space provided on the form.

C. ENGINEER'S REVIEW

Engineer must review all Applications for Payment with care to avoid recommending any payments not yet earned by Contractor. All accompanying documentation of legal nature, such as lien waivers, should be reviewed by Owner's attorney, and Engineer should so advise Owner.

Contractor's Application for Payment No.

Contractor's Application for Payment No.		
Application Period:	Application Date:	
To (Owner):	From (Contractor):	Via (Engineer):
Project:	Contract:	
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.:

**Application For Payment
Change Order Summary**

Approved Change Orders		Change Order Summary	
Number	Additions	Deductions	
			1. ORIGINAL CONTRACT PRICE..... \$
			2. Net change by Change Orders..... \$
			3. Current Contract Price (Line 1 ±2)..... \$
			4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate)..... \$
			5. RETAINAGE:
			a. X Work Completed..... \$
			b. X Stored Material..... \$
			c. Total Retainage (Line 5a + Line 5b)..... \$
			6. AMOUNT ELIGIBLE TO DATE (Line 4 – Line 5c)..... \$
TOTALS			7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... \$
NET CHANGE BY			8. AMOUNT DUE THIS APPLICATION..... \$
CHANGE ORDERS			9. BALANCE TO FINISH, PLUS RETAINAGE (Column G on Progress Estimate + Line 5 above)..... \$

Contractor's Certification

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.	By:	Date:	
	is recommended by:		
	Payment of: \$ _____ (Line 8 or other - attach explanation of the other amount)	_____ (Date)	
	is approved by:	Payment of: \$ _____ (Line 8 or other - attach explanation of the other amount)	_____ (Date)
	Approved by:	_____ (Owner)	_____ (Date)
Funding Agency (if applicable)	_____ (Date)		

Progress Estimate

[illegible]

Work Change Directive

No. _____

Date of Issuance: _____ Effective Date: _____

Project	Owner:	Owner's Contract No.:
Contract:		Date of Contract:
Contractor:		Engineer's Project No.:

Contractor is directed to proceed promptly with the following change(s):

Item No.	Description

Attachments (list documents supporting change):

Purpose for Work Change Directive:

Authorization for Work described herein to proceed on the basis of Cost of the Work due to:

- ☐ Nonagreement on pricing of proposed change.
- ☐ Necessity to expedite Work described herein prior to agreeing to changes on Contract Price and Contract Time.

Estimated change in Contract Price and Contract Times:

Contract Price \$ _____ (increase/decrease) Contract Time _____ (increase/decrease)
days

Recommended for Approval by Engineer:	Date
Authorized for Owner by:	Date
Received for Contractor by:	Date
Received by Funding Agency (if applicable):	Date:

SECTION 00840-8

ADMINISTRATIVE AND PROCEDURAL ITEMS AND FORMS
CONTRACT CHANGE ORDER

Contract No.	Order No.	Date:
Project Title:		State:
Owner:		County:

TO: _____
(Contractor)

You are hereby requested to comply with the following changes from the contract plans and specifications.

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	Decrease in Contract Price	Increase in Contract Price
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
TOTALS						
NET CHANGE IN CONTRACT PRICE						

Justification:

Original Contract Amount (Contract Dated _____)	\$
Amount of Change Order No. 1	+ \$
Current Contract Amount	\$

Previous Contract Time	Days _____	Date _____
Change in Contract Time	Days _____	
Current Contract Time	Days _____	Date _____

REQUESTED: _____	_____
	(Owner) (Date)
RECOMMENDED: _____	_____
	(Carter & Sloope) (Date)
ACCEPTED: _____	_____
	(Contractor) (Date)

This document will be used as a record of any changes to the original construction contract.

**CITY OF STOCKBRIDGE
UTILITY DAMAGE REPORT**

JOB/TRABAJO: _____			
DATE/FECHA: _____		TIME/HORA: _____	
LOCATION & STATION OF DAMAGE/DIRECCIÓN Y ESTACION DEL DAÑO: _____			
UTILITY AFFECTED/SERVICIO DAÑADO			
Water/Agua: _____		Sewer/Alcantarilla: _____	
Size & Material/Tamaño y el material: _____ _____			
REPORTED TO CITY/ REPORTADO A LA CIUDAD			
Yes/Si: _____		No: _____	
Date/Fecha: _____		Time/Hora: _____	
REPORTED TO ENGINEER/REPORTADO A LO INGENIERO:			
Yes/Si: _____		No: _____	
Date/Fecha: _____		Time/Hora: _____	
WAS THE UTILITY MARKED WITHIN TOLERANCE ZONE? ESTABA EL SERVICIO MARCADO DENTRO DE LA ZONA DE TOLERANCIA?			
Yes/Si: _____ No: _____ Please make any notes below/favor haga comentarios en la espacio abajo: _____ _____			
UTILITY REPAIR INFORMATION/ INFORMACION DE RAPARACION			
Date/Fecha: _____		Time/Hora: _____	
Company that completed repair/Compania que hizo la reparacion: _____			
Costs, other than labor: Gastos, distintos de trabajo: _____ _____			
DOWNTIME OR LABOR FOR CONTRACTOR - El tiempo de inactividad o mano de obra para contratista: Circle one and note below: <i>Círculo uno y la nota siguiente</i>			
Position or Title/posición o título:	<u>Man Hours</u>	<u>Equip. Type</u>	<u>Equip. Hours</u>
LABOR FOR CITY (if any):			
Position or Title/posición o título:	<u>Man Hours</u>	<u>Equip. Type</u>	<u>Equip. Hours</u>
Foreman Signature: _____			
Utility Rep. Signature: _____			
Owner's Rep. Signature: _____			

SECTION 00840-11

ADMINISTRATIVE AND PROCEDURAL ITEMS AND FORMS
NON-INFLUENCE AFFIDAVIT

COUNTY OF _____

STATE OF _____

I do solemnly swear on my oath that as to the contract dated
_____, 20_____,

between

(NAME OF THE CONTRACTOR)

and the Owner I have no knowledge of the exertion of any influence or the attempted exertion of any influence on the firm on behalf of which this affidavit is made in any way, manner, or form in the purchase of materials, equipment, or other items involved in construction, manufacture, or employment of labor under the aforesaid contract by any employee, officer or agent of the Owner, or any person connected with the State Government of Georgia in any way whatsoever.

This _____ day of _____, 20_____.

Signature

Title

Firm

COUNTY OF _____

STATE OF _____

Personally before me, the undersigned authority, appeared.

(NAME OF PERSON SIGNING THE AFFADIVIT)

Who is known to me to be an official of the firm of _____ who, after
being duly (NAME OF CONTRACTOR)

Sworn, stated on his oath that he had read the above statement and that the same is true and correct.

Notary Public

My Commission expires _____

This _____ day of _____, 20_____.

SECTION 00840-12

ADMINISTRATIVE AND PROCEDURAL ITEMS AND FORMS
STATUTORY AFFIDAVIT

COUNTY OF _____ STATE OF _____

FROM: _____
(Contractor)

TO: _____
(Owner)

Re: Contract entered into the ____ day of _____, 20__, between the above-mentioned

Parties for the construction of Project No. _____ located at

KNOW ALL MEN BY THESE PRESENTS:

1. The undersigned hereby certifies that all work required under the above contract has been performed in accordance with the terms thereof, that all materialmen, subcontractors, mechanics, and laborers have been paid and satisfied in full, and that there are no outstanding claims of any character, including disputed claims to which the Contractor has or will assert any defense, arising out of the performance of the contract which have not been paid and satisfied in full except as listed hereinbelow:

**[Instructions-ENTER THE WORD “NONE” OR LIST THE NAMES OF CLAIMANTS
AND THE
AMOUNT CLAIMED BY EACH]**

2. The undersigned further certifies that to the best of his knowledge and belief there are no unsatisfied claims for damages resulting from injury or death to any employees, subcontractors, or the public at large arising out of the performance of the contract, or any suits or claims for any other damage of any kind, nature, or description which might constitute a lien upon the property of the Owner.

3. The undersigned makes this affidavit for the purpose of receiving final payment in full settlement of all claims against the Owner arising under or by virtue of the contract, and acceptance of such payment is acknowledged as a release of the Owner from any and all claims arising under or by virtue of the contract.

SECTION 00840-13

ADMINISTRATIVE AND PROCEDURAL ITEMS AND FORMS

This _____ day of _____, 20 ____.

Signature

Title

Firm

COUNTY OF _____ STATE OF _____

Personally before me, the undersigned authority, appeared
_____, who
(NAME OF PERSON SIGNING AFFADIVIT)

Is known to me to be an official of the firm of

_____ who, after being duly
(NAME OF THE CONTRACTOR)

Sworn, stated on his oath that he had read the above statement and that the same is true and correct.

_____ Notary Public,

My commission expires _____

This _____ day of _____, 20 ____.

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ALLOWANCES
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**SECTION 01020
ALLOWANCES**

PART 1 – GENERAL

1.1 Cash Allowances

- A. The Contractor shall include in his lump sum Bid the Cash Allowances stated herein subject to the provisions of paragraph 11.02 of the General Conditions. These allowances shall cover manufactured equipment or services that will be provided to the Contractor by others. The Contractor shall cause the work covered by these Cash Allowances to be provided by such suppliers as the Owner may select. The Contractor's cost for handling, coordinating and any other costs that are necessary to complete these items but not specifically covered in the Allowance shall be included in the Contractor's lump sum bid. The final amount of any Allowance item listed herein shall be adjusted accordingly and any unused portion will be deducted from the contract price at the completion of the Project by change order to reflect actual cost.

1.2 Supplemental Work (Contingency) Allowance

- A. The Contractor shall allow the sum of \$20,000 for Supplemental Work Additions (SWA's) and also known as Contingencies. SWA shall be utilized to incorporate cost changes for any additional authorized work into the Base Bid scope of work up to the amount budgeted above. Contract change orders shall be enforced for contract changes over and above this amount. These SWA's shall authorize the Contractor to perform addition work, but the Contractor shall perform no work until written authorization has been delivered to the Contractor by the Owner. Contractor should not expect that any allowance will be issued; SWA's shall be issued at the discretion of the Owner only. Any unused portion of the Supplemental Work Allowance will be deducted from the contract price at the completion of the project by Change Order.

PART 2 – PRODUCT (NOT USED)

PART 3 – EXECUTION

3.1 Cash Allowances

- A. Amounts stated in the allowances include the cost to the Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered to the site and all applicable taxes. Contractor's costs for coordination, unloading and handling at the site, labor, installation

costs, overhead, profit and other expenses contemplated have been included in the Contract Price lump sum and not in the allowances. No demand for additional payment on account of any thereof will be valid.

3.2 Supplemental Work Allowance

- A. The value of any additional work covered by a SWA shall be determined in one of the following ways as stated in Article 11 of the General Conditions:
1. Where the work involved is covered by unit prices contained in the Contract Documents, by application of unit prices to the quantities of the item involved (subject to the provisions of General Conditions, paragraph 11.03.
 2. By mutual acceptance of a lump sum by Contractor and the Owner.
 3. On the basis of the cost of the work determined as provided in paragraph 11.01 of the General Conditions plus a Contractor's fee as provided in paragraph 12.01.C and 11.7 of the General Conditions.

END OF SECTION

SECTION 01025
MEASUREMENT AND PAYMENT
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SECTION 01025
MEASUREMENT AND PAYMENT

PART 1. GENERAL

1.1 SCOPE OF WORK

- A. This Section describes the methods by which measurement will be made of the quantities for which payment will be made for the Project. All costs associated with project meetings, and project coordination shall be included in the unit prices listed on the Bid Form.
- B. The project is to be bid as **one (1) contract**.
- C. Defect assessment and non-payment for rejected work.

1.2 MEASUREMENT OF WORK

- A. Measurement methods delineated in the individual specification sections complement the criteria of this section. In the event of conflict, the requirements of the individual specification section govern.
- B. Work shall be measured by the Engineer **or his representative** with assistance from the Contractor prior to preparation of a payment request by the Contractor.
- C. Unit quantities that are measured in place shall be measured monthly. The Contractor shall give the Engineer a minimum of two days notice for making all required measurements.
- D. Materials that must be measured as delivered shall be measured at the time of delivery by the Engineer or his representative; the Contractor shall provide sufficient advance notice so that such measurements can be made.
- E. Work completed shall be measured for completion against the schedule of values provided by the Contractor in accordance with the General Conditions. Related work necessary for a complete and operational job, such as relocation of mail boxes, abandonment of water mains, landscape restoration, stabilizing power poles, relocation of utilities, graveling / maintaining driveways, field engineering, traffic control, etc., not specifically identified as a pay item shall be included in the unit price bid for which the work pertains. No additional payments will be made for such activities.

1.3 ESTIMATED QUANTITIES

- A. All estimated quantities for unit price items, stipulated in the BID FORM, or other Contract Documents, are approximate and are to be used as a basis for comparing the bids submitted for the Project. The actual amounts of work done and materials

furnished under unit price items may differ from the estimated quantities. The basis of payment for work and materials will be the actual amount of work done and materials furnished. The Contractor agrees to make no claim for damages, anticipated profits or otherwise on account of any difference between the amounts of work actually furnished and the estimated amounts included in the BID FORM. The Contractor will not be paid for any work which exceeds the quantity set forth in the BID FORM without a change order issued before the work is performed unless specifically ordered in writing by the Engineer. The Contractor will provide assistance to the Engineer to check quantities and elevations when so requested.

1.4 MEASUREMENT OF QUANTITIES

- A. Measurement by Weight – Concrete reinforcing steel, ductile iron fittings, or other metal shapes will be measured by handbook weights. Welded assemblies will be measured by handbook or scale weight.
- B. Measurement by Volume – Measured by cubic dimension using mean length, width and height or thickness.
- C. Measurement by Area – Measured by square dimension using mean length and width or radius.
- D. Linear Measurement – Measured by linear dimension, at the item centerline or mean chord.
- E. Stipulated Sum/per Each Measurement – Items measured by weight, volume, area, or linear means or combination, as appropriate, as a completed item or unit of the Work.

1.5 PROGRESS PAYMENTS

- A. Progress payments shall be based on the quantity of units installed.
- B. All items of Work not specifically listed in the Bid Schedule shall be considered incidental to the construction, and the cost of all such work and material shall be included in the prices bid for various items listed.
- C. All items listed for measurement and payment shall include all machinery, plant, materials and labor, etc., to successfully and satisfactorily complete Work specified.
- D. Payment – The Contractor will receive payment only for the items listed in the Bid Schedule of his contract, and no separate payments will be made for the work under any section of the Contract Documents except as provided for in the Bid Form. Where measurements are required to be made by the Engineer, for the payment of a pay item, the failure of the Contractor to give the adequate notification or failure of the Contractor to give the engineer assistance for the measurement shall result in the forfeiture of payment for the work or item which was not measured.

-
- E. Work to be paid for as a “Lump Sum” shall be measured for completion against the “Schedule of Values” provided by the Contractor. The “Schedule of Values” shall be submitted at the Preconstruction conference and shall include quantities and prices of items aggregating the total “Lump Sum” and will subdivide the work into component parts in sufficient detail to serve as the basis for progress payments during construction.

PART 2. PRODUCTS

2.1 STORED MATERIALS

- A. Partial payment shall be made for approved materials stored at the project site, provided invoices for said materials are furnished in accordance with payment request submittal and shop drawings for said materials have been approved. All costs associated with covering and protecting equipment and materials shall be bore by the contractor.

PART 3. EXECUTION

3.1 SITE CLEARING (SECTION 02230)

- A. No separate measurement or payment will be made for site clearing along the proposed utility route. Payment for all such site clearing shall be included in unit prices bid per linear foot of the various sizes and types of pipe laid as provided for in Bid Schedule.

3.2 EXCAVATING, TRENCHING, AND BACKFILL FOR UTILITY SYSTEMS (SECTION 02315)

- A. No separate measurement or payment will be made for trench earth excavation for force mains, or other pipes, nor for any other appurtenant facilities such as valves, manholes, piers, and pipe protection of encasement. Payment for all such excavation shall be included in the unit prices bid per linear foot of the various sizes and type of pipe laid as provided for in the contract Bid Schedule. Where special bedding or cradles are shown on Drawings, or required by engineer, no allowance shall be made for extending earth excavation in trenches to the bottom of such bedding or cradles.

3.3 EXCAVATION OF UNSUITABLE MATERIALS & REPLACEMENT (SECTION 02315)

- A. No separate measurement or payment will be made for excavation and replacement of unsuitable materials for sewer mains, or other pipes, nor for any other appurtenant facilities such as valves, manholes, and pipe protection or encasement. Payment for all such excavation and replacement shall be included in the unit prices bid per linear foot of the various sizes and types of pipe laid as provided for in the Bid Schedule.

3.4 SOIL EROSION AND SEDIMENT CONTROL (SECTION 02370)

A. Grassing - Sod

1. Measurement: Quantities for grassing - sod shall be expressed in square yards in accordance with the plans and specifications. Dimensions shall be measured by the total area of sod installed.
2. Payment: Sod installed under these specifications shall be paid for the quantities determined in the manner specified above. This amount, so paid, shall be compensation in full for furnishing all labor, materials, tools, equipment, services and other work necessary to stabilize all areas disturbed with sod.

3.5 WATER DISTRIBUTION SYSTEM (SECTION 02510)

A. Relocate Existing Water Meters

1. Measurement: Measurement for relocating existing water meters shall be on the basis of each water meter and meter box removed and relocated. Service connections and service tubing will be measured separately.
2. Payment: Relocate existing water meters will be paid for at the unit price bid for each water meter relocated. The unit price shall include all materials, labor and equipment and incidentals to dig up, move and reinstall the existing water meter and meter box to the right-of-way as shown on the Drawings. The price shall also include all fittings, couplings and incidentals to reconnect the existing water meter to the service tubing. New service tubing will be installed from the existing water main to the relocated meter and it will be paid for separately. Service Connections to the existing water main will be paid for separately.

B. Reconnect Existing Water Meters

1. Measurement: Measurement for reconnecting of existing water meters to the new service line shall be on the basis of each water meter reconnected to the existing main. Service connections and service tubing will be measured separately.

-
2. Payment: Reconnecting existing water meters to the new service tubing will be paid for at the unit price bid for each water meter reconnected. The unit price shall include all materials, labor and equipment and incidentals and couplings or fittings to connect the new service tubing to the existing water meter and/or tubing to restore service. New service tubing will be installed from the existing water main to the existing meter and it will be paid for separately.

C. Service Connection

1. Measurement: The quantity of service connections will be the actual number completed. Service connections to the existing water main will be measured separately based on the actual number completed. Service tubing will be measured separately along the pipe for the linear feet installed. Reconnection to the existing meters and/or relocated water meters will be measured separately.
2. Payment: Service connections will be paid separately at the unit price bid as shown in the Bid Form per each installed to the various size water mains as scheduled in the Bid Form. The price for each size service connection shall include all labor, materials, equipment to make a tap into the water main and install a double strap saddle, corporation stop, and incidentals required for a complete installation. Service tubing, free bores for services, and reconnection to existing or relocated water meters will be measured and paid for separately.

D. Service Line Installation

1. Measurement: The quantity of service line installations will be the actual number completed. There shall be one service line installation item per service connection to the water main. The "set" (i.e. double-set, triple-set, etc.) refers to the number of meters connected to the service line in accordance with the construction drawings.
2. Payment: Service line installations will be paid separately at the unit price bid as shown in the Bid Form per each installed for the various sets (according to the number of meters) as scheduled in the Bid Form. The price for each service line installation shall include all labor, materials, and equipment to install the service line set, including curb stops, irrigation valve boxes, yokes, and incidentals required for a complete installation. Free bores for services, service tubing, and reconnection to existing or relocated water meters will be measured and paid for separately.

E. Free Bores

1. Measurement: Free bores and casing will be measured separately along the

pipe for the linear feet installed.

2. Payment: Freebores for will be paid for at the unit price bid per linear feet as shown in the Bid Form. The price shall include all labor, materials, equipment, and incidentals required for a complete installation. Service tubing and water mains installed in the casing pipe will be measured and paid for separately.

F. 2" Water Mains

1. Measurement: Two (2) inch water mains will be measured along the pipe from center of fitting to center of fitting or end of pipe in place, without deduction for the length of intermediate fittings or valves. In no case shall the footage of pipe paid exceed the actual footage of the pipe.
2. Payment: Water mains measured as described above will be paid for at the unit price bid per linear foot installed as shown in the Bid Form. Payment shall include all labor, equipment and materials necessary to complete the work as specified. There will be no additional payment where extra depth is incurred due to valve locations, tie-ins, conflicts with other utilities or other field conditions. The bid price for 2" water mains installed shall include all fittings installed along the main.

G. Gate Valves

1. Measurement: Measurement of gate valves will be on the basis of each installed.
2. Payment: Gate valves will be paid for at the unit price per each shown in the Bid Form for various sized valves. The price shall include all materials, labor, equipment, valve box, retainer glands, concrete blocking, concrete pad, and all other incidentals required for a complete installation.

H. Abandon Existing Service Connection

1. Measurement shall be on the basis of each service connection abandoned.
2. Payment shall be on the basis of each service connection abandoned as provided in the Bid Form. Payment shall include all materials, labor, equipment and appurtenances to abandon an existing water service connection including, but not limited to, disconnecting existing service tubing from the corporation stop and closing the corporation stop.

I. Connect to Existing Water Mains

1. Measurement: Measurement of connecting to existing mains will be on the basis of each installed.
2. Payment: Connections to existing mains will be paid at the unit price shown in the Bid Form for various sizes. The price shall include all materials, labor, and equipment to locate, excavate and connect to existing facilities including, but not limited to, tapping saddles, removing existing plugs and concrete block where applicable. Pipe and special fittings, tapping sleeves, and valves with boxes will be paid under separate pay items.

J. Concrete Blocking

1. No separate payment will be made for thrust blocking on the water main. All costs associated with furnishing and installing thrust blocking shall be included in the cost for fittings.

K. Cleaning and Disinfection

1. No separate payment will be made for cleaning and disinfecting. Cleaning and disinfecting piping in the distribution system will be included in the contract unit price for installing the pipe.

L. Marking Tape

1. No separate payment will be made for tape. The cost of furnishing and placing metal detector tape shall be included in the contract unit price for installing the pipe.

M. Tracing Wire

1. No separate payment will be made for tracing wire. The cost of furnishing and installing tracing wire shall be included in the contract unit price for installing water mains and service laterals.

N. Power Pole Stabilization

1. No separate measurement and/or payment will be made for power pole stabilization. The cost of furnishing all equipment and labor necessary for stabilizing power poles to facilitate installation of the water main/services and appurtenances shall be included in the contract unit price for installing water mains.

O. Temporary Obstacles

-
1. No extra payment will be made for temporary removal and replacement of mail boxes, signs, fences, and other miscellaneous obstacles.

P. Traffic Control

1. No extra payment will be made for traffic control including but not limited to flagmen, signage, or any other measures used to control traffic during construction.

Q. Construction Stake-Out

1. No extra payment will be made for staking out utility placement, easements, rights-of-way, or earthwork along the project limits.

R. Potholing

1. No extra payment will be rendered for potholing existing utilities in order to field verify their location or to determine design constructability.

3.6 PAVING AND SITE WORK (SECTION 02741 and 02775)

A. Pavement Replacement over Trench

1. Measurement: The quantities of the various types of pavement repair for which payment will be made shall be expressed in linear feet of paving measured along the centerline of the trench for pipe lines and appurtenances placed in or across existing paved streets or driveways. Where trench excavations cross in paved areas, the measurement shall be continuous along the centerline of the main line, with the interval being measured from the edge of trench to edge of trench or edge of pavement.
2. Payment: Payment for each type of pavement furnished and installed under these specifications shall be made for the quantities determined in the manner specified above at the applicable contract price listed in the Bid Schedule. This amount, so paid, shall be compensation in full for furnishing all labor, tools, equipment, removing existing pavement, restoring striping, density testing, and other work in connection with or incidental to the construction for this bid item.

B. Curb & Gutter

1. Measurement: Measurement of 24" and 30" Concrete Curb & Gutter shall be on the basis of the actual linear footage of the type of curb and gutter installed.
2. Payment: Payment for furnishing and installing the curb and gutter shall be based on the unit price bid per linear foot in the Bid Form.

C. 5' Concrete Sidewalk

1. Measurement of concrete sidewalk shall be on the basis of each linear foot installed.
2. Payment shall include all equipment, labor, materials, forms, grading and incidentals to complete the task.

3.7 ALLOWANCES

A. Supplemental Work Allowance

1. The Contractor shall allow the sum as stated in the Bid Form for Cash Allowances to pay for any supplemental work agreed upon by the Owner and Contractor.

END OF SECTION

**SECTION 01030
SPECIAL PROJECT PROVISION
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**SECTION 01030
SPECIAL PROJECT PROVISION**

PART 1. GENERAL

1.1 ARRANGEMENT OF EQUIPMENT

- A. Unless specifically noted otherwise the arrangement of equipment shown on the Drawings is based upon information available at the time of design and is not intended to show exact dimensions peculiar to a specific manufacturer. The Drawings are, in part, diagrammatic, and some features of the illustrated equipment installation may require revision to meet actual equipment installation requirements. Structural supports, foundations, connected piping and valves and electrical instrumentation connections indicated may have to be altered to accommodate the equipment provided. No additional payment will be made for such revisions and alterations. Substantiating calculations and drawings shall be submitted prior to beginning the work. Also see "SUBMITTALS".

1.2 QUALIFICATIONS/QUALITY CONTROL

- A. All equipment furnished shall consist of standard equipment of proven ability, modified as required for the requirements of these Contract Documents.
- B. All suppliers and installers shall be fully experienced, reputable, qualified and regularly engaged in the manufacturing of the equipment to be furnished.
- C. All equipment shall be designed, constructed and installed in accordance with best practices and methods and shall operate satisfactorily as determined by the Engineer when installed as shown on the Drawings and/or specified.
- D. The Contractor shall have the sole responsibility for proper functioning of the equipment.

1.3 SUBMITTALS

- A. Reference is made to Section 01300 and the submittal data required herein under various paragraphs, especially for motors and electrical equipment.

1.4 USE OF EXISTING PREMISES

- A. The Contractors work force shall not use any of the Owner's existing facilities including rest rooms, break rooms, vending machines and/or other facilities. The Contractor shall provide all such facilities for the use of his personnel.

1.5 ACCESS TO SITE

- A. The Contractor shall be provided vehicle access to the site and shall post signs for control of traffic and provide his own locks or other security measures to protect his equipment and materials.
- B. Protect all existing roads from damage by construction equipment and activity. All existing roads shall remain open and usable by Owner's personnel at all times. Any damage to existing roads shall be repaired immediately to a condition equal to or better than the original condition.

1.6 SERVICES OF MANUFACTURERS' REPRESENTATIVE AND OPERATING MANUALS

- A. Bid prices for equipment furnished under Divisions 11, 13, 15 and 16 shall include the cost of a competent representative of the manufacturers of all equipment to supervise the installation, adjustment, and testing of the equipment and to instruct the Owner's operating personnel on operation and maintenance. This supervision may be divided into two or more time periods as required by the installation program or as directed by the Engineer.
- B. See the detailed Specifications for additional requirements for furnishing the services of manufacturer's representatives.
- C. A certificate from the manufacturer stating that the installation of the equipment is satisfactory, that the unit has been satisfactorily tested, is ready for operation, and that the operating personnel have been suitably instructed in the operation, lubrication, and care of the unit shall be submitted before final acceptance.
- D. For equipment furnished under other Divisions, the Contractor, unless otherwise specified, shall furnish the services of accredited representatives of the manufacturer only when some evident malfunction or over-heating makes such services necessary in the opinion of the Engineer.

- E. In addition, four (4) complete sets of operation and maintenance instructions covering all equipment furnished under Division 11, 13, 14, 15 and 16 shall be delivered directly to the Engineer. These instructions shall consist of clean, legible, reproducible manufacturer's manuals prepared by the manufacturer exclusively for the equipment furnished under this contract and shall contain no irrelevant material. Instructions shall be written in a clear, concise, easily understandable manner to assist in training personnel and shall include operation procedures, maintenance schedules, lubrication schedules and parts list. These instructions shall include schematic and detail drawings and diagrams as necessary to clearly illustrate the written instructions. In addition to the above, a listing of the complete nameplate data for each piece of equipment shall be attached to these instructions.
- F. These manufacturers' instructions shall be delivered to the Engineer in accordance with the requirements of Section 01730.

1.7 INSTALLATION OF EQUIPMENT

- A. Special care shall be taken to ensure proper alignment of all equipment with particular reference to mechanical equipment such as pumps and electric drives. The units shall be carefully aligned on their foundations by qualified millwrights after their sole plates have been shimmed to true alignment at the anchor bolts. The anchor bolts shall be set in place and the nuts tightened against the shims. After the foundation alignments have been approved by the manufacturer, the bedplates or wing feet of the equipment shall be securely bolted in place. The alignment of equipment shall be further checked after securing to the foundations, and after confirmation of all alignments, the sole plates shall be finally grouted in place. The Contractor shall be responsible for the exact alignment of equipment with associated piping, and under no circumstances, will "pipe springing" be allowed.
- B. All wedges, shims, filling pieces, keys, packing, red or white lead grout, or other materials necessary to properly align, level, and secure apparatus in place shall be furnished by the Contractor. All parts intended to be plumb or level must be proven exactly so. Any grinding necessary to bring parts to proper bearing after erection shall be done at the expense of the Contractor.

1.8 SLEEVES AND OPENINGS

- A. The General Contractor shall provide all openings, channels, chases, etc., and install anchor bolts and other items to be embedded in concrete, as required to complete the Work under this Contract, together with those required by subcontractors, and shall do all cutting and patching, excepting cutting and patching of materials of a specified trade and as stated otherwise in the following paragraph except for Electrical Work. The Electrical Contractor shall provide all openings necessary for his work.

- B. The General Contractor shall coordinate with the Electrical Contractor and all subcontractors to provide all sleeves, inserts, hangers, anchor bolts, etc. of the proper size and material for the execution of the Work. The General Contractor shall be responsible for any corrective cutting and refinishing required to make the necessary openings, chases, etc. In no case shall beams, lintels or other structural members be cut without the written approval of the Engineer.

1.9 RELOCATIONS

- A. The Contractor shall be responsible for the relocation of structures, including but not limited to signs, sign poles, fences, piping, conduits and drains that interfere with the positioning of the Work as set out on the Drawings. The cost of all such relocations shall be included in the bid for the project and shall not result in any additional cost to the Owner.

1.10 OBSTRUCTIONS

- A. The attention of the Contractor is drawn to the fact that during excavation at the Project site, the possibility exists of the Contractor encountering various water, chemical, electrical, or other lines not shown on the Drawings. The Contractor shall exercise extreme care before and during excavation to locate and flag these lines so as to avoid damage to the existing lines. Should damage occur to an existing line, the Contractor shall repair the line at no cost to the Owner.
- B. It is the responsibility of the Contractor to ensure that all utility or other poles, the stability of which may be endangered by the close proximity of excavation, are temporarily stayed in position while work proceeds in the vicinity of the pole and that the utility or other companies concerned be given reasonable advance notice of any such excavation by the Contractor.

1.11 PROVISIONS FOR CONTROL OF EROSION

- A. Sufficient precautions as outlined in Section 02370 shall be taken during construction to minimize the run-off of polluting substances such as silt, clay, fuels, oils, bitumens, calcium chloride, or other polluting materials harmful to humans, fish, or other life, into the supplies and surface waters of the State. Control measures must be adequate to assure that turbidity in the receiving water will not be increased more than 10 nephelometric turbidity units (NTU), or as otherwise required by the State or other controlling body, in water used for public water supply or fish unless limits have been established for the particular water. In surface water used for other purposes, the turbidity must not exceed 25 NTU unless otherwise permitted. Special precautions shall be taken in the use of construction equipment to prevent operations which promote erosion.

1.12 PROVISIONS FOR THE CONTROL OF DUST

- A. Sufficient precautions as outlined in Section 02370 shall be taken during construction to minimize the amount of dust created. Wetting down the site may be required or as directed by the Engineer to prevent dust as a result of vehicular traffic.

1.13 ON SITE STORAGE

- A. The Contractor's attention is invited to special storage requirements and possible charges for noncompliance of on site storage requirements for materials and equipment as specified in Section 01605.

1.14 DISINFECTION

- A. The Contractor shall clean, disinfect and bacteriologically test and clear in accordance with AWWA 651, C652, and C653 as applicable all water supply facilities affected by this project which shall come into contact with raw water, water being treated or treated water prior to placing the facility in operation. The above statement shall apply to both new facilities installed, and existing facilities which are to be modified.
- B. The Contractor shall employ a disinfection method approved by the Engineer and Owner, and shall fully satisfy the Owner that adequate disinfection has been achieved prior to placing a facility on-line. The Contractor shall furnish the Owner with written documentation of the dates of disinfection, method of disinfection and results of disinfection.
- C. The cost of all disinfection work shall be included in the prices quoted in the Proposal. The Contractor shall pay for the costs associated with the first bacteriological tests of each pipeline or component tested. Should the test show contamination, the system shall be re-chlorinated and additional samples taken and tested until no contamination is indicated. The Contractor shall pay for all costs associated with re-chlorinations and re-testing of water samples, including, but not limited to, the cost of additional bacteriological testing.

1.15 CONNECTIONS TO EXISTING SYSTEMS

- A. The Contractor shall perform all work necessary to locate, excavate and prepare for connections to the terminus of the existing mains all as shown on the Drawings or where directed by the Owner. The cost for this work and for the actual connections to the existing system shall be included in the bid for the project and shall not result in any additional cost to the Owner. Said connections shall be made only after approval by the Engineer.

1.16 SALVAGE

- A. Any existing equipment or material, including but not limited to, valves, pipes, fittings, couplings, etc., which is removed or replaced as a result of construction under this project shall be disposed of by the Contractor at a suitable location unless specifically noted on the drawings to be delivered to the Owner.

1.17 MAINTENANCE OF EXISTING WASTEWATER FACILITIES OPERATION

- A. The Contractor shall take notice that existing wastewater facilities are operated in the construction area. It is the responsibility of the Contractor to contact the office of each utility operator and ascertain the extent of any specific service area.
- B. The Contractor shall fully cooperate at all times with the Owner in order to maintain the operation of the existing facilities with the least amount of interference and interruption possible. Continuous service, public health and safety considerations shall exceed all other considerations and the Contractor's schedule, plans and work shall at all times be subject to alteration and revision if necessary for above considerations.
- C. The Engineer and Owner reserve the right to require the Contractor to work 24 hours per day in all cases where, in their opinion, interference with operation of the system may result.
- D. In no case will the Contractor be permitted to interfere with the existing system until all materials, supplies, equipment, tools and incidentals necessary to complete the interfering portion of the work are on the site.

1.18 UTILITY CROSSINGS

- A. It is intended that wherever existing utilities such as water, sewer, chemical, electrical or other service lines must be crossed, deflection of the pipe within recommended limits and cover shall be used to satisfactorily clear the obstruction unless otherwise indicated on the Drawings. However, when in the opinion of the Engineer this procedure is not feasible he may direct the use of fittings for a utility crossing as detailed on the Drawings.

1.19 WARRANTIES

- A. All equipment supplied under these Specifications shall be warranted by the Contractor and the equipment manufacturers for a period of one (1) year. Warranty period shall commence on the date of Substantial Completion.
- B. The equipment shall be warranted to be free from defects in workmanship, design and materials. If any part of the equipment should fail during the warranty period it

shall be replaced in the machine(s) and the unit(s) restored to service at no expense to the Owner.

- C. The manufacturer's warranty period shall run concurrently with the Contractor's warranty or guarantee period. No exception to this provision shall be allotted. The Contractor shall be responsible for obtaining equipment warranties in accordance with Section 01740 from each of the respective suppliers or manufacturers for all the equipment specified under Divisions 11, 13, 15 and 16.
- D. In the event that the manufacturer is unwilling to provide a one year warranty commencing at the time of Owner acceptance, the Contractor shall obtain from the manufacturer a two (2) year warranty starting at the time of equipment delivery to the job site. This two-year warranty shall not relieve the Contractor of the one-year warranty starting at the time of Owner acceptance of the equipment.

1.20 SITE RESTORATION

- A. The Contractor shall remove all excess material and shall clean up and restore the site to its original condition or better. All damage, as a result of work under this Contract, done to existing structures, pavement, driveways, paved areas, curbs and gutters, sidewalks, shrubbery, grass, trees, utility poles, utility pipelines, conduits, drains, catch basins, flagstones, rocked, graveled or stabilized areas or driveways and including all obstructions not specifically named herein, shall be repaired.

1.21 WATERTIGHTNESS

- A. Special precautions shall be taken in the curing of concrete to reduce concrete cracking as called for in Section 03300. Each water retaining structure (those which are intended to hold a liquid) shall be filled and tested for leaks by the Contractor with clean water. Procedure and manner in which any leaks are repaired must meet the approval of the Engineer.
- B. Hydrostatic testing of cast-in-place concrete structures shall be in accordance with ACI 350.1/350.1R-7 Tightness Testing of Environmental Concrete Structures. The testing criteria shall be HST-NML, no measurable loss.
- C. Water for testing concrete structures shall be potable unless non-potable or raw water is approved by the Engineer and shall be provided by the Owner at no cost to the Contractor for the initial test of each structure. Any additional water required as a result of failing the initial test shall be furnished and supplied by the Contractor at no additional cost to the Owner. Contractor shall coordinate with the Owner regarding the volume and availability of water for testing. All potable and non-potable raw water used must be metered and accounted for and not wasted by the Contractor. The Contractor should also reuse water for testing other basins and

furnish and supply pumps, pipes and other appurtenances necessary to transfer water to other concrete structures.

D.

- D. Contractor shall be responsible for providing all pipe, meters, valves, hoses, pumps, and equipment, for filling basins to be tested and for transfer of the testing water for re-use in testing other basins. Contractor shall coordinate hydrostatic and process equipment testing to minimize the volume of water needed for testing.

PART 2. PRODUCTS

2.1 MATERIAL AND EQUIPMENT – GENERAL

- A. These Specifications call attention to certain features, but do not purport to cover all details of construction of the units. However, the Contractor shall furnish and install the mechanisms and/or systems complete in all details and ready for operation when external connections are made. Where components Standard with the manufacturer are not specifically mentioned, such components shall be provided and incorporated in the work as if they had been completely described or detailed, at no additional expense to the Owner.
- B. All steel members used in the fabrication of the equipment shall conform to the requirements of "Specifications for Structural Steel", ASTM A36.
- C. Design and fabrication of structural steel members shall be in accordance with the latest edition of AISC "Specifications for the Design, Fabrication, and Erection of Structural Steel for Buildings". Zinc Coating (hot dip) for Steel Shapes, Bars, Plates and Strip shall be in accordance with the latest edition of ASTM A123. Zinc Coating (hot dip) for Iron and Steel Hardware shall be in accordance with the latest edition of ASTM A153. All welding shall conform to the latest standards of the American Welding Society.
- D. All parts shall be amply proportioned for all stresses which may occur during fabrication, erection, and operation. All parts of the same size and type shall be identical.

2.2 BOLTS, NUTS AND WASHERS FOR EQUIPMENT

- A. Bolts for the equipment assembly shall be refined bar iron, except that where the equipment body is stainless steel, aluminum or a bronze alloy, the bolts shall be of the same corrosion resistant material. Hexagonal nuts shall be of the same metal as the bolts. All threads shall be clean cut, coarse threads, Class II fit, and shall conform to U.S. Standard BL 1-1060 for United Screw Threads.
- B. Bolts, nuts, and washers shall be type 316 stainless steel or galvanized or zinc-coated steel, (after being threaded), by the hot-dip process in conformity with the ASTM A153.
- C. Bolts and hardware for structural uses if specified, are included in Section 05500. Bolts and hardware for making up joints in pipe work shall be as specified in the individual appropriate Section.

2.3 SHAFT COUPLINGS

- A. General
 - a. Shaft couplings for direct connected electric motor driven equipment 1/2 horsepower or larger shall be type I or type II as specified herein. Where requirements of the equipment dictate specialized features, the manufacturer may substitute the coupling normally supplied for the service. All couplings shall be non-lubricated type, designed for not less than 50,000 hours of operating life.
 - b. Coupling sizes shall be as recommended by the manufacturer for the specific application, considering horsepower, speed of rotation, and type of service. The use of couplings as specified herein shall not relieve the Contractor of his responsibility for precision alignment of all driver-driven units as specified by the equipment manufacturer.
- B. Type I Couplings
 - a. Positive displacement pumps, applications with high torque loads (such as conveyor belts) and reversing equipment or equipment where sudden torque reversals may be expected shall be connected to their drivers by flexible couplings which can accommodate angular misalignment, parallel misalignment, and end float, and which cushions shock loads and dampens torsional vibrations. The flexible member shall consist of a built-up elastic member comprised of synthetic rubber, duck and wire reinforcement with synthetic tension members bonded together in rubber. The flexible member shall be attached to flanges by means of clamping rings and cap screws, and the flanges shall be attached to the stub fit. There shall be no metal-to-metal contact between the driver and driven unit.

C. Type II Couplings

- a. Type II couplings shall consist of an elastomeric sleeve with teeth which lock into the teeth of flanges without the use of clamps or screws. Flanges shall be of cast iron. No bolts, gaskets, covers, or seals shall be used. Couplings shall be designed with a service factor of 2.0. Sleeve shall be EPDM or Hytrel. Couplings shall be "Sure Flex", manufactured by T.B. Wood's Sons Co. or approved equal.

2.4 V-BELT DRIVES

- A. Unless otherwise noted, V-belt drives shall be Dodge Dyna V-belts with matching Dyna V-sheaves and Dodge Taper-lock bushes or Wood's Super v-belts with matching Sure-Grip sheaves and Wood's Sure-Grip bushes, or approved equal.
- B. Pulleys and bushes which operate at a peripheral speed of more than 5,500 feet per minute shall be dynamically balanced. All pulleys and bushes shall be statically balanced. Pulleys shall be separately mounted on their bushes by means of three pull-up grub or cap tightening screws. Bushes shall be key seated to the drive shaft.
- C. Belts shall be selected for not less than 150 percent of rated driver horsepower and, where two pulley sizes are specified, shall be capable of operating with either set of pulleys. Belts shall be of the antistatic type where explosion proof equipment is specified.
- D. Each different type and size of belt-driven unit shall be furnished with a complete set of spare belts. Spare belts shall be properly identified as to design, horsepower, speed, length, pulley size, and use and shall be packaged and stored as described in the General and Special Conditions. Where two or more belts are involved, matched sets of belts shall be provided.

2.5 GUARDS

- A. All exposed moving parts shall be provided with guards in accordance with the requirements of OSHA. Guards shall be fabricated of flattened expanded metal screen, 3/4-inch No. 10, to provide visual inspection of moving parts without removal of the guard.
- B. Guards shall be galvanized after fabrication and shall be designed to be readily removable to facilitate maintenance of moving parts. Windows shall be provided in the guard for access to the lubricating fittings.

2.6 NAMEPLATES

- A. Equipment nameplates shall be engraved or stamped on stainless steel and fastened

ft to the Equipment (except pipework) in an accessible location with oval head stainless steel screws or drive pins.

- B. Nameplates shall as a minimum contain manufacturers name and address; year of manufacture; serial number; speed, horsepower and voltage (if applicable) and other applicable information as acceptable to the Engineer.

2.7 BEARINGS AND LUBRICATION FITTINGS

- A. Unless otherwise specified all equipment bearings shall be oil or grease lubricated, ball or roller antifriction type of standard manufacturer. Bearings shall be conservatively designed to withstand all stresses of the service specified and shall be selected on the basis of a 60 degree C ambient temperature. Each bearing except when otherwise noted, shall be rated in accordance with the latest revisions of AFBMA Methods of Evaluating Load Ratings of Ball and Roller Bearings for one of the following classes of B-10 rating life: Class M1, 8,000 hours of operation; Class M2, 20,000 hours of operation; Class M3, 50,000 hours of operation; Class M4, 100,000 hours of operation and Class M5, 200,000 hours of operation.
- B. Unless otherwise noted, all process-associated equipment, including motors, drivers, and driven units shall have, as a minimum, bearings for Class M3 life.
- C. All grease lubricated bearings, except those specified to be factory sealed and lubricated, shall be fitted with easily accessible grease supply, flush, drain, and relief fittings. Extension tubes shall be used when necessary. Grease supply fittings shall be standard hydraulic type designed for use with quick hydraulic couplings attached to grease guns. All equipment shall be equipped with an identical type of pressure grease fittings, Alemite, Zerk, or equal.
- D. Oil lubricated bearings shall be equipped with either a pressure lubricating system or a separate oil reservoir type system. Each oil lubrication system shall be of sufficient size to safely absorb the heat energy normally generated in the bearing under a maximum ambient temperature of 60 degree C and shall be equipped with a filler pipe and an external level indicator gauge.
- E. To avoid work hardening or "brinelling" damage from vibration, bearings shall be removed and shipped separately, or rotating parts of machinery shall be locked in place to prevent movement during transport.

2.8 EQUIPMENT MOUNTS, GROUTING AND VIBRATION ISOLATION

- A. Equipment mountings shall be as shown. Where a steel or cast base is shown between the equipment and a concrete pedestal it shall be painted after fabrication in conformance with applicable provisions of Division 9. It also shall be equipped with drain pans and drain connections, where applicable.
- B. All concrete plan dimensions for bases or pedestals shall be at least 2 inches larger in each dimension than the steel or cast base installed thereon. Conduits, piping connection, drains, etc., shall be installed as shown on the Drawings, or if not shown, as acceptable to the Engineer.
- C. When specified or noted in the Drawings, the equipment, including the base, shall be mounted on or suspended from vibration isolators to prevent the transmission of vibration and mechanically transmitted sound to the supporting structure. Vibration isolation available internally in the equipment unit is not equivalent and shall not be provided when vibration isolation as specified herein is required. Normally provided internal vibration isolators need to be replaced with rigid supports in such cases.
- D. Details of the vibration isolators where required by certain units of mechanical equipment are included in the Specifications for furnishing and installing those units.
- E. The Contractor shall furnish the necessary materials and construct suitable raised concrete foundations for all equipment installed by him, even though such foundations may not be indicated on the Drawings. The tops of foundations shall be at such elevations as will permit grouting as specified below.
- F. In setting pumps, motors, and other items of equipment customarily grouted, the Contractor shall make an allowance of at least one (1) inch for grout under the equipment bases. All shims shall be removed. Unless otherwise approved, all grout shall be nonshrinking grout, acceptable to the Engineer. See also Paragraph on Installation in Part 3.
- G. Grout shall be mixed and placed in accordance with the Section 03300. Where practicable, the grout shall be placed through the base and across the rough top of the concrete foundation to a peripheral form so constructed as to provide a suitable chamfer around the top edge of the finished foundation.
- H. Where such procedure is impractical, the method of placing grout shall be as acceptable to the Engineer. After the grout has hardened sufficiently, all forms, hoppers and excess grout shall be removed, and all exposed grout surfaces shall be patched in a manner acceptable to the Engineer, and if necessary, given a burlap-rubbed finish, and painted with at least two coats of paint, as noted in Division 9.

2.9 ANCHORAGE OF EQUIPMENT

- A. Anchor bolts for structural steel if specified are included in Section 05500. Anchorage of pipe is included in Section 15094.
- B. Anchor bolts for all equipment and appurtenances shall be furnished and installed as specified herein and/or as shown on the Drawings. Anchor bolt holes in equipment support frames shall not exceed the bolt diameters by more than 25 percent, up to a limiting maximum oversizing of 1/4-inch. Minimum anchor bolt diameter shall be 3/4-inch. All anchor bolts shall be furnished with leveling nuts, the faces of which shall be tightened against flat surfaces to not less than 10 percent of the bolt's safe tensile stress.
- C. It shall be the responsibility of the equipment manufacturer to determine the number, size, location, and total length of all anchor bolts to be set in concrete. Anchor bolts shall be designed for lateral forces for both pullout and shear in accordance with ANSI A58.1 for Seismic Zone 2A. Embedment details for anchor bolts used with equipment shall be as shown in the Drawings. All anchor bolts shall be furnished by the equipment manufacturer to the Contractor. Anchor bolts, nuts, and washers located in any water containing structure or channel or exposed to any wet or corrosive environments like hydrogen sulfide gasses or chemical environments, shall be Type 316 stainless steel; all other anchor bolts, nuts, washers, and bolt sleeves shall be hot-dip galvanized in accordance with ASTM A 153. Adhesive type anchors shall be Hilti HVA or equal.
- D. Expansion bolts, nuts, and washers located in any water containing structure or channel, shall be 304 Type stainless steel equal to Kwik-Bolts as manufactured by Hilti; all other expansion bolts, nuts, and washers shall be hot-dip galvanized in accordance with ASTM A 153. Adhesive type anchors shall be Hilti HVA or equal.
- E. Anchor bolts and expansion bolts shall be set accurately. If anchor bolts are set before the concrete has been placed, they shall be carefully held in suitable templates furnished by the manufacturer and of an acceptable design. Anchor bolts shall be formed as indicated on the Drawings. If anchor or expansion bolts are set after the concrete has been placed, all necessary drilling and grouting or caulking shall be done by the Contractor and care shall be taken not to damage the structure finish by cracking, chipping, spalling or otherwise during the drilling, expanding and caulking.
- F. No equipment shall be anchored to vertical structural elements without written approval of the Engineer, except pipe hangers, supports or anchorage as specified.

2.10 LUBRICANTS AND FUEL

- A. The Contractor shall provide all mechanical equipment with a sufficient supply of correct lubricants and fuel for starting, testing, and initial 10-day operation period. All lubricants and fuel shall be of types recommended by the applicable equipment

manufacturer. The Contractor, subject to the approval of the equipment manufacturer's, shall limit lubricants to the least number or types required for normal maintenance of all equipment.

2.11 LIFTING LUGS

- A. Lifting lugs or lifting eye bolts shall be provided for all equipment or any component weighing 50 pounds or more, for setting of units or future removal. They shall be galvanized or zinc plated steel.

2.12 VIBRATION

- A. Except as subsequently modified for particular cases by these Specifications, all rotating/moving, mechanical equipment shall not exhibit unfiltered readings in excess of the following amplitudes:

<u>Speed Range</u>	<u>Antifriction</u>	
	<u>Bearings^a</u>	<u>Sleeve Bearings^b</u>
900 rpm and below	3.0 mils	3.5 mils
901-1800 rpm	2.2	3.0
1801-3000 rpm	1.3	2.5
3001-4500 rpm	1.0	2.0
4501 and above	0.5	1.6

- a. Measured on bearing housing in vertical axial and horizontal direction.
- b. Relative shaft-to-casting motions for both rigid mounted and isolator mounted equipment.
- B. Axial shaft vibration displacements (relative to casing) shall not exceed 50 percent of the maximum lateral shaft vibration displacements (relative to casing existing at any point along the shaft).
- C. The above vibration responses are to include the range from 5.0 Hz to 5000 Hz. and shall therefore encompass both low and high frequency responses of the subject equipment. The measurements shall be obtained with the equipment installed and operating at any capacity within the specified operating range. In addition to these maximum unfiltered readings, it is also stipulated that no narrow band spectral acceleration component, whether subrotational, higher harmonic or asynchronous multiple of running speed, shall exceed 40 percent of the synchronous displacement amplitude component without manufacturer's detailed verification of the origin and ultimate effect of said excitation.
- D. A field vibration test will be required of all rotating or reciprocating machinery.

2.13 NOISE REQUIREMENTS

A. General

- a. In an attempt to conform to the OSHA Standard of 90 dBA for a maximum 8 hour exposure per day within any working area, it has been established that each piece of equipment must be limited as to its "free field" noise level. Therefore, unless otherwise specified, the permissible "free field" noise level for a complete piece of mechanical equipment which is to be located within a structure shall not exceed 87 dBA at a distance of 3 feet from the equipment. For the purposes of this Paragraph, "free field" shall be the noise level measured when the equipment including the driver, driven equipment and any intermediate couplings, gears and auxiliaries is operating. For a complete piece of mechanical equipment located outside of a structure, the maximum permissible noise level shall comply with the requirements of the OSHA Standard Specifications.
- b. Maximum permissible noise levels are in decibels as read on the "A" weighting network of a standard sound level meter (dBA); all measurements are made in relation to a reference pressure of .0002 microbar. Measurements of emitted noise levels shall be made on a sound level meter meeting at least the Type II requirements as set forth in ANSI S1.4 "Specification for General Purpose Sound Level Meters". The sound level meter shall be set on the "A" scale and to slow response. Unless change in the specific section relating to a particular piece of equipment, the point of measurement of sound level shall be made at the specified distance from any major surface along the entire perimeter and at mid-height of the piece of equipment. If mid-height is not easily determinable, then line of measurement shall be at a height level with the apparent noise source. To assure accuracy, the sound level meter shall be acoustically calibrated with an appropriate instrument, prior to test measurement.

B. Testing

- a. The Contractor shall furnish for each piece of rotating/moving equipment prior to shipment to the job site, a certified factory noise test report on the actual equipment to be provided or an unconditional guarantee that the equipment when operating under design conditions will not produce noise exceeding the permissible levels specified.
- b. Noise measurements shall be accomplished at the factory or at such other location approved by the Engineer; in any event, these measurements shall be accomplished prior to shipment of any equipment to the job site. The

measurements shall take place in a reverberant or semi-reverberant condition, with equipment sitting on a hard reflective surface. Alternative permitted conditions are those which duplicate the circumstances under which the equipment will operate in this project.

- c. Noise level measurements shall be taken or observed by an independent acoustical laboratory or consultant retained and paid for by the Contractor. Such independent acoustical laboratory or consultant shall be qualified by experience in the acoustical field to take such measurement and shall be responsible for conducting them in accordance with accepted procedures for the measurement of sound. The selection of the laboratory or consultant shall be acceptable to the Engineer. Such person responsible for the tests shall certify the maximum noise levels emanating from the equipment, its operating conditions, the environment in which tests were conducted, a list of the acoustical instruments used, and the points at which the measurements were made. The description shall be sufficiently detailed to permit the test to be repeated, and it shall include a sketch of the item being measured which shows the points of measurement and the point of maximum encountered noise level on the measurement.
- d. If the Contractor provides an unconditional guarantee, the Engineer may request field tests for noise generation which shall be conducted at the Contractor's expense by an independent acoustical laboratory or consultant acceptable to the Engineer. In the event that the noise level is in excess of the allowable limits, appropriate field noise reduction measures shall be undertaken to reduce the noise to the allowable limits. If the noise level is within the allowable limits the Owner will pay the Contractor for all expenses incurred in conducting the test. All field noise reduction measures shall be at the Contractor's expense and shall be acceptable to the Engineer prior to installation. Rated capacities, operation and normal maintenance procedures of the equipment shall not be affected by the noise reduction measures. (Note: noise and vibration tests can be done by the same Subcontractor if they are so qualified).

2.14 PROTECTION AGAINST ELECTROLYSIS

- A. Where dissimilar metals are used in conjunction with each other, suitable insulation as acceptable to the Engineer shall be provided between adjoining surfaces so as to eliminate direct contact and any resultant electrolysis. The insulation shall be bituminous impregnated felt, heavy bituminous coatings, nonmetallic separators or washers, or other acceptable materials.

2.15 PROVISION FOR TEMPORARY PRESSURE GAUGE CONNECTION

- A. Where pressure gauges are not shown on the suction and discharge piping of pumps

and compressors, the Contractor shall make provision for the temporary connection of pressure gauges by providing a 1/2-inch connection and tee handle isolation ball valves or corporation stops.

PART 3. EXECUTION

3.1 FACTORY INSPECTION, TESTING AND CORRECTION OF DEFICIENCIES

- A. The Engineer shall have the right to inspect and test all materials or equipment prior to shipment from the point of manufacture.
- B. Factory noise and vibration testing, as noted in this Section shall be performed for all applicable units. In addition, where noted in the individual Sections, or where required by the referenced standard specification, the units (and system where applicable) shall have additional required factory tests performed. At least 30 days notice shall be given to the Engineer to allow the opportunity for the Engineer to be present at the test.
- C. Where a factory test is required, no materials or equipment shall be shipped until the factory test (and shop drawings) are acceptable to the Engineer.
- D. Additional information on factory inspection and testing of pipes is included under the respective pipe Sections.
- E. Unless otherwise noted the manufacturer will furnish all necessary labor, equipment, tools, and incidentals required for proper factory testing of equipment and correction of deficiencies, at no change in Contract Price.

3.2 SHOP AND FIELD PAINTING/COATING

- A. Unless otherwise specified herein or elsewhere in these Specifications (See Division 9 and individual Sections): All motors, drives, pumps (except submersible pumps), and other manufactured items installed above ground or in buildings shall be shop primed and provided with manufacturer's standard synthetic or baked-on enamel finish paint. Where surfaces have been shop painted but have been damaged during delivery to site, storage, and/or assembly, or where the shop coats have deteriorated, these surfaces shall be properly cleaned and retouched or repainted with matching paint. All submersible pumps and associated piping shall be shop painted in accordance with the painting specifications for submerged ferrous metals (See Specifications Division 9).
- B. Galvanizing for other than bolts as noted in Part 2, shall conform to Division 5. Galvanized steel or aluminum equipment and appurtenances shall not be shop primed or shop painted.

3.3 SHIPPING, HANDLING, DELIVERY AND STORAGE

- A. All parts and equipment shall be properly crated, packaged, sealed and/or otherwise protected so that no damage or deterioration will occur during shipping, delivery, handling, or while stored for a prolonged period on the Site. Attention is directed to Section 01605.
- B. Heavy items shall be packed for fork lift truck handling and/or with hook or sling for crane handling. All items subject to water damage shall be packed or provided with waterproof covers suitable for outdoor storage. All packing shall be strong, durable, and rugged and shall be designed to prevent uneven forces on the items. Fragile items shall be suitably protected with special padding and shall be so marked.
- C. Each package shall be delivered with a complete packing list attached. Packing lists will make reference to the respective package number and shall completely itemize, by description and quantity, the contents of each package.
- D. The finished surfaces of all exposed openings shall be protected by wooden blank flanges, strongly built and securely bolted thereto, or other protection acceptable to the Engineer. Finished iron or steel surfaces not otherwise coated shall be properly protected to prevent rust and corrosion.
- E. Factory assembled parts and components shall not be dismantled for shipment unless permission is received in writing from the Engineer.
- F. The manufacturer's instructions and recommendations shall be followed for unloading, transporting, or otherwise handling units. Suitable slings or similar lifting devices shall be utilized to prevent strains.
- G. Items shall not be shipped until factory testing (where required) and shop drawings information is acceptable to the Engineer (see Section 01300). The intent of this requirement is to reduce on-site storage time prior to installation and operation. Under no circumstances shall units be delivered to the Site more than one month prior to installation without written authorization from the Engineer.
- H. Site Storage
 - a. All units having moving parts such as gears, electric motors, and instruments shall be stored in a temperature controlled building acceptable to the Engineer until such time as to be installed.
 - b. All units shall be stored fully lubricated with oil, or grease, unless otherwise instructed by the Manufacturer.
 - c. Manufacturer's storage instructions shall be carefully studied by the

Contractor and reviewed with the Engineer.

- d. Attention is directed to the Contractor's need to manually rotate units' moving parts periodically per the manufacturers' recommendations prior to the Owner's final acceptance (including in storage).
- e. Lubricants shall be changed upon completion of installation, and as frequently as required, or recommended by the Manufacturer, during the period between installation and acceptance. New lubricants shall be put in at the time of acceptance.
- f. Prior to acceptance of any item, if so required by the Engineer, the Contractor, at his own expense, shall have the Manufacturer inspect and certify that the unit's condition has not been detrimentally affected by any long storage period. Such certifications by the Manufacturer shall be deemed to mean that the unit is judged by the Manufacturer to be in a condition equal to that of unit that has been shipped, installed, tested, and accepted in a minimum time period. As such, the Manufacturer will guarantee the unit equally in both instances. If such a certification is not given when requested, the unit shall be judged to be defective. It shall be removed and replaced at the Contractor's expense.

3.4 INSTALLATION OF EQUIPMENT

- A. Unless otherwise noted the Contractor will furnish and pay for and coordinate all necessary labor, equipment, tools, water, and power required to install, service, and make adjustments necessary for the proper installation and shall perform the installation.
- B. Ensure proper installation of all items in accordance with manufacturer's recommendations and instructions in the locations(s) shown to produce a complete workable system; particularly to ensure the correct alignment of drivers and pumps, etc. All units shall be aligned on their foundations by qualified millwrights after their sole plates have been shimmed level at the anchor bolts. Set all anchor bolts in place and tighten all nuts against the shims. After the foundation alignments have been considered acceptable to the Engineer, securely bolt in place the bedplates or wing feet of the equipment. Make further and final alignment checks and any adjustments before grouting in the sole plates. Under no circumstances will "pipe springing" be allowed.

- C. Wedges, Shims, filling pieces, keys, packing, grout, or other materials necessary to align, level, and secure equipment in place shall be furnished and install by the Contractor. All parts intended to be plumb, level or perpendicular must be exactly so. Any grinding required to bring parts to proper bearing shall be done at the expense of the Contractor.
- D. Normal installation procedures for all items (including Owner furnished items if any) such as: making connections, adjusting packing, aligning, connection of bases, coupling, wiring, piping, shimming, assembly of normally shipped loose components, use of drift pins, deburring, identification of wires at terminals, following manufacturer's instructions and similar items of standard installation practice shall be performed by the Contractor whether specifically mentioned herein or not. References are made to: AISC "Code of Standard Practices" Section 5-180; "Standards of the Hydraulic Institute"; American Welding Society Standards, applicable government codes.
- E. Installation shall include furnishing the grease and lubrication for testing.

3.5 FIELD TESTING AND CORRECTION OF DEFICIENCIES

- A. Field testing shall not be conducted until the installation is certified (in writing) as acceptable by the Manufacturer. Field testing may not be required for all items. Testing shall be conducted in accordance with the individual Specifications and Section 01410.
- B. The Contractor shall furnish to the Owner and Contractor, at least 90 days prior to scheduled field testing, a list of those special items needed to test the equipment and for use during normal operation and maintenance.
- C. Unless otherwise noted the Contractor will furnish and pay for all necessary labor, equipment, tools, incidentals, required for proper testing and initial operation. Unless otherwise noted the Contractor will operate the equipment and conduct the field test(s).
- D. Field testing shall be as set out in the individual Specifications and herein for vibration and noise, and shall also include the lubrication system and its components. Field testing shall be witnessed by, and acceptable to, the Manufacturer's representative and the Engineer, unless otherwise noted.
- E. All defects recorded during the above field tests and all defects and failures occurring within the Correction Period shall be corrected by and at the expense of the Contractor, in accordance with Article 13 of the General Conditions.
- F. In the event the items or system performance does not meet the requirements of the Specifications, the necessary corrective measures shall be made at the expense of

and by the Contractor, unless otherwise specifically noted, and the item or system retested. If the items or system remains unable to meet the design requirements to the satisfaction of the Engineer, they shall be removed and replaced with satisfactory items or system(s) at the Contractor's expense, unless otherwise specifically noted.

- G. The above testing and/or correction procedures shall continue until the items are acceptable to the Engineer.

3.6 CLEANING AND REPLACEMENT OF GLASS

- A. All glass shall be thoroughly cleaned and polished by qualified window cleaners just before acceptance of the Work at the expense of the Contractor.
- B. All broken glass shall be replaced by the Contractor at no expense to the Owner.

3.7 ARCHITECTURAL COATINGS

- A. Maintain coordination among trades such as windows, window-walls, louvers, doors and frames, etc. requiring coatings. Match the color and texture of coatings to the satisfaction of the Engineer. Promptly remove from the job site, items the Engineer rejects.

3.8 PIPE MARKING

- A. Ensure that correct pipe identification and flow direction marking, as specified in the Finish Painting Section of Division 9, is properly carried out to the satisfaction of the Engineer.

3.9 VALVE INDICES

- A. The General Contractor shall be responsible for field locating and tagging with noncorrosive metal or plastic tag, all valves and sluice or slide gates. Each valve's tag shall be stamped with a number and words to identify the valve's function and normal operating position. Numbers and the remainder of the coding system shall be provided by the Owner prior to startup of the facilities. The size of the noncorrosive tag shall be 2 inches in diameter and 19 gage thick or approved equal. Figures shall be at least 1/4-in. high visible and readable from the operating floor level. Each tag shall be securely attached to each valve by noncorrosive metal wire.

END OF SECTION

SECTION 01050
SURVEYING AND FIELD ENGINEERING
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SECTION 01050
SURVEYING AND FIELD ENGINEERING

PART 1. GENERAL

1.1 SCOPE OF WORK

- A. Work covered in this Section includes the surveying and field engineering required to complete the project and meet the provisions of this document.

1.2 QUALITY CONTROL

- A. Contractor will employ a Land Surveyor registered in the State of Georgia and acceptable to the Owner/Engineer.

1.3 SUBMITTALS

- A. Submit name, address, telephone number and registration number of surveyor prior to beginning work.
- B. Upon request, submit documentation verifying accuracy of survey work. Documentation may include, but is not limited to, original field notes, worksheets, cut sheets, etc.
- C. Submit at least two sets of prints of Record Drawings with a surveyor's certificate verifying that elevations and locations are in conformance with the contract drawings and or approved changes made there upon.

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION

3.1 SURVEY REQUIREMENTS

- A. Construction Staking – The Contractor shall provide all construction staking using recognized surveying and engineering practices. The surveyor will locate right-of-way lines and water main locations. The Owner will provide a suitable number of benchmarks and monuments for the Contractor to use as a reference.
- B. “Record Drawings” – Contractor shall maintain record drawings in accordance with the Supplementary General Provisions of these Contract Documents. The final “as constructed” drawings will show the horizontal location of all manholes, water lines, structures, earth embankments and ponds. All horizontal locations shall be referenced to the established coordinate systems or to existing streets, roads or major structures. The elevations of all gravity sewers, storm sewers, structure inverts, structure tops, shall be shown. The Engineer will provide two sets of plans for the

Contractor's use in completing this work.

- C. The requirements of this section will be considered incidental and no additional compensation will be allowed.

END OF SECTION

SECTION 01070
ABBREVIATIONS
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SECTION 1070
ABBREVIATIONS**PART 1. GENERAL**

Wherever in these Specifications and Contract Documents the abbreviations, or pronouns in place of them are used, the intent and meaning shall be interpreted as specified herein.

1.1 ABBREVIATIONS

AA	Aluminum Association Incorporated
AAMA	American Architectural Manufacturers Association
AASHTO	American Association of State Highway and Transportation Officials
ACI	American Concrete Institute
ACPA	American Concrete Pipe Association
AEIC	Association of Edison Illuminating Companies
AFBMA	Anti-Friction Bearing Manufacturer's association
AGA	American Gas Association
AGMA	American Gear Manufacturer's association
AISC	American Institute of Steel Construction
AISI	American Iron and Steel Institute
AITC	American Institute of Timber Construction
AMCA	Air Movement and Control Association, Inc.
ANSI	American National Standards Institute, Inc.
APA	American Plywood Association
APHA	American Public Health Association
API	American Petroleum Institute
ARI	Air-Conditioning and Refrigeration Institute
ASA	American Standards Association
ASCE	American Society of Civil Engineers
ASCII	American Standard Code for Information Interchange United States of America Standards Institute
ASE CODE	American Standard Safety Code for Elevators, Dumbwaiters and Escalators American National Standards Institute
ASHRAE	American Society of Heating, Refrigeration and Air Conditioning Engineers
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
AWPA	American Wood Preservers Association
AWS	American Welding Society
AWWA	American Water Works Association
BOCA	Building Officials and Code Administrators
CBM	Certified Ballast Manufacturers
CFR	Code of Federal Regulations
CMAA	Crane Manufacturers Association of America, Inc. (Formerly called:

SECTION 01070-3
ABBREVIATIONS

	Overhead Electrical Crane Institute [OECI])
CRSI	Concrete Reinforcing Steel Institute
DEMA	Diesel Engine Manufacturer's Association
DHEC	Department of Health and Environmental Control
DHI	Door Hardware Institute
EEI	Edison Electric Institute
EIA	Electronic Industries Association
EJMA	Expansion Joint Manufacturer's Association
EPA	Environmental Protection Agency
EPD	Environmental Protection Division
FEDSPEC	Federal Specifications General Services Administration Specification and Consumer Information Distribution Branch
FEDSTDS	Federal Standards (see FEDSPECS)
FM	Factory Mutual Research
GDOT	State of Georgia Department of Transportation Standard Specifications Construction of Roads and Bridges
GDNR	State of Georgia Department of Natural Resources
HEI	Heat Exchange Institute
HI	Hydraulic Institute
IAPMO	International Association of Plumbing and Mechanical Officials
ICBO	International Conference of Building Officials
ICEA	Insulated Cable Engineers Association
IEEE	Institute of Electrical and Electronics Engineers, Inc.
IES	Illuminating Engineering Society
ISA	Instrument Society of America
JIC	Joint Industrial Council
MILSPEC	Military Specifications
MSS	Manufacturers Standardization Society of the Valve and Fittings Industry, Inc.
NAAMM	National Association of Architectural Metal Manufacturers
NACE	National Association of Corrosion Engineers
NEC	National Electric Code National Fire Protection Association
NBS	National Bureau of Standards
NEMA	National Electrical Manufacturer's Association
NESC	National Electric Safety Code American National Standards Institute
NFPA	National Forest Products Association (formerly National Lumber Manufacturer's Association)
NFPA	National Fire Protection Association
NSF	National Sanitation Foundation
OSHA	Occupational Safety and Health Act U.S. Department of Labor Occupational and Health Administration
PCI	Prestressed Concrete Institute
SAE	Society of Automotive Engineers
SAMA	Scientific Apparatus Makers Association
SBC	Standard Building Code Published by SBCCI

SECTION 01070-4
ABBREVIATIONS

SBCCI	Southern Building Code Congress International
SCDOT	South Carolina Department of Transportation
SDI	Steel Door Institute
SFPA	Southern Forest Products Association
SFPC	Standard Fire Prevention Code Published by SBCCI
SGC	Standard Gas Code Published by SBCCI
SMACNA	Sheet Metal and Air Conditioning Contractors National Association, Inc.
SMC	Standard Mechanical Code Published by SBCCI
SPC	Standard plumbing Code Published by SBCCI
SSPC	Steel Structures Painting Council
SSPWC	Standard Specifications for Public Works Construction Building News, Inc.
TEMA	Tubular Exchanger Manufacturer's Association
UBC	Uniform Building Code Published by ICBO
UL	Underwriters Laboratories, Inc.
UMC	Uniform Mechanical Code Published by ICBO
UPC	Uniform Plumbing Code Published by IAPMO
USBR	Bureau of Reclamation U.S. Department of Interior Engineering and Research Center
WEF	Water Environment Federation (formerly Water Pollution Control Federation)

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION (Not Used)

END OF SECTION

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SECTION 01200
PROJECT MEETINGS

PART 1. GENERAL

1.1 LOCATION & PURPOSE

- A. Project meetings will be held on site as often as deemed necessary by the Owner, Engineer or his representative throughout the construction period. Meetings will normally be held monthly.
- B. The purpose of the meetings will be to discuss schedule, progress, coordination, submittals, and job-related problems.
- C. Minutes from the meeting will be issued by the Engineer. Contractor will be required to certify the minutes.

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION (Not Used)

END OF SECTION

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**SECTION 01300
SUBMITTALS**

PART 1. GENERAL

1.1 SECTION INCLUDES

- A. Pre-Bid Submittal for Equipment and Materials
- B. Submittal Procedures
- C. Construction Progress Schedules
- D. Product Data
- E. Shop Drawings
- F. Samples
- G. Design Data
- H. Test Reports
- I. Certificates
- J. Manufacturer's Instructions
- K. Manufacturer's Field Reports
- L. Erection Drawings

1.2 RELATED SECTIONS

- A. Section 01400 – Quality Control – Manufacturers' field services and reports.
- B. Section 01701 – Contract Closeout Procedures – Contract warranties, bonds, manufacturers' certificates, and closeout submittals.

1.3 PRE-BID SUBMITTAL FOR EQUIPMENT AND MATERIALS

- A. Equipment model numbers or catalog numbers are listed in the specifications to identify a standard or quality required in this project. Alternate equipment or materials may be utilized by and furnished by the Contractor when such equipment or material has been approved by the Owner. Pre-bid submittals shall be submitted to the Engineer at least fifteen (15) calendar days prior to the bid opening. A list of submittals for substitute equipment and materials will be issued by addendum. Submittals made less than fifteen (15) calendar days prior to the bid opening will not allow adequate time for evaluation and will not be listed in the addendum.
- B. Listing above of substitute equipment and materials does not constitute approval. Final approval will be made after bids are received if a substitute equipment or materials affects the low bids and if the substitute equipment and materials is determined to be equal to the specifications based on the pre-submittal received 15 days prior to the bid date. Alternate equipment bids shall include the cost of all changes in the structure, mechanical, electrical work, and other appurtenances,

including engineering costs from redesign, for the accommodation of such equipment, as determined by the Engineer, at the expense of the Contractor.

- C. THE PRE-BID SUBMITTALS SHALL LIST ANY AND ALL DEVIATIONS FROM ITEMS SPECIFIED, AND THE ADVANTAGES TO BE DERIVED IF THE DEVIATION IS APPROVED. IF NO DEVIATIONS ARE NOTED, IT WILL BE ASSUMED THAT NO SUCH DEVIATIONS EXIST, AND THE FINAL SUBMITTALS WILL ALLOW NO DEVIATIONS.

1.4 SUBMITTAL PROCEDURES

- A. Deliver submittals to Engineer in acceptable form.
- B. Sequentially number the transmittal form. Revise submittals with original number and a sequential alphabetic suffix. Resubmit as specified for initial submittal. Indicate on revised drawings all changes which have been made other than those requested by the Engineer.
- C. Identify Project, Contractor, Subcontractor or supplier; pertinent drawing and detail number, and specification section number, as appropriate.
- D. Apply Contractor's stamp, signed or initialed certifying that review, approval, verification of Products required, field dimensions, adjacent construction work and coordination of information is in accordance with the requirements of the work and Contract Documents. Submittal without the Contractor's stamp will be returned to Contractor without Engineer's review.
- E. Make all submittals far enough in advance of scheduled dates for installation to provide all required time for reviews, for securing necessary approvals, for possible revision and resubmittal, and for placing orders and securing delivery. In scheduling, allow sufficient time for the Engineer's review following the receipt of the submittal. Coordinate submission of related items. For each submittal for review, allow 15 days excluding delivery time to and from the Contractor.
- F. Identify variations from Contract Documents and Product or system limitations which may be detrimental to successful performance of the completed work.
- G. Provide space for Contractor and Engineer review stamps.
- H. When revised for resubmission, identify all changes made since previous submission.
- I. Distribute copies of reviewed submittals to suppliers. Instruct recipients to promptly report any inability to comply with requirements.

1.5 CONSTRUCTION PROGRESS SCHEDULES

- A. Submit initial schedule in PDF format within 15 days after date established in Notice to Proceed.
- B. After reviewed by the Engineer, revise and resubmit as required.
- C. Submit revised schedules with each Application for Payment, identifying changes since previous version.
- D. Submit a computer generated or horizontal bar chart with separate line for each major portion of work or operation section of work, identifying first workday of each week.
- E. Show complete sequence of construction by activity, identifying work of separate stages and other logically grouped activities. Indicate the early and late start, early and late finish, float dates, and duration.
- F. Indicate estimated percentage of completion for each item of work at each submission.
- G. Indicate submittal dates required for shop drawings, product data, samples, and product delivery dates, including those furnished by Owner and required by Allowances.

1.6 PRODUCT DATA

- A. Product Data for Review:
 - 1. Submitted to Engineer for review for the limited purpose of checking for conformance with information given and the design concept expressed in the contract documents.
 - 2. After review, provide copies and distribute in accordance with Submittal Procedures article above.
- B. Submit the number of copies which the Contractor requires, plus three (3) copies which will be retained by the Engineer.
- C. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information specific to this Project.
- D. Indicate Product utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.

-
- E. After review, distribute in accordance with the Submittal Procedures article above.

1.7 SHOP DRAWINGS

- A. Contractor shall submit shop drawings in PDF format to the Engineer for review. Contractor shall submit items that need to be submitted in hard copy (such as color samples) the number of copies which the Contractor requires plus three (3) copies. Three (3) copies will be retained by the Engineer and all remaining copies will be returned to the Contractor.
- B. Submitted to Engineer for review for the limited purpose of checking for conformance with information given and the design concept expressed in the contract documents. Review of shop drawings by Engineer shall not relieve Contractor of his responsibility for the accuracy of the shop drawings for the furnishing of all materials and equipment required by the contract even though such items may not be indicated on the shop drawings reviewed by Engineer.
- C. Shop drawings shall include applicable technical information, drawings, diagrams, performance curves, schedules, templates, calculations, instructions, measurements and similar information as applicable to the specific item for which the shop drawing is prepared.
- D. Do not use Engineer's Drawings for shop or erection purposes.
- E. Each shop drawing copy shall bear a Contractor's stamp showing they have been checked. Shop drawings submitted to the Engineer without the Contractor's stamp may be returned to the Contractor without review.
- F. No review will be given to partial submittals of shop drawings for items which interconnect and/or are interdependent. It is the Contractor's responsibility to assemble the shop drawings for all such interconnecting and/or interdependent items, check them and then make one submittal to the Engineer.
- G. Schedule of Submittals – Within 30 days of Contract award and prior to any shop drawing submittal, the Contractor shall submit a schedule showing the estimated submittal date and the desired approval date for each shop drawing anticipated. Time lost due to unacceptable submittals shall be the Contractor's responsibility.

1.8 SAMPLES

- A. Samples for Review -
1. Submitted to Engineer for review for the limited purpose of checking for conformance with information given and the design concept expressed in the contract documents.
 2. After review, produce duplicates and distribute in accordance with

SUBMITTAL PROCEDURES article above.

- B. Samples for Information –
 - 1. Submitted for the Engineer's knowledge as contract administrator or for the Owner.
- C. Include identification on each sample, with full Product information.
- D. Submit the number of samples specified in individual specification sections; one of which will be retained by Engineer.
- E. Review samples which may be used in the Work are indicated in individual specification sections.
- F. Samples will not be used for testing purposes unless specifically stated in the specification section.

1.9 DESIGN DATA

- A. Submit for the Engineer's knowledge as contract administrator or for the Owner.
- B. Submit for information for the limited purpose of assessing conformance with information given and the design concept expressed in the contract documents.

1.10 TEST REPORTS

- A. Submit for the Engineer's knowledge as contract administrator or for the owner.
- B. Submit test reports for information for the limited purpose of assessing conformance with information given and the design concept expressed in the contract documents.

1.11 CERTIFICATES

- A. When specified in individual specification sections, submit certification by the manufacturer, installation/application subcontractor, or the Contractor to Engineer, in quantities specified for product Data.
- B. Indicate material or product conforms to or exceeds specified requirements. Submit supporting reference data, affidavits, and certifications as appropriate.
- C. Certificates may be recent or previous test results on material or Product, but must be acceptable to Engineer.

1.12 MANUFACTURER'S INSTRUCTION

- A. When specified in individual specification sections, submit printed instructions for

delivery, storage, assembly, installation, start-up, adjusting, and finishing, to Engineer for delivery to Owner in quantities specified for Product Data.

- B. Indicate special procedures, perimeter conditions requiring special attention, and special environmental criteria required for application or installation.
- C. Refer to Section 01400 – Quality Control, Manufacturers’ Field Services article.

1.13 MANUFACTURER’S FIELD REPORTS

- A. Submit reports for the Engineer’s benefit as contract administrator or for the Owner.
- B. Submit report in duplicate within 30 days of observation to Engineer for information.
- C. Submit for information for the limited purpose of assessing conformance with information given and the design concept expressed in the contract documents.

1.14 ERECTION DRAWINGS

- A. Submit drawings for the Engineer’s benefit as contract administrator or for the Owner.
- B. Submit for information for the limited purpose of assessing conformance with information given and the design concept expressed in the contract documents.
- C. Data indicating inappropriate or unacceptable work may be subject to action by the Engineer or Owner.

1.15 REVIEWED SHOP DRAWINGS

- A. Engineer Review –
 - 1. Acceptable submittals will be marked “Approved.” A minimum of three (3) copies will be retained by the Engineer for Engineer’s and the Owner’s use and the remaining copies will be returned to the Contractor.
 - 2. Submittals requiring minor corrections before the product is acceptable will be marked “Furnish as Corrected.” The Contractor may order, fabricate and ship the items included in the submittals provided the indicated corrections are made.
 - 3. Submittals marked “Revise and Submit” must be revised to reflect required changes and the initial review procedure repeated.
 - 4. The “Rejected” notation is used to indicate products which are not acceptable. Upon return of a submittal so marked, the Contractor shall repeat the initial review procedure utilizing acceptable products.
 - 5. Only two copies of items marked “Revise and Submit” and “Rejected” will

be reviewed and marked. One copy will be retained by the Engineer and the other copy with all remaining unmarked copies will be returned to the Contractor for resubmittal.

- B. No work or products shall be installed without a drawing or submittal bearing the “Approved” or “Furnish as Corrected” notation. The Contractor shall maintain at the job site a complete set of shop drawings bearing the Engineer’s stamp.
- C. Substitutions – In the event the Contractor obtains the Engineer’s approval for the use of products other than those which are listed first in the Contract Documents, the Contractor shall, at the Contractor’s own expense and using methods approved by the Engineer, make any changes to structures, piping and electrical work that may be necessary to accommodate these products.
- D. Use of the “Approved” or “Furnish as Corrected” notation on shop drawings or other submittals is general and shall not relieve the Contractor of the responsibility of furnishing products of the proper dimension, size, quality, quantity, materials and all performance characteristics, to efficiently perform the requirements and intent of the Contract Documents. The Engineer’s review shall not relieve the Contractor of the responsibility of errors of any kind on the shop drawings. Review is intended only to assure conformance with the design concept of the Project and compliance with the information given in the Contract Documents.

1.16 SUBMITTAL CHECKLIST (Not Used)

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION (Not Used)

END OF SECTION

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SECTION 01310
CONSTRUCTION SCHEDULE

PART 1. GENERAL

1.1 REQUIREMENTS INCLUDED

- A. The Contractor shall prepare and submit to the Engineer for review, a practicable and feasible schedule, showing the order in which the Contractor proposes to carry on the Work, and the dates upon which he proposes to start and complete each of the salient features, including the dates for submittals and approval of samples and shop drawings, and the procurement of materials, plant and equipment. The Construction schedule shall consist of a critical path network showing contemplated completion percentages and arranged to record actual completion percentages at stated intervals.
- B. The Construction schedule shall be kept up-to-date and the current updated schedule shall be submitted to the Engineer monthly with the request for payment. If the Contractor fails to submit the required updated schedule within the time prescribed, the Engineer shall not approve of progress payment estimates until such time as the Contractor submits the required updated schedule.
- C. The Construction schedule shall in general determine the order in which the Work is to proceed. The Engineer, however, may order and authorize minor changes of this schedule whenever such changes are of definite advantage to the Owner or necessary for the operations of the Owner.
- D. The Contractor shall designate an authorized representative of his firm who shall be responsible for development and maintenance of the schedule and of progress and payment reports. This representative of the Contractor shall have direct project control and complete authority to act on behalf of the Contractor in fulfilling the commitments of the Contractor's schedule.

1.2 RELATED REQUIREMENTS

- A. Conditions of the Contract.
- B. Section 01014: Construction Sequence.
- C. Section 01200: Project Meetings.
- D. Section 01340: Shop Drawings, Product Data, Working Drawings, and Samples.

1.3 CRITICAL PATH METHOD CONSTRUCTION SCHEDULE

- A. The Contractor shall submit within 15 days after the effective date of the agreement

a preliminary schedule indicating planned operations during the first 60 days. Cost of activities expected to be completed or partially completed before submission and approval of the whole schedule shall be included.

- B. Within 45 days after the effective date of the Agreement, a complete network analysis system shall be submitted and shall consist of a detailed network, mathematical analysis and network diagram. Three copies shall be provided.
1. The network diagram shall show the order and interdependence of activities and the sequence in which the Work is to be accomplished as planned by the Contractor. The basic concept of a network analysis diagram will be followed to show how the start of a given activity is dependent on the completion of preceding activities and its completion restricts the start of following activities.
 2. Detailed network activities shown on the network diagram shall include, in addition to construction activities, the submittal for approval of samples and shop drawings, the procurement of critical materials and equipment, fabrication of special materials and equipment and their installation and testing.
 3. Related activities shall be grouped on the network. The activities on the critical paths shall be highlighted. The network shall be time scaled using units of approximately one-half inch equals one week or other suitable scale approved by the Engineer. Weekends and holidays shall be indicated. Where slack exists, the activities shall be shown at the earliest time they are scheduled to be accomplished. Sheet size shall be 30" x 60" minimum.
 4. The mathematical analysis of the network diagram shall include a tabulation of each activity shown on the detailed network diagram. The following information shall be furnished as a minimum for each activity.
 - a. Preceding and following event numbers.
 - b. Activity description.
 - c. Estimated duration of activities in units of working days (being the best estimate available at time of computation).
 - d. Earliest start date (by calendar date).
 - e. Earliest finish date (by calendar date).
 - f. Schedule or actual start date (by calendar date).
 - g. Scheduled or actual finish date (by calendar date).
 - h. Latest start date (by calendar date).
 - i. Latest finish date (by calendar date).
 - j. Slack or Float.
 - k. Monetary value of activity.
 - l. Responsibility for activity (Prime Contractor, subcontractors, suppliers).

- m. Manpower required by trade and by total. Graphic representatives will be allowed.
 - 5. The mathematical analysis shall list the activities in sorts or groups as follows:
 - a. By the preceding event number from lowest to highest and then in the order of the following event number.
 - b. By the amount of slack, then in order of activity number.
 - c. By responsibility in order of earliest start date.
 - 6. Initial submittal and complete revisions shall be submitted in three copies.
- C. Review of the system shall be as follows:
- 1. The Contractor shall participate in a review and evaluation of the proposed network diagrams and analysis by the Engineer within 14 days after receipt. Any revisions necessary as a result of this review shall be resubmitted to the Engineer within 10 days after the conference. Twenty days will be allowed for checking and further action by the Engineer. Progress payments will be withheld pending attainment of a mutually acceptable schedule. The mutually acceptable schedule shall then be the schedule to be used by the Contractor for planning, organizing, directing and executing the Work and for reporting progress. If the Contractor thereafter desires to make changes in his method of operating and scheduling he shall notify the Engineer in writing stating the reasons for the change. If the Engineer considers these changes to be of a major nature he may require the Contractor to revise and submit, without additional cost to the Owner, all of the affected portion of the network diagram and mathematical analysis to show the effect on the entire project. A change may be considered of a major nature if the time estimated to be required or actually used for an activity or the logic of sequence of activities is varied from the original plan to a degree that there is reasonable doubt as to the effect on the Contract completion date or dates. Changes which affect activities with adequate slack time shall be considered as minor changes, except that an accumulation of minor changes may be considered as a major change when their cumulative effect might affect the Contract completion date.
- D. The Contractor shall submit at intervals of 30 days a report of the actual construction progress by updating the mathematical analysis. All contract changes, including pending and approved change orders and field orders shall be included in the updated schedule. Revisions causing changes in the detailed network shall be noted on the network or a revised issue of the affected portions of the detailed network furnished. The network shall be revised as necessary for the sake of clarity.
- E. The report shall show the activities of portions of activities completed during the

reporting period and their total value as basis for the Contractor's periodic request for payment. Coordinate with Schedule of Values specified in Section 01370. The report shall state the percentage of the Work actually completed and schedule as of the report date and the progress along the critical path in terms of days ahead or behind the allowable dates. If the project is behind schedule, progress along other paths with negative slack shall be reported. Percentage of work actually completed will be reviewed by the Engineer in accordance with procedures set forth in the General Conditions. If the Contractor fails to submit the required monthly reports and updates within the time prescribed, the Engineer may withhold approval of progress payment estimates until such time as the Contractor submits the required reports and updates. Five (5) copies of the report shall be submitted for each update.

- F. The Contractor shall simultaneously submit five (5) copies of a narrative report with the updated analysis which shall include but not be limited to a description of the problem areas, current and anticipated delaying factors, their impact, and an explanation of corrective actions taken or proposed.
- G. Extensions of time for performance required under the Contract Documents will be granted only to the extent that equitable time and adjustments for the activity or activities affected exceed the total float or slack along the channels involved.

1.4 DISTRIBUTION

- A. Distribute copies of the reviewed schedules to:
 - 1. Engineer (two copies).
 - 2. Job site file.
 - 3. Subcontractors.
 - 4. Other concerned parties.
 - 5. Owner (two copies).
- B. Instruct recipients to report promptly to the Contractor, in writing, any problems anticipated by the projections shown in the schedules.

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION

3.1 RESPONSIBILITY FOR SCHEDULE COMPLIANCE

- A. The Contractor agrees that whenever it becomes apparent from the current monthly CPM schedule and CPM Status Report that delays to the critical path have resulted, and hence, that the contract completion date will not be met or when so directed by the Engineer, he will take some or all of the following actions at no additional cost to

the Owner, submitting to the Engineer for approval, a written statement of the steps he intends to take to remove or arrest the delay to the critical path in the approved schedule.

1. Increased construction manpower in such quantities and crafts as will substantially eliminate, in the judgment of the Engineer, the backlog of work.
2. Increase the number of working hours per shift, shifts per working days per week, the amount of construction equipment, or any combination of the foregoing, sufficiently to substantially eliminate, in the judgment of the Engineer, the backlog of work.
3. Reschedule activities to achieve maximum practical concurrency of accomplishment of activities, and comply with the revised schedule.
4. Costs incurred by the Owner arising from such lengthening of hours, including furnishing of inspectors, shall be the Contractor's responsibility and shall be deducted from monies due him. Failure of the Contractor to comply with the requirements of the Engineer may be grounds for determination by the Owner that the Contractor is not proceeding at such rates as will insure completion within the specified time and may result in the termination of the right of the Contractor to continue the work.

3.2 ADJUSTMENT OF CONTRACT SCHEDULE AND COMPLETION TIME

- A. If the Contractor desires to make changes in his method of operating which affect the approved CPM schedule, he shall notify the Engineer in writing stating what CPM changes are proposed and the reason for the change. If the Engineer approves these changes, the Contractor shall revise and submit for approval, without additional cost to the Owner, all of the affected portion of the CPM network. The CPM schedule shall be adjusted by the Contractor only after prior approval of his proposed changes by the Engineer.
- B. Adjustments may consist of changing portions of the activity sequence and/or activity durations, division of approved activities, or other adjustments as may be approved by the Engineer. The addition of extraneous, non-working activities and/or activities which add unapproved restraints to the CPM schedule shall not be approved.
- C. If the completion of any activity, whether or not critical, falls more than 100 percent behind its approved duration, the Contractor shall submit for approval a schedule adjustment showing each such activity divided into two activities reflecting completed versus uncompleted work.

- D. Shop drawings which are not approved on the first submittal or within the schedule time shall be immediately rescheduled, as well as pipelines and tanks which do not pass leak tests.
- E. The contract completion time will be adjusted only for causes specified in this contract. In the event the Contractor requests an extension of any contract completion date, he shall furnish such justification and supporting evidence as the Engineer may deem necessary for a determination as to whether the Contractor is entitled to an extension of time under the provisions of this contract. Engineer will, after receipt of such justification and supporting evidence make findings of fact and will advise the Contractor in writing thereof. If the Engineer finds that the Contractor is entitled to any extension of any contract completion date under the provisions of this contract, the Engineer's determination as to the total number of days extension shall be based upon the currently approved CPM schedule and on all data relevant to the extension. Such data shall be included in the next monthly updating of the schedule. The Contractor acknowledges and agrees that actual delays in activities which, according to the CPM schedule, do not affect any contract completion date shown by the critical path in the network do not have any effect on the contract completion date or dates, and therefore, will not be the basis for a change therein.
- F. From time to time it may be necessary for the contract schedule and/or completion time to be adjusted by the Engineer to reflect the effects of job conditions, weather, technical difficulties, strikes, unavoidable delays on the part of the Owner or his representatives, and other unforeseeable conditions which may indicate schedule adjustments and/or completion time extension. Under such conditions, the Contractor shall reschedule the work and/or contract completion time to reflect the changed conditions, and the Contractor shall revise his schedule accordingly. No additional compensation shall be made to the Contractor for such schedule changes except for unavoidable overall contract time extensions beyond the actual completion of all unaffected work in the contract, in which case the Contractor shall take all possible action to minimize any time extension and any additional cost to the Owner. It is specifically pointed out that the use of available float time in the CPM schedule may be used by the Owner as defined by the Engineer, as well as by the Contractor. Float time is defined as the amount of time between the early start date, and the late start date, or the early finish date and the late finish date, of any of the activities in the schedule.
- G. The Owner controls the float time in the approved CPM network and, therefore, without obligation to extend either the overall completion date or any intermediate completion dates set out in the CPM network, the Owner may initiate changes to the contract work that absorb float time only. Owner-initiated changes that affect the critical path on the approved CPM network shall be the sole grounds for extending (or contracting) said completion dates. Contractor-initiated changes that encroach on the float time identified in the approved CPM network may be accomplished with

the owner's concurrence. Such changes, however, shall give way to Owner-initiated changes competing for the same float time.

3.3 COORDINATING SCHEDULES WITH OTHER CONTRACT SCHEDULES

- A. Where work is to be performed under this contract concurrently with and/or contingent upon work performed on the same facilities or area under other contracts, the Contractor's CPM schedule shall be coordinated with the schedules of the other contracts. The Contractor shall obtain the schedules of the other appropriate contracts from the Engineer for the preparation and updating of his CPM schedule and shall make the required changes in his schedule when indicated by changes in corresponding schedules."

END OF SECTION

SECTION 01400
QUALITY CONTROL
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SECTION 01400
QUALITY CONTROL

PART 1. GENERAL

1.1 SECTION INCLUDES

- A. Quality assurance – control of installation
- B. Tolerances
- C. References and standards
- D. Testing laboratory services
- E. Manufacturer's field services

1.2 RELATED SECTIONS

- A. Section 01300 – Submittals – Submission of manufacturers' instructions and certificates.
- B. Section 01410 – Testing Services.

1.3 QUALITY ASSURANCE – CONTROL OF INSTALLATION

- A. Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce work of specified quality.
- B. Comply with manufacturers' instructions, including each step in sequence.
- C. Should manufacturers' instruction conflict with Contract Documents, request clarification from Engineer before proceeding.
- D. Comply with specified standards as minimum quality for the work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.
- E. Perform work by persons qualified to produce required and specified quality.
- F. Verify that field measurements are as indicated on shop drawings or as instructed by the manufacturer.
- G. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, or disfigurement.

1.4 TOLERANCES

- A. Monitor fabrication and installation tolerance control of products to produce acceptable work. Do not permit tolerances to accumulate.
- B. Comply with manufacturer's tolerances. Should manufacturers' tolerances conflict with Contract Documents, request clarification from Architect/Engineer before proceeding.
- C. Adjust products to appropriate dimensions; position before securing products in place.

1.5 REFERENCES AND STANDARDS

- A. For products or workmanship specified by association, trade, or other consensus standards, comply with requirements of the standard, except when more rigid requirements are specified or are required by applicable codes.
- B. Conform to reference standard by date of issue current on date of Contract Documents, date for receiving bids, date of Owner-Contractor Agreement when there are no Bids, date specified in the individual specification sections, except where a specific date is established by code.
- C. Obtain copies of standards where required by product specification sections.
- D. Neither the contractual relationships, duties, or responsibilities of the parties in Contract nor those of the Architect/Engineer shall be altered from the Contract Documents by mention or inference otherwise in any reference document.

1.6 TESTING SERVICES

- A. Contractor will appoint and employ services of an independent firm to perform testing. Contractor shall pay for testing services required by the specifications.
- B. The independent firm will perform tests and other services specified in individual specification sections and as required by the Owner.
- C. Testing and source quality control may occur on or off the project site. Perform off-site testing as required by the Owner.
- D. Reports will be submitted by the independent firm to the Engineer and Contractor, in duplicate, indicating observations and results of tests and indicating compliance or non-compliance with Contract Documents.
- E. Cooperate with independent firm; furnish samples of materials, design, mix, equipment, tools, storage, safe access, and assistance by incidental labor as

requested.

1. Notify Architect/Engineer and independent firm 48 hours prior to expected time for operations requiring services.
 2. Make arrangements with independent firm and pay for additional samples and tests required for Contractor's use.
- F. Testing does not relieve Contractor to perform work to contract requirements.
- G. Re-testing required because of non-conformance to specified requirements shall be performed by the same independent firm on instructions by the Engineer. Payment for re-testing will be made by the Contractor.

1.7 MANUFACTURER'S FIELD SERVICES

- A. When specified in individual specification sections, require material or product suppliers or manufacturers to provide qualified staff personnel to observe site conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, test, adjust and balance of equipment as applicable, and to initiate instructions when necessary.
- B. Submit qualifications of observer to Engineer 30 days in advance of required observations. Observer subject to approval of Engineer.
- C. Report observations and site decisions or instructions given to applicators or installers that are supplemental or contrary to manufacturers' written instructions.
- D. Refer to Section 01300 – SUBMITTALS, MANUFACTURER'S FIELD REPORTS article.

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION

3.1 EXAMINATION

- A. Verify that existing site conditions and substrate surfaces are acceptable for subsequent work. Beginning new work means acceptance of existing conditions.
- B. Verify that existing substrate is capable of structural support or attachment of new work being applied or attached.
- C. Examine and verify specific conditions described in individual specification

sections.

- D. Verify that utility services are available, of the correct characteristics, and in the correct locations.

3.2 PREPARATION

- A. Clean substrate surfaces prior to applying next material or substance.
- B. Seal cracks or openings of substrate prior to applying next material or substance.
- C. Apply manufacturer required or recommended substrate primer, sealer, or conditioner prior to applying any new material or substance in contact or bond.

END OF SECTION

SECTION 01410
TESTING SERVICES
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SECTION 01410
TESTING SERVICES

PART 1. GENERAL

1.1 SECTION INCLUDES

- A. Selection and Payment
- B. Contractor Submittals
- C. Testing Agency Responsibilities
- D. Testing Agency Reports
- E. Limits on Testing Authority
- F. Contractor Responsibilities
- G. Schedule of Tests

1.2 RELATED SECTIONS

- A. Testing and approvals required by public authorities.
- B. Section 01300 – Submittals – Manufacturer’s Certificates.
- C. Section 01701 – Contract Closeout – Project Record Documents.

1.3 REFERENCES

- A. ASTM C 802-87 – Practice for Conducting an Interlaboratory Test Program to Determine the Precision of Test Methods for Construction.
- B. ASTM C 1077-92 – Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation.
- C. ASTM C 1093-88 – Practice for Accreditation of Testing Agencies for Unit Masonry.
- D. ASTM D 290-85 – Recommended Practice for Bituminous Mixing Plant Inspection.
- E. ASTM D 3740-92 – Practice for Evaluation of Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction.
- F. ASTM D 4561-86 – Practice for Quality Control Systems for an Inspection and Testing Agency for Bituminous Paving Materials.

- G. ASTM E 329-93 – Practice for Use in the Evaluation of Inspection and Testing Agencies as Used in Construction.
- H. ASTM E 543-93 – Practice for Determining the Qualification of Nondestructive Testing Agencies.
- I. ASTM E 548-93 – Practice for Preparation of Criteria for Use in the Evaluation of Testing Laboratories and Inspection Bodies.
- J. ASTM E 699-79 (Reapproved 1991) – Practice for Criteria for Evaluation of Agencies Involved in Testing, Quality Assurance, and Evaluating Building Components in Accordance with Test Methods Promulgated by ASTM Committee E6.

1.4 SELECTION AND PAYMENT

- A. The Contractor will employ and pay for services of an independent testing agency or laboratory to perform specified testing.
- B. Employment of testing agency or laboratory in no way relieves Contractor of obligation to perform work in accordance with requirements of Contract Documents.

1.5 QUALITY ASSURANCE

- A. Comply with requirements of practices listed in paragraph 1.3.
- B. Laboratory – Authorized to operate in State in which Project is located.
- C. Laboratory Staff – Maintain a full-time specialist on staff to review services.
- D. Testing Equipment – Calibrated at reasonable intervals with devices of an accuracy traceable to either National Bureau of Standards or accepted values of natural physical constants.

1.6 CONTRACTOR SUBMITTALS

- A. Prior to start of Work, submit testing laboratory name, address, and telephone number, and names of full-time specialist and responsible officer.
- B. Submit copy of report of laboratory facilities inspection made by Materials Reference Laboratory of National Bureau of Standards during most recent inspection, with memorandum of remedies of any deficiencies reported by the inspection.

1.7 TESTING AGENCY RESPONSIBILITIES

- A. Test samples of mixes submitted by Contractor.
- B. Provide qualified personnel at site. Cooperate with Engineer and Contractor in performance of services.
- C. Perform specified sampling and testing of Products in accordance with specified standards.
- D. Ascertain compliance of materials and mixes with requirements of Contract Documents.
- E. Promptly notify Engineer and Contractor of observed irregularities or non-conformance of Work or Products.
- F. Perform additional tests required by Engineer.
- G. Attend Preconstruction meetings and progress meetings.

1.8 TESTING AGENCY REPORTS

- A. After each test, promptly submit two copies of report to Engineer and to Contractor.
- B. Include –
 - 1. Date issued
 - 2. Project title and number
 - 3. Name of inspector
 - 4. Date and time of sampling or inspection
 - 5. Identification of product and specifications section
 - 6. Location in the Project
 - 7. Type of inspection or test
 - 8. Date of test
 - 9. Results of tests
 - 10. Conformance with Contract Documents
- C. When requested by Engineer, provide interpretation of test results.

1.9 LIMITS ON TESTING AUTHORITY

- A. Agency or laboratory may not release, revoke, alter, or enlarge on requirements of Contract Documents.
- B. Agency or laboratory may not approve or accept any portion of the Work.
- C. Agency or laboratory may not assume any duties of Contractor.

- D. Agency or laboratory has no authority to stop the Work.

1.10 CONTRACTOR RESPONSIBILITIES

- A. Deliver to agency or laboratory at designated location, adequate samples of materials proposed to be used which require testing, along with proposed mix designs.
- B. Cooperate with laboratory personnel and provide access to the Work and to manufacturer's facilities.
- C. Provide incidental labor and facilities –
1. To provide access to work to be tested
 2. To obtain and handle samples at the site or at source of Products to be tested
 3. To facilitate tests
 4. To provide storage and curing of test samples
- D. Notify Engineer and laboratory 48 hours prior to expected time for operations requiring testing services.

1.11 SCHEDULE OF TESTS

The list below is given for convenience. See each section for complete requirements.

Section	Test	Frequency	Date	Performed By	Notes
02200 – Earthwork					
	Compact				
	Unpaved	1 test per horizontal layer per 10,000 SF of fill area			
	Paved	1 test per horizontal layer per 5,000 SF of subgrade			
	Proof Rolling	As necessary			
02530 – Wastewater Collection System					
	Deflection	All lines must show 80% of full circle of reflected or lantern light between manholes.			
	Television Inspection of Sewers	If air test cannot be completed, i.e. sewer main is active prior to testing.			
	Gravity Sewer Pipes	Low Pressure Air Test			
	Force Main (PVC & DIP)	1.5 times the working pressure (not less than 150 psi) conducted for two (2) hours			

SECTION 01410-6
TESTING SERVICES

Section	Test	Frequency	Date	Performed By	Notes
	Manholes	Vacuum test			
	Compaction				
	Traffic Areas	1 per 100 LF or less (each crossing) for each 4 ft. of depth			
	Non-Traffic Areas	1 per 1,000 LF or less for each 6ft. of depth			

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION (Not Used)

END OF SECTION

SECTION 01510
TEMPORARY UTILITIES
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SECTION 01510
TEMPORARY UTILITIES

PART 1. GENERAL

1.1 REQUIREMENTS INCLUDED

- A. Furnish, install and maintain temporary utilities required for construction and remove upon completion of work.

1.2 REQUIREMENTS OF REGULATORY AGENCIES

- A. Comply with National Electric Code.
- B. Comply with Federal, State and local codes and regulations and with utility company requirements.
- C. Comply with County Health Department Regulations.

PART 2. PRODUCTS

2.1 GENERAL

- A. Materials may be new or used but must be adequate in capacity for the required usage, must not create unsafe conditions, and must not violate requirements of applicable codes and standards.

2.2 TEMPORARY ELECTRICITY

- A. Arrange with utility company, provide service required for power and lighting, and pay all costs for service and for power used in the construction, testing and trial operation.
- B. The Contractor shall be responsible for the costs of all items necessary for the installation, distribution and maintenance of temporary power. The costs of these items shall be factored into the project unit prices. Obtain and pay for permits and inspections as may be required.

2.3 TEMPORARY WATER

- A. Water used for flushing and hydrostatic testing of water systems shall be potable water unless otherwise approved by the Engineer. Water used for hydrostatically testing tanks for water tightness and leakage shall be potable water unless non-potable water is approved by the Engineer.
- B. Contractor shall arrange with Owner locations for obtaining water, and furnish and

install all equipment, pipe, meters, valves and accessories as required and/or specified for use of that water. All potable and non-potable water used during construction must be metered, paid for and not wasted by the Contractor. If used meters are temporarily furnished and installed by the Contractor during construction, proof of recent calibration must be provided to the Engineer.

- C. Install at each and every connection to the Owner's potable water supply a backflow preventer meeting the requirements of AWWA C510, latest revision. Protect piping and fittings against freezing as applicable to the work site.
- D. The Contractor shall pay all costs necessary to provide water for temporary potable use for construction trailers, etc. at the site including but not limited to, any temporary or permanent piping, hoses and/or yard hydrants needed in order for the Contractor to execute his work. Contractor shall also pay for all costs necessary to provide potable water used for flushing and hydrostatic testing.
- E. Restore existing and permanent facilities used for temporary purposes to original condition.
- F. Restore existing and permanent facilities used for temporary purposes to original condition.

2.4 TEMPORARY SANITARY FACILITIES

- A. Contractor shall provide temporary sanitary facilities at such places as approved by the Owner and in compliance with applicable laws and regulations.
- B. Contractor shall pay all costs for installation, maintenance, and removal of temporary sanitary facilities.
- C. Provide facilities at time of site mobilization and modify and extend service as work progresses. Toilet facilities shall be enclosed, portable, self-contained units or temporary water closets and urinals, secluded from public view. Clean areas of facilities weekly and maintain in a sanitary condition. Provide toilet paper, paper towels, and soap in suitable dispensers.

PART 3. EXECUTION

3.1 GENERAL

- A. Comply with applicable codes and standards.
- B. Maintain and operate systems to assure continuous service.
- C. Modify and extend systems as work progress requires.

3.2 REMOVAL

- A. Completely remove temporary materials and equipment when their use is no longer required.
- B. Clean and repair damage caused by temporary installations or use of temporary facilities.
- C. Restore permanent facilities used for temporary services to specified condition.

END OF SECTION

SECTION 01560
ENVIRONMENTAL CONTROLS
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SECTION 01560
ENVIRONMENTAL CONTROLS

PART 1. GENERAL

1.1 SCOPE OF WORK

- A. Contractor shall furnish all material and labor for the installation and maintenance of the environmental control measurements throughout the project.

1.2 SITE MAINTENANCE

- A. The Contractor shall keep the work site clean and free from rubbish and debris. Materials and equipment shall be removed from the site when they are no longer necessary. Upon completion of the work and before final acceptance, the work site shall be cleared of equipment, unused materials, and rubbish to present a clean and neat appearance.

1.3 TEMPORARY DAMS

- A. Except in time of emergency, earth dams are not acceptable at catch basin openings, local depressions, or elsewhere. Temporary dams of sandbags, asphaltic concrete, or other acceptable material will be permitted when necessary to protect the work, provided their use does not create a hazard or nuisance to the public. Such dams shall be removed from the site as soon as they are no longer necessary.
- B. Dams shall not interfere with the existing storm drainage system.

1.4 AIR POLLUTION CONTROL

- A. The Contractor shall not discharge smoke, dust, and other contaminants into the atmosphere that violate the regulations of any legally constituted authority. The Contractor shall also abate dust nuisance by cleaning, sweeping, and sprinkling with water, or other means as necessary. The use of water, in amounts which result in mud on public streets, is not acceptable as a substitute for sweeping or other methods.

1.5 NOISE CONTROL

- A. Between 7:30 PM and 7:00 AM, noise from Contractor's operations shall not exceed limits established by applicable laws or regulations and in no event shall exceed 86 dBA at a distance of 50 feet from the noise source.

1.6 EROSION CONTROL

- A. All points of concentrated runoff from rainfall shall be visually monitored to

determine that no eroded material from the construction site is being deposited in the adjacent ditches, lakes, and canals. Measures shall be taken to promptly eliminate such a deposition if occurring, including the installation of detention ponds.

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION (Not Used)

END OF SECTION

SECTION 01570
TRAFFIC CONTROL
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**SECTION 01570
TRAFFIC CONTROL**

PART 1. GENERAL

1.1 SCOPE OF WORK

- A. Contractor shall furnish all materials and labor for the installation and continuous maintenance of traffic control devices throughout the project.
- B. This item of work shall include furnishing, installing, maintaining, relocating and removing all traffic control devices used for the purpose of regulating, warning or directing traffic during the construction or maintenance of this project.
- C. Upon completion of work, warning devices are to be removed by the Contractor. If devices remain on site longer than ten (10) days after project completion, they shall be removed by the Owner and become his property.

1.2 SAFETY

- A. The governing factor in the execution and staging of work for this project is to provide the public with the safest possible travel conditions along the roadway through the construction zone. The contractor shall arrange his operation to keep the closing of any lane of a roadway to an absolute minimum.
- B. No work shall be started on any phase of the project until all appropriate traffic control devices are in place and in operation.
- C. Contractor is to take all practical precautions to maintain traffic flow and provide safety of workers and the general public.
- D. At the end of each workday, contractor is to clear the roadway of all dirt and debris and add additional safety devices to maintain safe travel lanes.
- E. When not in use, all traffic control devices shall be removed, placed or covered so as not to be visible to traffic.

1.3 REFERENCES

- A. Manual for Uniform Traffic Control Devices (MUTCD) (latest edition).
- B. GDOT Standard Specifications for Construction of Roads and Bridges, Section 150 (latest edition).
- C. GDOT Standard Construction Details (latest edition).

PART 2. PRODUCTS

2.1 PRODUCTS

- A. Traffic Control Devices include – signs and their supports, signals, pavement markings, barricades with sandbags, channelizing devices, warning lights, arrowboards, flaggers, or any other device used for the purpose of regulating, warning or guiding traffic through the construction zone.
- B. All Traffic Control Devices used on this project shall conform to the plans, DOT Construction Details and Specifications, and MUTCD. No modifications will be allowed without prior written approval of the Engineer.
- C. Traffic Control Devices shall be in proper, acceptable condition when in use. Devices which are unclear, damaged, or not correctly positioned shall be promptly restored to fully operational condition.

PART 3. EXECUTION

3.1 EXECUTION

- A. Contractor is to either prepare and provide a traffic control plan for the Engineer's review prior to the Preconstruction Meeting or utilize the prepared traffic control plan when provided with the drawings.
- B. The Contractor shall be responsible for the proper location, installation, and arrangement of all traffic control devices. Special attention shall be given to advance warning signs during construction operations in order to keep lane assignment consistent with barricade placement at all times. The Contractor shall cover all Traffic Control Devices which are inconsistent with detour or lane assignment patterns during the transition from one construction stage to another.
- C. Construction signs referring to daytime lane closures during working hours shall be removed or covered during non-working hours.
- D. All existing highway signs removed from construction shall be replaced as soon as the conditions which necessitate such removal have been cleared.
- E. No highways, streets, or roadways shall be closed without first obtaining permission from the proper authorities. If lanes of traffic are closed, the Contractor shall provide necessary certified flagman. Certification shall be obtained from the Georgia Department of Transportation.
- F. When applicable the Contractor shall coordinate all traffic control work on this project with adjoining or overlapping projects, including barricade placement

necessary to provide a uniform traffic detour pattern. When directed by the Engineer, the contractor shall remove all Traffic Control Devices which were furnished, installed and maintained by him under this contract, and such devices shall remain the property of the Contractor.

- G. The Contractor shall ensure all Traffic Control Devices installed by him are operational 24 hours a day, including weekends and holidays. Provide additional inspections at regular intervals.
- H. When traveling in lanes open to public traffic, the Contractor's vehicles shall always move with and not against or across the flow of traffic. These vehicles shall enter or leave work areas in a manner which will not be hazardous to, or interfere with, traffic and shall not park or stop except within designated work areas. Personal vehicles shall not park within the right of way except in specific areas designated by the Engineer.
- I. Private driveways and parking areas shall be accessible at all times unless temporary closings are necessary for construction work and the contractor has notified the affected individuals and has approval from them.
- J. Contractor is fully responsible of notifying all authorities of closures a minimum of 24 hours before the closure (Police, Fire, Ambulance, Board of Education, Post Office, etc.).
- K. If trenches are to remain open overnight, or for an extended period of time, Contractor is to provide heavy-duty cover plates to allow vehicles access.
- L. Steel plates shall not be used on streets with a posted speed greater than 45 mph. For all other streets the following controls shall apply to the use of steel plates:
 - 1. Shall completely cover the pavement cut or excavation.
 - 2. Shall be adequately secured by asphaltic patching material (cold mix) or Hilti type anchors and shall provide a safe and reasonable transition (minimum 12" taper) to the adjoining roadway surface.
 - 3. Shall be limited to 4 consecutive days unless written approval is granted by the Owner or Engineer.
 - 4. Temporary traffic control warning signs shall be posted in advance warning motorist about plates in roadway in accordance with the MUTCD.

If for any reason the plate is deemed a safety hazard, it shall be removed immediately, or the hazard rectified to the satisfaction of the Owner or Engineer. If the Contractor fails to adhere to the above controls, the Owner retains the right to remove the plate and perform the necessary work to adequately restore the roadway at the expense of the Contractor.

- M. Delays to the Contractor caused by complying with these requirements will be

considered incidental to the item for traffic control and protection, and no additional compensation will be allowed.

END OF SECTION

SECTION 01605
SHIPMENT, PROTECTION, AND STORAGE
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SECTION 01605
SHIPMENT, PROTECTION, AND STORAGE

PART 1. GENERAL

- A. Equipment, products and materials shall be shipped, handled, stored, and installed in ways which will prevent damage to the items. Damaged items will not be permitted as part of the work except in cases of minor damage that have been satisfactorily repaired and are acceptable to the Engineer.

PART 2. PRODUCTS

2.1 PIPE

- A. Pipe and appurtenances shall be handled, stored, and installed as recommended by the manufacturer. Pipes with paint, tape coatings, linings or the like shall be stored to protect the coating or lining from physical damage or other deterioration. Pipes shipped with interior bracing shall have the bracing removed only when recommended by the pipe manufacturer.

PART 3. EXECUTION

3.1 EQUIPMENT

- A. Package and Marking
 - 1. All equipment shall be protected against damage from moisture, dust, handling, or other cause during transport from manufacturer's premises to site. Each item or package shall be marked with the number unique to the specification reference covering the item.
 - 2. Stiffeners shall be used where necessary to maintain shapes and to give rigidity. Parts of equipment shall be delivered in assembled or subassembled units where possible.
- B. Identification
 - 1. Each item of equipment and valve shall have permanently affixed to it a label or tag with its equipment or valve number designated in this contract. Marker shall be of stainless steel. Location of label will be easily visible.
- C. Shipping
 - 1. Bearing housings, vents and other types of openings shall be wrapped or otherwise sealed to prevent contamination by grit and dirt.
 - 2. Damage shall be corrected to conform to the requirements of the Contract before the assembly is incorporated into the work. The Contractor shall bear

the costs arising out of dismantling, inspection, repair, and reassembly.

D. Factory Applied Coatings

1. Unless otherwise specified, each item of equipment shall be shipped to the site of the work with the manufacturer's shop applied epoxy prime coating as specified in Section 09900. The prime coating shall be applied over clean dry surfaces in accordance with the coating manufacturer's recommendations. The prime coating will serve as a base for field-applied finish coats. Electrical equipment and materials shall be painted by manufacturer.

E. Storage

1. During the interval between the delivery of equipment to the site and installation, all equipment, unless otherwise specified, shall be stored in an enclosed space affording protection from weather, dust and mechanical damage and providing favorable temperature, humidity and ventilation conditions to ensure against equipment deterioration. Manufacturer's recommendations shall be adhered to in addition to these requirements.
2. Equipment and materials to be located outdoors may be stored outdoors if protected against moisture condensation. Equipment shall be stored at least 6 inches above ground. Temporary power shall be provided to energize space heaters or other heat sources for control of moisture condensation. Space heaters or other heat sources shall be energized without disturbing the sealed enclosure.

F. Protection of Equipment after Installation

1. After installation, all equipment shall be protected from damage from, including but not limited to, dust, abrasive particles, debris and dirt generated by the placement, chipping, sandblasting, cutting, finishing and grinding of new or existing concrete, terrazzo and metal; and from the fumes, particulate matter, and splatter from welding, brazing and painting of new or existing piping and equipment. As a minimum, vacuum cleaning, blowers with filters, protective shieldings, and other dust suppression methods will be required at all times to adequately protect all equipment. During concreting, including finishing, all equipment that may be affected by cement dust must be completely covered. During painting operations, all grease fittings and similar openings shall be covered to prevent the entry of paint. Electrical switchgear, unit substation, and motor load centers shall not be installed until after all concrete work and sandblasting in those areas have been completed and accepted and the ventilation systems installed.

END OF SECTION

SECTION 01700
RESTORATION OF IMPROVEMENTS
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SECTION 01700
RESTORATION OF IMPROVEMENTS

PART 1. GENERAL

1.1 SCOPE OF WORK

- A. Work included in this section consists of but is not limited to: the restoration of pavement (asphalt, concrete and granular), striping, driveways, concrete curbs and gutters, sidewalks, fences, mailboxes, walls, underground and above ground utilities, repair, replacement, stabilization and/or relocation. Restoration of the landscaping, i.e., shrubs, trees and grassing, is also part of this work.
- B. The CONTRACTOR shall visit the site prior to submitting a bid and become familiar with the existing conditions. No additional compensation or time extensions will be given due to the contractor's execution of the work described above.
- C. No separate payment will be made for work covered under this section unless there is a specific line item for it on the bid form. Costs should be included with the price bid for other items.

1.2 QUALITY ASSURANCE

- A. The CONTRACTOR shall notify the Utility Protection Center at least 72 hours prior to beginning any construction. Dial 811 or call TOLL FREE 1-800-282-7411, 7:00 A. M. to 4:30 P.M., Monday through Friday.
- B. Any existing site improvements damaged during construction will be repaired at the CONTRACTOR's expense, to its existing condition or as directed by the ENGINEER.

1.3 REFERENCES

- A. Standard Specifications, Construction of Roads and Bridges, Latest Edition - Department of Transportation, State of Georgia, will be used for items of work not covered by these specifications or not shown on the drawings.

PART 2. PRODUCTS

2.1 MATERIALS

- A. Existing materials may be reused when restoring the construction site to original condition unless those materials have been damaged or deteriorated in any way. If material cannot be reused as determined by the Engineer, it shall be replaced with new material of like type.

PART 3. EXECUTION

3.1 GENERAL

- A. Particular care shall be taken to minimize disturbance to existing site improvements within the limits of construction. The CONTRACTOR will take whatever measures are necessary to prevent damage which may include, but is not limited to, erection of barriers, tree protective fencing, shoring and bracing of excavations and staging of the construction.

3.2 CONSTRUCTION

- A. All work will proceed in an orderly sequence and the construction will be done in a workmanlike manner. No excavations will be allowed to remain open overnight and they will either be properly backfilled or covered with steel plates to allow safe crossing of trenches by vehicles and/or pedestrians.

3.3 MAINTENANCE

- A. The CONTRACTOR will notify the ENGINEER to inspect restored areas as soon as construction is complete, and no further disturbances/damages would be likely to occur.
- B. The CONTRACTOR shall warrant the work free from defects of material and workmanship for a period of one year after acceptance.
- C. Clean up work areas by removing any scraps, rubbish or surplus material and dispose of them properly off the project site. Wash and hose down paved surfaces to remove all mud, debris, and other extraneous material, just prior to final inspection.

END OF SECTION

SECTION 01701
CONTRACT CLOSEOUT PROCEDURES
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**SECTION 01701
CONTRACT CLOSEOUT PROCEDURES**

PART 1. GENERAL

1.1 REQUIREMENTS INCLUDED

- A. Administrative provisions for Substantial Completion and for final acceptance.

1.2 RELATED REQUIREMENTS

- A. Section 01300 – Submittal
- B. Section 01720 – Project Record Documents
- C. Section 01740 – Warranties and Bonds

1.3 SUBSTANTIAL COMPLETION

- A. When the Contractor considers the work substantially complete, he shall prepare a punch list of uncompleted items and send to the Engineer for review. At the same time, the Contractor shall request in writing that the Engineer schedules a pre-final inspection.
- B. The Engineer will review the punch list submitted by the Contractor and determine if the project is substantially complete.
- C. If the Engineer determines that the project is not substantially complete, he will notify the Contractor in writing which items need to be finished before the project can be considered substantially complete. The Contractor shall continue working to complete all punch list items and resubmit a revised punch list when he considers the work is substantially complete.
- D. When the Engineer determines that the work is substantially complete, he will schedule a pre-final inspection with the Owner, Contractor and Engineer. A final punch list will be prepared at this time.
- E. After all punch list items have been completed, the Contractor shall send a request in writing to the Engineer to schedule a final inspection. When all punch list items are complete, the Engineer will issue a certificate of substantial completion.

1.4 FINAL COMPLETION

- A. When the Contractor considers that all of the work is complete, he shall submit the following certificates:
 - 1. All work has been completed and inspected for compliance with the Contract Documents and all deficiencies listed with the certificate of substantial

- completion have been corrected.
 - 2. All equipment and systems have been tested, adjusted and are fully operational.
 - 3. Owner's personnel have been fully instructed in the operation of all equipment (include sign off for each system).
 - 4. Work is complete and ready for final inspection.
- B. Should Engineer's inspection find work incomplete, he will promptly notify Contractor in writing listing observed deficiencies.
- C. Contractor shall remedy deficiencies and send a request for another final inspection.
- D. When Engineer finds work is complete, he will process final pay request documents.

1.5 REINSPECTION FEES

- A. Should status of completion of work require reinspection by Engineer due to failure of work to comply with Contractor's claims on pre-final or final inspection, the Owner will back charge the Contractor for each extra reinspection required of the Engineer. The Contractor shall reimburse the Owner by certified check prior to final payment of retainage.

1.6 CLOSEOUT SUBMITTALS

- A. Evidence of Compliance with Requirements of Governing Authorities –
- 1. Certificate of Occupancy as required by local codes.
 - 2. Certificates of Inspection approvals required for plumbing, mechanical and electrical systems as required by local codes if applicable.
- B. Project Record Documents – Under provisions of Section 01720.
- C. Operation and Maintenance Data – Under provisions of Section 01730.
- D. Warranties and Bonds – Under provisions of Section 01740.
- E. Evidence of Payment and Release of Liens (2 copies) – In accordance with Conditions of the Contract.
- F. Consent of Surety to Final Payment (2 copies) – Consent of Surety is to be sent by Surety directly to Carter and Sloope to the attention of the Project Engineer.
- G. Contractor's Warranty (2 copies)
- H. Statutory Affidavit (2 copies)
- I. Non-Influence Affidavit

J. EPD Inspection Reports

1.7 APPLICATION FOR FINAL PAYMENT

- A. Prior to application for final payment, the Contractor shall give the Engineer a list of all additions or deletions not previously approved by change order.
- B. The Engineer will review this list and prepare a final closeout change order for the items that are justified by the terms of the contract or approved by field order.
- C. After approval of the final closeout change order the Contractor may submit his application for final payment.

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION (Not Used)

PROJECT CLOSE OUT FORM
CHECK-OFF LIST

Document Received**	Number of Copies	Date
Contractor's Warranty	2 Originals	
Statutory Affidavit	2 Originals	
Non-Influence Affidavit	2 Originals	
Daily Observation Reports	2 Copies	
EPD Inspections	2 Copies	
Consent of Surety to Final Payment	2 Copies	
Record Drawings	1 Copy	
Testing Reports	2 Copies	
Waterline Disinfection Report	2 Copies	
Certificate of Insurance Coverage for Warranty Period	2 Copies	

END OF SECTION

SECTION 01710
FINAL CLEANUP
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**SECTION 01710
FINAL CLEANUP**

PART 1. GENERAL

1.1 REQUIREMENTS INCLUDED

- A. Final clean up of site and roadway.

1.2 DESCRIPTION

- A. Execute clean-up prior to inspection for Substantial Completion of the Work.

1.3 DISPOSAL REQUIREMENTS

- A. Remove and dispose of waste materials, rubbish, debris and trash in compliance with provisions of governing laws, codes, ordinances and regulations.
 - 1. Do not burn or bury rubbish, trash, debris and waste materials on Project site.

PART 2. PRODUCTS

2.1 CLEANING MATERIALS

- A. Use materials which will not create hazards to health or property, and which will not damage surfaces.
- B. Use only materials and methods recommended by manufacturer of material being cleaned.

PART 3. EXECUTION

3.1 PERIODIC CLEANING

- A. On a regular and frequent basis during progress of work, perform cleaning necessary to keep Project site and adjacent properties free from unsightly and unsafe accumulation of scrap and waste materials, debris, rubbish and trash resulting from construction operations.
 - 1. Provide sufficient trash bins and containers for collection of scrap and waste material, debris, rubbish and trash.
 - 2. Provide separate, closeable top metal containers for collection of oil and paint-soaked rags; empty volatile substance cans and other waste products

- subject to spontaneous combustion.
- 3. Designate approved eating areas and provide covered containers conforming to local health codes for collection of wastepaper and leftover foodstuffs. Enforce usage of containers by workmen.
- B. Dispose of scrap and waste materials, debris, rubbish and trash by one of the following optional methods:
 - 1. Provide services of company regularly engaged in refuse disposal operations, including usage of large metal dump-type trash containers.
 - 2. Use own forces and equipment for loading, hauling and disposal.
- C. Remove accumulations of scrap and waste materials as bins and containers are filled and not less than once per week.
 - 1. Remove containers containing products subject to spontaneous combustion daily.
 - 2. Remove containers containing wastepaper and leftover foodstuff daily.
 - 3. Legally dispose of all waste materials, rubbish, volatile materials and cleaning materials off Project site.
 - 4. Dispose of no materials in waterways.

3.2 DUST CONTROL

- A. Site Work – When working on unpaved or torn up streets, Contractor shall maintain a water truck on site for dust control. All dusty work sites in residential areas shall be watered at least twice per day and whenever directed by the Owner's representative.

3.3 FINAL CLEANING

- A. Site Work
 - 1. All piles of dirt and rocks are to be removed from the work areas.
 - 2. All disturbed areas are to be grassed and mulched according to these specifications.
 - 3. All construction debris is to be removed to an approved disposal site.
 - 4. All streets are to be swept with a mechanical sweeper.

3.4 INSPECTION

- A. Prior to acceptance by Owner of any designated portion of Work, conduct inspection in presence of Owner to verify work is properly clean and ready for acceptance by Owner.

END OF SECTION

SECTION 01720
PROJECT RECORD DOCUMENTS
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SECTION 01720
PROJECT RECORD DOCUMENTS

PART 1. GENERAL

1.1 REQUIREMENTS INCLUDED

- A. Maintenance of Record Documents and Samples.
- B. Submittal of Record Documents and Samples.

1.2 MAINTENANCE OF DOCUMENTS AND SAMPLES

- A. In addition to requirements in General Conditions, Maintain at the site for Owner, two record copies of:
 - 1. Contract Drawings
 - 2. Specifications
 - 3. Addenda
 - 4. Approved Change Orders, field orders or other modifications to the Contract
 - 5. Approved shop drawings, product data, and samples
 - 6. Field test records
 - 7. Inspection Certificates
 - 8. Manufacturer's certificates
- B. Store Record Documents and samples in Field Office apart from documents used for construction. Provide files, racks, and secure storage for Record Documents and samples. Records should be stored in a clean dry area with easy access.
- C. Document Files –
 - 1. Contract Drawings shall be maintained in a hanging stickfile.
 - 2. Specifications, addenda and Change Orders shall be filed in a "Banker Box" type file with hanging file folders.
 - 3. Shop drawings shall be filed in "Banker Box" hanging file with a separate file folder for each item. The Contractor shall maintain an index of shop drawings in the first folder. Each folder shall be labeled with the name of the item and the specifications and/or drawing number.
 - 4. Field tests and inspection certificates shall be maintained in separate file folders.
 - 5. All labels or indexes shall be typed or printed.
- D. Maintain Record Documents in a clean, dry and legible condition. Do not use Record Documents for construction purposes.
- E. Keep Record Documents and samples available for inspection by Engineer.

1.3 RECORDING

- A. Record information on clean sets of drawings and contract specifications. Label each sheet of the Project Record Drawings in the lower right corner with the neatly printed words “PROJECT RECORD DRAWINGS.”
 - 1. Two (2) sets of Contract Documents and Drawings will remain clean without mark-up for record purposes. Contractor shall use an additional set for marking measurements, on-site changes, items of construction that are actually used, and other conditions as they are encountered during the course of the Work. This marked-up set of Contract Documents and Drawings shall consist of red-lined copies of plans and shop drawings, shall indicate actual field dimensions, shall represent the work as actually constructed, and shall be recorded on a daily basis. Failure to produce these records on request of Engineer or Owner shall constitute grounds to halt construction with no time extension until steps are taken to see that these records are being properly made.
- B. Provide colored pens or pencils for marking each description of work.
 - 1. The Contractor shall provide colored pencils for marking record copies of Contract Drawings and Specifications.
 - 2. Establish a color code denoting what trade will use what color, and show this on a schedule on the front sheet of the “PROJECT RECORD DOCUMENTS”.
- C. Record information concurrently with construction progress. DO NOT CONCEAL ANY WORK UNTIL REQUIRED INFORMATION IS RECORDED.
- D. Contract Drawings and Shop Drawings – Legibly mark each item to record actual construction, including:
 - 1. Measured depths of elements of foundation in relation to finish first floor or benchmark.
 - 2. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements. Use stations and offsets or coordinates.
 - 3. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of construction.
 - 4. Field changes of dimension and detail.
 - 5. Changes made by Modifications.
 - 6. Details not on original Contract Drawings.
 - 7. References to related shop drawings and Modifications.
- E. Prior to final construction observation, Contractor shall furnish to Engineer two (2) neatly marked sets of construction plans which accurately depict the conditions and

records all changes made during construction. Engineer shall promptly notify Contractor in writing if additional information is required.

- F. Other Documents – Maintain manufacturer’s certifications, inspection certifications, and field test records, required by individual Specification sections.

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION (Not Used)

END OF SECTION

SECTION 01740
WARRANTIES AND BONDS
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SECTION 01740
WARRANTIES AND BONDS

PART 1. GENERAL

1.1 SECTION INCLUDES

- A. Preparation and submittal.
- B. Time and schedule of submittals.

1.2 RELATED SECTIONS

- A. Section 00700 – General Conditions – Warranties and correction of work.
- B. Section 01701 – Contract Closeout – Contract closeout procedures.
- C. Individual Specifications Sections – Warranties required for specific Products or Work.

1.3 FORM OF SUBMITTALS

- A. Bind in commercial quality, 8-1/2 x 11 inch three-ring side binders with hardback, cleanable, plastic covers.
- B. Label cover of each binder with typed or printed title WARRANTIES AND BONDS, with title of Project; name, address and telephone number of Contractor and equipment supplier; and name of responsible principal.
- C. Table of Contents – Neatly typed, in the sequence of the Table of Contents of the Project Manual, with each item identified with the number and title of the specification Section in which specified, and the name of the product or work item.
- D. Separate each warranty or bond with index tab sheets keyed to the Table of Contents listing. Provide full information, using separate typed sheets as necessary. List Subcontractor, supplier, and manufacturer, with name, address, and telephone number of responsible principal.
- E. Provide plastic cardholder sleeve and insert business cards from all subcontractors and general contractors' personnel including on-site representative, project manager and owner of company. Insert into manual this "card file" after table of contents.

1.4 PREPARATION OF SUBMITTALS

- A. Obtain warranties and bonds, executed in duplicate by responsible Subcontractors,

suppliers, and manufacturers, within ten (10) days after completion of the applicable item of work. Except for items put into use with Owner's permission, leave date of beginning of time of warranty until the Date of Substantial Completion is determined. Provide three complete notebooks to the Engineer for distribution. The Owner will receive two copies and the engineer will retain one copy.

- B. Verify that documents are in proper form, contain full information, and are notarized.
- C. Co-execute submittals when required.
- D. Retain warranties and bonds until time specified for submittal.

1.5 TIME OF SUBMITTALS

- A. For equipment or component parts of equipment put into service during construction with Owner's permission, submit documents within ten (10) days after acceptance.
- B. Make other submittals within ten (10) days after Date of Substantial Completion, prior to final Application for Payment.
- C. For items of Work when acceptance is delayed beyond Date of Substantial Completion, submit within ten (10) days after acceptance, listing the date of acceptance as the beginning of the warranty period.

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION (Not Used)

END OF SECTION

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SITE CLEARING
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**SECTION 02230
SITE CLEARING**

PART 1. GENERAL

1.1 WORK INCLUDED

- A. Furnish all necessary labor, equipment, material and transportation and performing all operations necessary for removal of surface debris, trees, shrubs, and other plant life.

1.2 RELATED WORK

- A. Section 02300 – Earthwork

1.3 REFERENCED STANDARDS

- A. Conform to applicable code for environmental requirements, disposal of debris, burning debris on site, use of herbicides.
- B. Coordinate clearing work with the appropriate utilities companies.

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION

3.1 PREPARATION

- A. Verify that existing plant life designated to remain is tagged or identified.
- B. Identify a waste area and/or salvage area for placing removed materials.

3.2 CLEARING & GRUBBING

- A. Clear areas required for access to site and execution of Work. Clearing shall consist of the felling and cutting of trees into sections, and the satisfactory disposal of the trees and other vegetation designated for removal, including downed timber, snags, brush, and rubbish occurring within the area to be cleared. Trees, stumps, roots, brush, and other vegetation in areas to be cleared shall be burned or removed completely from the site, except such trees and vegetation as may be indicated or directed to be left standing. Trees designated to be left standing within the cleared areas shall be trimmed of dead branches 1-1/2 inch or more in diameter. Limbs and branches to be trimmed shall be neatly cut close to the hole of the tree or main branches. Cuts more than 1-1/2 inch in diameter thus made shall be painted with approved treewound paint. Trees and vegetation to be left standing shall be protected from damage incident to clearing, grubbing, and construction operations, by the erection of timber barriers or by such other means as the circumstances require. Such barriers must be placed and be approved by the OWNER before

construction observations can proceed (See 3.02). Clearing shall also include the removal and disposal of structures that obstruct, encroach upon, or otherwise obstruct the work.

- B. Grubbing shall consist of the removal and disposal of stumps, roots larger than one (1) inch in diameter, and matted roots from the designated grubbing areas. This material, together with logs and other organic or metallic debris not suitable for building of pavement subgrade or building pads, shall be excavated and removed to a depth of not less than 18-inches below the original surface level of the ground in embankment areas and not less than 2-feet below the finished earth surface in excavated areas. Depressions made by grubbing shall be filled with suitable material and compacted to make the surface conform with the original adjacent surface of the ground.

3.3 PROTECTION

- A. All trees on the site will be saved except those marked specifically on the site by the Owner's representative for removal during construction. No trees, either those marked for removal on the site or any other tree, may be removed from the site prior to the preconstruction conference. All trees not to be removed will be protected from injury to their roots and to their top to a distance of three (3') feet beyond the drip-line and no grading, trenching, pruning, or storage of materials may go in this area except as provided by a stakeout by a Owner's representative. The Contractor will pay a penalty for any tree removed from the site which has not been marked specifically for removal. The Contractor also will pay for any tree which dies due to damage during construction. This applies to all trees on the site whether or not they are shown on the plans.
- B. The Contractor shall not be held accountable for damages to trees resulting from placement of fill or removal of soils where such action is required by the contract documents. Any tree, the trunk of which is within 10 feet of any footing or trench, shall be exempt from these penalties except that the Contractor shall exercise all reasonable precautions to preserve even these trees. The contractor agrees to pay penalties as established below in the event that he or any of his subcontractors causes the loss or removal of trees designated to be saved under the provisions of the Agreement.

The penalty is as follows:

<u>Tree Diameter at a Point 4 Feet Above Existing Grade</u>	<u>Penalty</u>
6" – 7"	\$300.00
7" – 8"	\$375.00
8" – 11"	\$550.00
12" – 20"	\$800.00
21" and larger	\$1,000.00

-
- C. Trees to be graded by the Owner's representative as to variety, condition and site importance with the above figures acting as a maximum penalty with the lowest assessment amount to be no less than one-half of the above penalty figures.
 - D. Protect bench marks, survey control points, and existing structures from damage or displacement.
 - E. Protect all utilities that remain.
 - F. Clearing operations shall be conducted so as to prevent damage by falling trees to trees left standing, to existing structures and installations, and to those under construction, and so as to provide for the safety of employees and others.

3.4 REMOVAL

- A. Where indicated or directed, trees and stumps shall be removed from areas outside those areas designated for clearing and grubbing. The work shall include the felling of such trees and the removal of their stumps and roots. Trees shall be disposed of as hereinafter specified.
- B. Remove debris, rock, and other extracted plant life from site.
- C. Partially remove paving, curbs; as indicated. Neatly saw cut edges at right angle to surface.

3.5 DISPOSAL

- A. Disposal of trees, branches, snags, brush, stumps, etc., resulting from the clearing and grubbing shall be the responsibility of the Contractor and shall be disposed of by burning, removal from the site of this work, or a combination of both. All costs in connection with disposing of the material will be at the Contractor's expense. Material disposed of by burning shall be burned in a manner that will avoid all hazards, such as damage to existing structures, construction in progress, trees and vegetation. The Contractor shall be responsible for compliance with all local and State laws and regulations relative to the building of fires. Disposal by burning shall be kept under constant attendance until the fires have burned out or extinguished. All liability of any nature resulting from the disposal of the cleared and grubbed material shall become the responsibility of the Contractor. The disposal of all materials cleared and grubbed will be in accordance with the rules and regulations of the State of Georgia. No material will be burned unless directed to do so by the OWNER. The Contractor shall obtain a permit to burn on site from the local fire department, before beginning the work.

END OF SECTION

SECTION 02264
MODIFICATION TO EXISTING STRUCTURES, PIPING, AND EQUIPMENT
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**SECTION 02264
MODIFICATION TO EXISTING STRUCTURES, PIPING, AND EQUIPMENT**

PART 1. GENERAL

1.1 SCOPE

- A. Furnish all labor, materials, equipment, and incidentals required to modify, alter and/or convert existing structures as shown or specified herein. Work shall be performed within the requirements of the Special Project Procedures, Section 01030 and required construction scheduling in Section 01310. Existing piping and equipment shall be removed and dismantled as necessary for the performance of structural alterations in accordance with the requirements herein specified. Any and all modifications to existing structures, piping, equipment and other facilities shall be done only after approval by the Engineer.

PART 2. PRODUCTS (Not Used)

PART 3. EXECUTION

3.1 GENERAL

- A. The Contractor shall cut, repair, reuse, excavate, demolish, or otherwise remove parts of the existing structures or appurtenances, as indicated on the Contract Drawings, herein specified, or necessary to permit completion of the work under this Contract. He shall dispose of surplus materials resulting from the above work in an approved manner. The work shall include all necessary cutting and bending of reinforcing steel, structural steel, or miscellaneous metal work found embedded in the existing structures.
- B. No existing structure, equipment, or appurtenance shall be shifted, cut, removed, or otherwise altered except with the express approval of and to the extent approved by the Engineer.
- C. When removing materials or portions of existing structures and when making openings in walls and partitions, the Contractor shall take all precautions and use all necessary barriers and other protective devices so as not to damage the structures beyond the limits necessary for the new work, and not to damage the structures or contents by falling or flying debris. Unless otherwise permitted, line drilling will be required in cutting existing concrete.
- D. Materials and equipment removed in the course of making alterations and additions shall become the property of the Contractor to be disposed of by him off the work

SECTION 02264-3

MODIFICATION TO EXISTING STRUCTURES, PIPING, AND EQUIPMENT

site at his own place of disposal. Operating equipment shall be thoroughly cleaned, lubricated, and greased for protection during prolonged storage. Storage of equipment shall be performed in accordance with the provisions of Section 01605 – Shipment, Protection and Storage.

- E. All alterations to existing structures shall be done at such time and in such manner as will comply with the approved time schedule, and with the construction sequence described in Section 01310. So far as possible before any part of the work is started, all tools, equipment, and materials shall be assembled and made ready so that the work can be completed without delay.
- F. All workmanship and new materials involved in constructing the alterations shall conform to the General Specifications for the classes of work insofar as such specifications are applicable.
- G. All cutting of existing concrete or other material to provide suitable bonding to new work shall be done in a manner to meet the requirements of the respective section of these Specifications covering the new work. When not covered, the work shall be carried on in the manner and to the extent directed by the Engineer.
- H. Surfaces of seals visible in the completed work shall be made to match as nearly as possible the adjacent surfaces.
- I. Non-shrink grout shall be used for setting wall castings, sleeves, leveling pump bases, doweling anchors into existing concrete and elsewhere as shown.
- J. Where necessary or required for the purpose of making connections, the Contractor shall cut existing pipelines in a manner to provide an approved joint. Where required, he shall weld beads, flanges, provide Dresser Couplings, or provide Uniflange Couplings, all as required.
- K. The Contractor shall provide flumes, hoses, piping, and other related items to divert or provide suitable plugs, bulkheads, or other means to hold back the flow of water or other liquids, all as required in the performance of the work under this Contract.
- L. Blasting will not be permitted to complete any work under this Contract.

3.2 CONNECTING TO EXISTING PIPING AND EQUIPMENT

- A. The Contractor shall verify exact location, material, alignment, joint, etc. of existing piping and equipment prior to making the connections called out in the Drawings. The verifications shall be performed with adequate time to correct any potential alignment or other problems prior to the actual time of connection.

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MODIFICATION TO EXISTING STRUCTURES, PIPING, AND EQUIPMENT

- B. The Contractor shall dismantle and remove all existing equipment, piping and other appurtenances required for the completion of the work. Where called for or required, he shall cut existing pipelines for the purpose of making connections thereto. Anchor bolts for equipment and structural steel removed shall be cut off one inch below the concrete surface. Surface shall be finished as specified in Division 3.
- C. At the time that a new connection is made to an existing pipeline, additional new piping, extending to and including the most convenient new valve, shall be installed.
- D. Where necessary or required for the purpose of making connections, the Contractor shall cut existing pipe lines in a manner to provide an approved joint. Where required, he shall weld beads, flanges, provide Dresser Couplings, or provide Uniflange Couplings, all as required.

3.3 CLEANUP

- A. At the end of each work day or upon stopping work for more than four (4) hours, the Contractor shall clean all work areas in and around the existing buildings and shall leave all work areas neat and orderly. The Contractor shall put in place temporary shields, tarps, curtains, screens, etc. as necessary to confine dust, water, dirt, and debris to the area immediately adjacent to work area. Special precautions shall be taken to protect existing facilities in the work areas.

END OF SECTION

**SECTION 02300
EARTHWORK
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**SECTION 02300
EARTHWORK**

PART 1. GENERAL

1.1 SCOPE

- A. Work under this section shall include all excavation, handling, re-handling, backfilling, compaction of earth material and disposal of any and all deleterious materials encountered during excavation. Other work under this section shall include all dewatering of excavated areas or trenches, backfilling around structures, preparation of subgrades, surfacing and grading and other incidental or appurtenant earthwork operations necessary to complete work in a satisfactory manner. Moreover, the Contractor must assume all responsibility for any added obstacles or conditions, foreseen or unforeseen, and encountered or manifest during the execution of the work.
- B. Contractor shall provide all service, labor, materials, and equipment required for all earthwork and related operations necessary to complete the work as shown on drawings or specified in these specifications, or as determined in the field jointly by Contractor and Engineer.
- C. Tests for compaction and density shall be conducted by an independent testing laboratory selected by Contractor and approved by Engineer. Costs of compaction tests performed by an independent testing laboratory shall be paid for directly by Contractor. Contractor shall make all necessary excavations and shall supply samples of materials necessary for conducting compaction and density tests. Cost of all retests made necessary by failure of materials to conform to requirements of these specifications shall be paid for by Contractor.

1.2 RELATED WORK

- A. Section 02230 – Site Clearing
- B. Section 02315 – Excavation, Trenching and Backfill for Utility System
- C. Section 02316 – Rock Removal
- D. Section 02510 – Water Distribution System
- E. Section 02920 – Grassing

1.3 REFERENCES

- A. American Society for Testing and Materials (ASTM)

ASTM C 136	(1996a) Sieve Analysis of Fine and Coarse Aggregates
ASTM D 422	(1963; R 1998) Particle-Size Analysis of Soils
ASTM D 1140	(1997) Amount of Material in Soils Finer than the No. 200 (75-micrometer) Sieve
ASTM D 1556	(190; R 1996) Density and Unit Weight of Soil in Place by the Sand-Cone Method
ASTM D 1557	(1998) Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/cu. Ft. (2,700 kN-m/cu.m.))
ASTM D 2167	(1994) Density and Unit Weight of Soil in Place by the Rubber Balloon Method
ASTM D 2487	(1998) Classification of Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D 2922	(1996) Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
ASTM D 2937	(1994) Density of Soil in Place by the Drive-Cylinder Method
ASTM D 3017	(1988; R 1996e) Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)
ASTM D 4318	(1998) Liquid Limit, Plastic Limit, and Plasticity Index of Soils

- B. Georgia Department of Transportation Standard Specification, Construction of Roads and Bridges (Georgia D.O.T. Specifications).
- C. Federal Register (CFR) – OSHA Regulations, 29 CFR Part 1926, Subpart P

1.4 DEFINITIONS

- A. Compaction – The degree of compaction is specified as percent compaction. Maximum or relative densities refer to dry soil densities obtainable at optimum moisture content.
- B. Excavation Slope – Excavation slope shall be defined as an inclined surface formed by removing material from below existing grade.
- C. Embankment Slope – Embankment slope shall be defined as an inclined surface formed by placement of material above existing grade.
- D. Topsoil – Material obtained from excavations suitable for topsoil is defined as natural, friable soil, characteristic of representative soils in the vicinity that produce heavy growths of crops, grass, or other vegetation. Topsoil shall be free from roots, stones greater than two inches, and other materials that hinder grading, planting, and maintenance operations, and free from objectionable weed seeds and toxic substances.

1.5 QUALITY ASSURANCE

- A. Soil Tests – The Contractor shall arrange for a certified testing service approved by the Engineer to provide all testing services required by this section. The testing service shall take samples and perform moisture content gradation, compaction, and density tests during placement of backfill materials to check compliance with these specifications at locations selected by the Engineer. The Contractor shall remove surface material at locations designated by the Engineer and provide such assistance as necessary for sampling and testing. The Engineer may direct the Contractor to construct inspection trenches in compacted or consolidated backfill to determine that the Contractor has complied with these specifications.

Tests will be performed in accordance with the following:

<u>Test</u>	<u>Standard Procedure</u>
Moisture content	ASTM D 3017
Gradation	ASTM C 136
Density in-place	ASTM D 1556
Moisture-density relationships	ASTM D 1557

Test results will be furnished to the Engineer.

1.6 CONDITIONS

- A. Elevations of the existing ground and the elevations of existing grades of structures are believed to be reasonably correct, but do not purport to be absolutely so, and, together with any schedule of quantities are presented only as an approximation. The Contractor shall satisfy himself, however, by actual examination of the site of the work as to the existing elevations and the amount of work required under these sections. If the Contractor is not willing to accept any ground surface elevations indicated upon the Drawings for payment, he shall so notify the Engineer prior to starting any excavation work.
- B. Earthwork operations shall be performed in a safe and proper manner with appropriate precautions being taken against all hazards.
- C. The Contractor shall locate existing underground utilities in areas of work. If utilities are to remain in place, provide adequate means of protection during earthwork operations.
- D. Should uncharted, or incorrectly charted, piping or other utilities be encountered during excavation, consult utility owner immediately for directions. Cooperate with Owner and utility companies in keeping respective services and facilities in operation. Repair damaged utilities to satisfaction of utility owner.
- E. Do not interrupt existing utilities serving facilities occupied and used by Owner or others except when permitted in writing by Engineer and then only after acceptable temporary utility services have been provided.

- F. All excavated and filled areas for structures, trenches, fills, topsoil areas, embankments, pavement, drainage ditches and channels shall be maintained by Contractor in good condition at all times until final acceptance by Owner. All damage caused by erosion or other construction operations shall be repaired by Contractor using materials of same type as damaged material.
- G. No classification of excavated materials will be made. Excavation and trenching work shall include the removal and subsequent handling of all materials excavated or otherwise removed in performance of the work, regardless of type, character, composition, or condition thereof.
- H. Earthwork within rights-of-way of State Department of Transportation, County Road Department, City Street Department, or utility companies shall be done in accordance with requirements and provisions of permits issued by those agencies for construction within their respective rights-of-way. Such requirements and provisions, where applicable, shall take precedence and supersede the provisions of these Specifications.
- I. Contractor shall control grading in a manner to prevent water running into excavations. Obstruction of surface drainage shall be avoided and means shall be provided whereby storm water will not be interrupted in existing gutters, other surface drains, or temporary drains. Material for backfill or for protection of excavation in public roads from surface drainage shall be neatly placed and kept shaped so as to cause the least possible interference with public travel. Free access must be provided to all fire hydrants, water valves, meters, and private drives.
- J. All earthwork operations shall comply with applicable OSHA Construction Standards.
- K. It is understood and agreed that Contractor has made a thorough investigation of the surface and subsurface conditions of the site and any special construction problems which might arise as a result of nearby watercourses and floodplains, particularly in areas where construction activities may encounter water-bearing sands and gravels or limestone solution channels. Contractor shall be responsible for providing all services, labor, equipment, and materials necessary or convenient to him for completing the work within the time specified in these specifications.

1.7 PROJECT RECORD DOCUMENTS

- A. Accurately record location of utilities remaining, rerouted utilities, and new utilities by horizontal dimensions, elevations or inverts, and slope gradients.

1.8 PROTECTION

- A. Protect trees, shrubs, lawns, and other features remaining as portion of final

landscaping. Protect benchmarks, R/W markers, monuments, iron pins, property corner markers, etc. If such markers are disturbed or destroyed, Contractor shall provide services of a registered land surveyor to replace the markers at no expense to the Owner.

PART 2. PRODUCTS

2.1 SOIL MATERIALS

- A. Satisfactory soil materials are limited to soils classified in accordance with ASTM D 2487 as GM, GC, SW, SP, SM, SC, ML, and CL.

Unsatisfactory soil materials are classified in accordance with ASTM D 2487 as Pt, OH, OL, CH, and MH.

- B. Satisfactory soil materials shall be free of clay, rock or gravel larger than 2" in any dimension, debris, waste, frozen materials, organics, vegetation and other deleterious matter.
- C. Borrow shall consist of sand or sand-clay soils capable of being readily shaped and compacted to the required densities, and shall be free of roots, trash and other deleterious material.
- D. All soils used for structural fills shall have a PI (plastic index) of less than 10 and a LL (liquid limit) of less than 30. Fill soils shall be dried to appropriate moisture contents prior to compaction.
- E. Additionally, fill soils used for the top 2 feet of fill beneath roads and parking lots shall have no more than 15% passing the #200 sieve. Fill soils used for house lots shall have no more than 25% passing the #200 sieve.
- F. Contractor shall furnish all borrow material.
- G. Contractor shall be responsible for and bear all expenses in developing borrow sources including securing necessary permits, drying the material, haul roads, clearing, grubbing, and excavating the pits, haul roads, placing, restoration of pits and haul roads to a condition satisfactory to property owners and in compliance with applicable state and local laws and regulations.

2.2 SOURCE QUALITY CONTROL

- A. If tests indicate materials do not meet specified requirements, change material and retest.
- B. Provide materials of each type from same source throughout the work.

PART 3. EXECUTION

3.1 PREPARATION

- A. Identify required lines, levels, contours, and datum. Coordinate with Section 01050 – Surveying and Field Engineering.
- B. Identify known below grade utilities. Stake and flag locations.
- C. Identify and flag above grade utilities.
- D. Maintain and protect existing utilities remaining which pass through work area.
- E. Notify all utility companies prior to grading and where required to remove utilities.
- F. Upon discovery of unknown utility or concealed conditions, discontinue affected work; notify Owner/Engineer immediately.

3.2 DEWATERING

- A. Contractor shall provide and maintain at all times during construction, ample means and devices with which to promptly remove and properly dispose of all water from any source entering the excavations or other parts of the work. Dewatering shall be accomplished by methods that will ensure a dry excavation and preservation of final lines and grades of bottoms of excavations. Methods of dewatering may include sump pumps, well points, deep wells, or other suitable methods, which do not damage or weaken structures, foundations, or subgrades. Shallow excavations may be dewatered using open ditches provided such ditches are kept open and free-draining at all times. Dewatering methods used shall be acceptable to Engineer. Footing pits or trenches shall be protected by small earth dikes and plastic covers when they are left open in rainy weather.
- B. Unless specifically authorized by Engineer, groundwater encountered within the limits of excavation shall be depressed to an elevation not less than twelve (12) inches below the bottom of such excavation before pipe laying or concreting is started and shall be so maintained. No concrete structures shall be exposed to unequal hydrostatic forces until the concrete has reached its specified 28-day strength. Water shall not be allowed to rise above bedding during pipe laying operations. Contractor shall exercise care to prevent damage to pipelines or structures resulting from flotation, undermining, or scour. Dewatering operations shall commence when ground or surface water is first encountered and shall be continued until such time as water can safely be allowed to rise in accordance with provisions of this section.
- C. Standby pumping equipment shall be kept on the job site. A minimum of one standby unit (one for each ten in the event well points are used) shall be available for immediate installation should any pumping unit fail. Installation of well points or

deep wells shall be adequately sized to accomplish the work. Drawings or design of proposed well point or deep well dewatering systems shall be submitted to Engineer for review.

- D. Contractor shall not operate dewatering devices (i.e., pumps, etc.) before the hour of 8:00 AM and after the hours of 8:00 PM in a residential area unless otherwise approved by Engineer or Owner.
- E. If foundation soils are disturbed or loosened by the upward seepage of water or an uncontrolled flow of water, the affected areas shall be excavated and replaced with foundation backfill at no cost to Owner. Foundation backfill shall be placed in bottom of trench to within 6" of the bottom of pipe. Six (6) inches of bedding stone shall be placed over the top of the foundation backfill.
- F. Contractor shall dispose of water from the work in a suitable manner without damage to adjacent property. Conveyance of water shall be such as to not interfere with construction operations or surrounding property owners. No water shall be drained into work completed or under construction without prior consent of Engineer. Contractor will be held responsible for the condition of any pipe or conduit which he may use for drainage purposes, and all such pipes or conduits shall be left clean and free of sediment.
- G. Water shall be disposed of in such a manner as not to be a menace to public health and in accordance with applicable Environmental Protection Agency, Corps of Engineers, and State Department of Health & Environmental Control standards and permits.
- H. Permanent French drains under and around structures shall be installed where shown. Excavation of a trench as shown on the drawings is required. A non-woven drainage geotextile such as Polyfelt TS700 shall be initially draped in the trench. No. 57 stone shall be placed in the trench followed by a 6-inch diameter perforated PVC pipe as shown on the drawings. Crushed stone shall be placed such that the granular layer is extended to finished grade. Filter fabric shall be lapped over the top of the stone. The permanent French drain must have daylight into a lower elevation area of the site. A headwall and an animal screen shall be provided at the outlet end of the pipe to protect it from future clogging.

3.3 SHEETING, SHORING AND BRACING

- A. See Section 02350 – SHEETING, SHORING, AND BRACING.

3.4 TOPSOIL EXCAVATION

- A. Excavate topsoil from areas to be further excavated or graded and stockpile in

designated area. Remove excess topsoil not being reused from site.

- B. Do not excavate wet topsoil.
- C. Stockpile topsoil to height not exceeding 8 feet. (Cover to protect from erosion).

3.5 GENERAL EXCAVATION

- A. Excavation shall include removal of all material from an area necessary for the construction of a structure, dam or dike. Excavations shall provide adequate working space and clearances for the work to be performed therein. Excavation for structures shall conform to the elevations and dimensions shown with a tolerance of plus or minus 0.10 feet.
- B. Contractor shall be responsible for any problems caused to property owners in residential areas due to excessive dust caused by excavation operations. Preparations shall be made by Contractor to control excessive dust in or near any residential area.
- C. Where quicksand, soft clay, spongy, swampy or other materials unsuitable for subgrade or foundation purposes are encountered below excavation limits, they shall be removed to a level of suitable material as directed by the Geotechnical engineer. Areas so excavated shall be backfilled with Class D concrete or with foundation backfill to the original excavation limit unless otherwise directed by the Geotechnical Engineer.
- D. Barriers shall be placed at each end of all excavations and at such places as may be necessary along excavations to warn all pedestrian and vehicular traffic of such excavations. Lights shall also be placed along excavations from sunset each day to sunrise of next day until excavations are backfilled. All excavations shall be barricaded in such a manner as to prevent persons from falling or walking into any excavation.

3.6 BORROW EXCAVATION

- A. Wherever the backfill of excavated areas or the placement of embankments or other fills require material not available at the site, suitable material shall be obtained from other sources. This may require the opening of borrow pits at points not immediately accessible to the work. In such cases, Contractor shall make arrangements with the property owner and shall pay all costs incident to the borrowed material including royalties, if any, for the use of the material. Before a borrow pit is opened, the quality and suitability of the material to be obtained shall be approved by the Geotechnical Engineer. Any soil tests required for approval of the borrowed material proposed shall be at the Owner's expense.

3.7 SUBSURFACE OBSTRUCTIONS

- A. In excavating, backfilling, and laying pipe, care must be taken not to remove, disturb, or injure any existing water, telephone, gas pipes, storm drainage pipe, headwalls or catch basins, or other conduits or structures, without the approval of the Engineer. If necessary, the Contractor at his own expense, shall sling, shore up, and maintain such structures in operation, and shall repair any damage to them. Before final acceptance of the work, he shall return all such structures to as good condition as before the work started.
- B. The Contractor shall give sufficient notice to any utility of his intention to remove or disturb any pipe, conduit, etc., and shall abide by their regulations governing such work. In the event that any subsurface structure becomes broken or damaged in the execution of the work, the Contractor shall immediately notify the proper authorities, and shall be responsible for all damage to persons or property caused by such breaks. Failure of the Contractor to promptly notify the affected authorities shall make him liable for any needless loss so far as interference with the normal operation of the utility.
- C. When pipes or conduits providing service to adjoining buildings are broken during progress of the work, the Contractor shall repair them at once.
- D. Delays such as would result in buildings or residences being without services overnight or for a needlessly long period during the day will not be tolerated. Should it become necessary to move the position of a pipe, conduit or structure, it shall be done by the Contractor in strict accordance with the instructions given by the Engineer or the utility involved.
- E. The Owner or the Engineer will not be liable for any claim made by the Contractor based on underground obstructions being different from that indicated in these Contract Documents or plans.

3.8 DISPOSAL OF WASTE AND UNSUITABLE MATERIALS

- A. Materials removed by excavation, which are suitable for the purpose, shall be used to extent possible for backfilling pipe trenches and for making embankment fills, subgrades or for such other purposes as may be shown on Drawings. Materials not used for such purposes shall be considered waste material and shall be disposed of at the Contractor's expense.
- B. Waste materials shall be spread in uniform layers and neatly leveled and shaped. Spoil banks shall be provided with sufficient and adequate openings to permit surface drainage of adjacent lands.
- C. Unsuitable materials, consisting of rock, wood, vegetable matter, debris, soft or spongy clay, peat, and other objectionable material so designated by the

Geotechnical Engineer, shall be removed from the work site and disposed of by Contractor at his expense.

- D. No waste material shall be dumped on private property unless written permission is furnished by owner of property and unless a dumping permit is issued from local jurisdiction.

3.9 ROCK REMOVAL

- A. See Section 02316 – Rock Removal of these specifications.

3.10 COMPACTION

- A. Control soil compaction and moisture content during construction in accordance with the following requirements.
- B. Fill Placement – Once the subgrade has been approved, the exposed surface and all subsequent fill lifts shall be compacted to at least 95% of the maximum dry density in accordance with ASTM D 698, current edition. These soils shall be placed maintaining the moisture content within 3% of the optimum moisture content.

3.11 BACKFILL AND FILLS

- A. Place acceptable soil material in layers to required elevations.
- B. Ground Surface preparation – Remove vegetation, debris, unsatisfactory soil materials, obstructions, and deleterious materials from ground surface prior to placement of fills. Plow, strip, or break-up sloped surfaces steeper than 1 vertical to 4 horizontal so that fill material will bond with existing surface.
- C. When existing ground surface has a density less than that specified under “Compaction” for particular area classifications, break up ground surface, pulverize, bring moisture-condition to optimum moisture content, and compact to required depth and percentage of maximum density.
- D. Placement and Compaction – Place backfill and materials in layers not more than 6” in loose depth for material compacted by heavy compaction equipment and not more than 4” in loose depth for material compacted by hand operated tampers.
- E. Before compaction, moisten or aerate each layer as necessary to provide optimum moisture content. Compact each layer to required percentage of maximum dry density or relative dry density for each area classification. Do not place backfill or fill material on surfaces that are muddy, frozen, or contain frost or ice.
- F. Place backfill and fill materials evenly adjacent to structures, to required elevations. Take care to prevent wedging action of backfill against structures by carrying

material uniformly around structure to approximately same elevation in each lift.

3.12 TOLERANCES

- A. Unpaved areas within 0.1 feet of elevations shown on the drawings provided such deviation does not create low spots that do not drain.
- B. Paved Areas – Subgrade to within 0.05 feet of the drawing elevations less the compacted thickness of the base and paving.
- C. Building Pads – Subgrade to within 0.05 feet of the drawing elevations less the thickness of the concrete slab.

3.13 FINISHED GRADING

- A. All areas covered by the project including excavated and filled sections and adjacent transition areas shall be smooth graded and free from irregular surface changes.
- B. Degree of finish shall be that originally obtainable from either blade grader or scraper operations supplemented with hand raking and finishing, except as otherwise specified.
- C. The finished surface of unpaved areas shall be not more than 0.10' above or below the established grade or approved cross-section.
- D. Ditches and lagoon banks shall be finish graded, dressed and seeded within fourteen (14) calendar days of work to reduce erosion and permit adequate drainage.

3.14 PROTECTION

- A. Graded areas shall be protected from traffic, erosion, settlement, or any washing away that may occur from any cause prior to acceptance.
- B. The Contractor shall be responsible for protection of below grade utilities shown on the drawings or indicated to him by the Owner at all times during earthwork operations.
- C. Repair or re-establishment of graded areas prior to final acceptance shall be at the Contractor's expense.
- D. Site drainage shall be provided and maintained by Contractor during construction until final acceptance of the project. Drainage may be by supplemental ditching or pumping if necessary, prior to completion of permanent site drainage.

3.15 DRAINAGE

-
- A. The Contractor shall be responsible for providing surface drainage away from all construction areas. This shall include maintenance of any ditches that exist or may be constructed by others in the immediate vicinity of the work. Contractor shall provide proper and effective measures to prevent siltation of wetlands, streams, and ditches both on the Owner's property, and those properties downstream.

3.16 PRE-DENSIFICATION AND PROOFROLLING

- A. At completion of clearing, grubbing and stripping of topsoil, stump holes or other depressions shall be cleared of loose material and debris and shall then be backfilled with approved fill. The backfill shall be placed in six-inch thick loose lifts and compacted to 95% of the maximum dry density in accordance with the ASTM D 698, current edition.
- B. Following the clearing and grubbing of trees and underbrush and stripping of topsoil, the fill subgrade shall be evaluated by the Geotechnical Engineer or his representative prior to fill placement. Proofrolling of the subgrade soils shall be performed where possible. Proofrolling shall be accomplished with a loaded dump truck or other approved rubber-tired equipment. Overlapping passes of the vehicle shall be made across the site in one direction and then at right angles to the original direction.
- C. Proofrolling shall not be performed on excessively soft areas or areas of high-water table. Recommendations for these areas will be made by the Geotechnical Engineer at the time of construction. These recommendations may include undercutting soft areas, trenching of soils for drainage or the placement of bridge lifts.

3.17 FIELD QUALITY CONTROL

- A. Quality Control Testing During Construction – Allow testing service to inspect and approve subgrades and fill layers before further construction work is performed. An experienced geotechnical engineer shall observe all proofrolling and all fill and liner placement. Submit one copy of results of all compaction tests and observations of pre-densification to Owner and Engineer.
- B. Perform field density tests in accordance with ASTM D 2937 (drive cylinder method), ASTM D 2167 (rubber balloon method), as applicable, or nuclear method ASTM D 2922.
- C. Perform at least one field density test for each layer of fill for every 5,000 square feet of area.
- D. If in opinion of Engineer, based on testing service reports and inspection, subgrade or fills that have been placed are below specified density, provide additional compaction and testing at no additional expense.

- E. Testing will be the responsibility of the Contractor. Contractor shall coordinate with Resident Project Representative for testing.

END OF SECTION

SECTION 02315
EXCAVATION, TRENCHING, AND BACKFILL FOR UTILITY SYSTEMS
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SECTION 02315
EXCAVATION, TRENCHING, AND BACKFILL FOR UTILITY SYSTEMS

PART 1. GENERAL

1.1 SCOPE

- A. Furnish all labor, materials, equipment and incidentals necessary to perform all excavation, trenching and back fill required to complete the work shown on the Drawings and specified herein. The work shall include, but is not limited to; excavation for manholes, vaults, electrical manholes, hand holes, conduits, cables, raceways and ducts and pipes; all backfilling, embankment and grading; disposal of waste and surplus materials; and all related work such as sheeting, bracing and dewatering.
- B. Obtain materials required for backfill, fill, or embankments in excess of that available on the site from other sources. Include all costs of obtaining off-site materials in the contract price.

1.2 RELATED WORK

- A. Section 02300 – Earthwork
- B. Section 02530 – Sanitary Sewer Collection System
- C. Section 02920 – Grassing

1.3 REFERENCES

- A. American Society for Testing and Materials.
- B. Federal Register (CFR) – 29 CFR Part 1926 Subpart P

1.4 TESTING SERVICES

- A. The Contractor shall obtain the service of a certified testing service to perform all compaction tests specified herein. The cost of these services shall part of the Testing Allowance.
- B. Soil testing shall be performed by an accredited testing laboratory selected by the Contractor and approved by the Owner in accordance with Section 01410. Tests shall be performed in accordance with applicable ASTM or AASHTO standard methods, unless otherwise specified.
- C. All materials to be used in the work shall be tested prior to the use to show conformance with the requirements of these specifications. Test reports shall be

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delivered to the Engineer in duplicate prior to use of any material in the work.

- D. Materials being used in the work, which have been tested previously, may be subjected to further tests from time to time and may be rejected if found defective. Rejected materials shall be removed from the project immediately, notwithstanding the results of former tests to which they have been subjected.
- E. Soil tests shall be performed on subgrades prior to the placement of fill or backfill materials. Tests shall also be performed immediately after the placement of each layer of fill or backfill materials to show conformance with the field density and optimum moisture requirements of these specifications. Not less than one set of tests shall be performed for every 800 sq. ft. of area for each layer. No additional layers shall be placed until the density of each layer has been approved.
- F. If the Engineer determines, based on tests reports and inspections, that subgrades or layers which have been placed are below the specified density, the Contractor shall provide additional compaction and testing at no additional expense to the Owner.

1.5 PROTECTION

- A. Sheeting and Bracing (see Section 02350)
 - 1. Furnish, put in place, and maintain such sheeting and bracing as may be required to support the sides of excavations, to prevent any movement which could in any way diminish the ridge of the excavation below that necessary for proper construction, and to protect adjacent structures from undermining or other damage. If the Engineer is of the opinion that at any points sufficient or proper supports have not been provided, he may order additional supports put in at the expense of the Contractor, and compliance with such order shall not relieve or release the Contractor from his responsibility for the sufficiency of such supports. Care shall be taken to prevent voids outside of the sheeting, but if voids are formed, they shall be immediately filled and rammed. Where soil cannot be properly compacted to fill a void, lean concrete shall be used as backfill at no additional expense to the Owner. Sheeting and Bracing requirements are further defined in OSHA Standards, Subpart P, Part 1926 of the Code of Federal Regulations.
 - 2. The Contractor shall construct the sheeting outside the neat lines of the foundation unless indicated otherwise to the extent he deems it desirable for his method of operation. Sheeting shall be plumb and securely braced and tied in position. Sheeting and bracing shall be adequate to withstand all pressures to which the trench will be subjected. Any movement or bulging which may occur shall be corrected by the Contractor at his own expense so as to provide the necessary clearances and dimensions.
 - 3. Where sheeting and bracing is required to support the sides of excavations,

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the Contractor shall engage a Professional Engineer, registered in the State of Georgia, to design the sheeting and bracing. The sheeting and bracing installed shall be in conformity with the design, and certification of this shall be provided by the Professional Engineer.

4. The Contractor shall leave in place to be embedded in the backfill all sheeting and bracing not shown on the Drawings but which the Engineer may direct him in writing to leave in place at any time during the progress of the work for the purpose of preventing injury to structures, utilities, or property, whether public or private. The Engineer may direct that timber used for sheeting and bracing be cut off at any specified elevation. The contractor will be paid for such sheeting directed by the Engineer to be left in place in accordance with the General Conditions. All timber sheeting to be left in place shall be treated.
5. All sheeting and bracing not left in place shall be carefully removed in such manner as not to disturb utilities, or property. All voids left or caused by withdrawal of sheeting shall be immediately refilled with sand by ramming with tools especially adapted to that purpose, or otherwise as acceptable to Engineer and Owner.
6. The right of the Engineer to order sheeting and bracing left in place shall not be construed as creating any obligation on his part to issue such orders, and his failure to exercise his right to do so shall not relieve the Contractor from liability for damages to persons or property occurring from or upon the work on the part of the Contractor to leave in place sufficient sheeting and bracing to prevent any caving or moving of the ground.
7. No sheeting is to be withdrawn if driven below mid-diameter of any pipe, and under no circumstances shall any sheeting be cut off at a level lower than 1 ft above the top of any pipe. The cost of said sheeting shall be part of the base bid.

B. Dewatering and Drainage

1. The Contractor shall at all times during construction provide and maintain proper equipment and facilities to remove all water entering excavations, and shall keep such excavations dry so as to obtain a satisfactory undisturbed sub-grade foundation condition until the fills, structures or pipes to be built thereon have been completed to such extent that they will not be floated or otherwise damaged by allowing water levels to return to natural levels. The Contractor shall engage a Geotechnical Engineer, Registered in the State of Georgia where required, to design the dewatering system. The Contractor shall submit to the Engineer for review the design of the dewatering systems prior to commencing work.

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2. The Contractor shall furnish, install, maintain, operate and remove a temporary dewatering system consisting of trenches, sump pits, deep wells, well points, or other methods as required to lower and control the groundwater level so that the pipes may be installed in the dry. The Contractor shall assume full responsibility for the design and installation of an adequate dewatering system. The Contractor shall, at his own expense, correct all damage resulting from inadequacy of the dewatering system or from flooding of the construction site from other causes.
3. The Contractor shall maintain the water level below the excavated area for the various phases of the work continuously and shall make such provisions as may be necessary to avoid interruptions due to weather, labor strikes, power failures, or other delays. He shall provide and have ready for immediate use at all times diesel or gasoline powered standby pumping units to serve the system in case of failure of the normal pumping units.
4. Piping and boiling, or any form of uncontrolled seepage, in the bottom or sides of the excavation shall be prevented at all times. If for any reason the dewatering system is found to be inadequate to meet the requirements set forth herein, the Contractor shall at his own expense make such additions, changes and/or replacements as necessary to provide a satisfactory dewatering system.
5. Dewatering shall at all times be conducted in such a manner as to preserve the undisturbed bearing capacity of the sub-grade soils at proposed bottom of excavation. Well or sump installations shall be constructed with proper sand filters to prevent drawing of finer grained soil from the surrounding ground.
6. Water entering the excavation from surface runoff shall be collected in shallow ditches around the perimeter of the excavation, drained to sumps, and pumped from the excavation to maintain a bottom free from standing water.
7. The Contractor shall take all additional precautions to prevent uplift during construction. The Contractor shall maintain the groundwater level below the pipe, so flotation is prevented.
8. Drainage water shall be disposed of through a desilting basin which will prevent the discharge of sediment into any surface waters or existing drains, and to prevent flow or seepage back into the excavated area.
9. Flotation shall be prevented by the Contractor by maintaining a positive and continuous operation of the dewatering system. The Contractor shall be fully responsible and liable for all damages which may result from failure of this system.

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10. Removal of dewatering equipment shall be required; the material and equipment constituting the system, shall be removed by the Contractor.
11. The Contractor shall take all necessary precautions to preclude the accidental discharge of fuel, oil, etc. in order to prevent adverse effects on groundwater quality.

C. Culverts and Ditches

1. Protect drainage culverts from damage. If damaged, restore to satisfactory condition at no cost to the Owner.
2. If it is necessary to remove a culvert, do not replace until the proposed pipeline is installed and trench backfilled and compacted to the subgrade of the culvert. Replace culverts to the line and grade established by the Owner.
3. Backfill minor drainage ditches so that the upper one foot of material between ditch banks is topsoil, loam, or clay.
4. Compact this material for the full ditch width to a minimum of 95% of maximum density as determined by ASTM D 1557.
5. Ditches steeper than 2:1 slope shall be protected and reinforced with a synthetic fiber or grid material. Contractor has the option not to use reinforcement for slopes 2:1 or flatter. Correct any ditch erosion occurring as a result of pipeline construction at no cost to the Owner.

D. Water, Gas, Telephone, Power, Cable

1. Protect all other utilities from damage. Notify utility owner prior to start of excavation. If, during the work the utility is damaged, notify the utility company and the Owner immediately. Do not attempt to repair or replace damaged utilities unless so directed by the utility company and approved by the Engineer. Payment for restoration of damaged utilities shall be the Contractor's responsibility.

1.6 JOB CONDITIONS

A. Soils

1. The contractor shall examine the site and review the available test borings or undertake his own soil borings prior to submitting his bid, taking into consideration all conditions that may affect his work. The Owner and Engineer will not assume responsibility for variations of subsoil quality or conditions at locations other than places shown and at the time the investigation was made. The Contractor shall accept the site in its existing

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condition and shall assume the risk of encountering whatever materials as may occur. Refer also to the paragraph of Differing Site Conditions, in the Supplementary Conditions. Soil borings, if furnished, are indicative of the soils encountered at the particular location of the borings at the time the borings were taken. The Contractor shall make his own determination of the soil structure and site conditions as it may affect the work.

B. Existing Utilities

1. CALL BEFORE YOU DIG – At least (3) days prior to beginning any work, the Contractor shall request a field locate of existing underground utilities in the work area through Georgia's Utility Protection Center, by calling 811 or 1-800-282-7411. If utilities are to remain in place, provide adequate means of protection during earthwork operations.
2. Should uncharted, or incorrectly charted, piping appear in the excavation, consult the Engineer and the Owner of such piping or utility immediately for directions.
3. Cooperate with Owner and utility companies in keeping respective services and facilities in operation. Repair damaged utilities to satisfaction of utility owner.
4. Demolish and completely remove from site existing underground utilities indicated on the Drawings to be removed.

C. Protection of Persons and Property

1. Barricade open excavations occurring as part of this work and post with warning lights. Operate warning lights as recommended by authorities having jurisdiction.
2. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout and other hazards created by earthwork operations.

1.7 SUBMITTALS

- A. Submit to the Engineer for review in accordance with Section 01300 the proposed methods of construction, including dewatering, excavation, filling, compaction, and backfilling for the various portions of the work. Review shall be for method only. The Contractor shall remain responsible for the adequacy and safety of the methods.
- B. Submit to the Engineer for review in accordance with Section 01300 representative samples of each type of proposed fill material weighing approximately 50 lbs at least 15 days prior to the date of anticipated use of such material.

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PART 2. PRODUCTS

2.1 MATERIALS

- A. Backfill materials shall be natural or processed mineral soils, blasted and crushed rock, or masonry rubble. Fill materials shall be free of all organic material, trash, snow, ice, frozen soil or other objectionable materials. Clay soils having a natural in-place water content in excess of 30 percent are considered unsuitable for stockpiling and/or future use. Fill materials to be used have been classified under categories specified below.
- B. Embedment materials listed here include a number of processed materials plus the soil types defined by the USCS Soil Classification Systems in ASTM D2487. These materials are grouped into categories according to their suitability for this application:
1. Class I: Angular 6 to 40 mm (1/4 to 1-1/2 inches), graded stone including a number of fill materials that have regional significance such as coral, slag, cinders, crushed stone, and crushed shells.
 2. Class II: Coarse sands and gravels with maximum particle size of 40 mm (1-1/2 inches), including variously graded sands and gravels containing small percentages of fines, generally granular and non-cohesive, either wet or dry. Soil types GW, GP, SW and SP are included in this class.
 3. Class III: Fine sand and clayey gravels, including fine sands, sand-clay mixtures, and gravel-clay mixtures. Soil types GM, GC, SM and SC are included in this class.
 4. Class IV: Silt, silty clays and clays including inorganic clays and silts of medium to high plasticity and liquid limits. Soil types MH, CH and CL are included in this class. These materials are not to be used for bedding, haunching or initial backfill.
 5. Class V: This class includes the organic soils OL, OH and PT as well as soils containing frozen earth, debris, rocks larger than 40 mm (1-1/2 inches) in diameter, and other foreign materials. These materials shall not be used for bedding, haunching and initial backfill.
- C. Granular Fill shall be sound, hard, durable crushed stone meeting the following gradation requirements and shall conform to ASTM C33, Size No. 57.

<u>Sieve Size</u>	<u>Percent Passing by Weight</u>
1-1/2-in	100
1-in	90-100
1/2-in	26-60

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No. 4	0-7
No. 8	0-3

- D. Riprap shall be sound, durable rock which is roughly rectangular shape and of suitable quality to ensure permanence in the condition in which it is to be used. Rounded stones, boulders, sandstone or similar soft stone will not be acceptable. Material shall be free from overburden, spoil, shale, and organic material. Each load of riprap shall be reasonably well graded from the smallest to the maximum size specified and shall conform to State of Georgia Department of Transportation Specifications. Riprap shall consist of a durable field or quarry stone shaped roughly as rectangular blocks. Riprap shall weigh between 50-100 lbs. each with at least 60 percent weighing over 100 lbs. and no more than 10 percent shall weigh 50 lbs. or Less. One dimension of each exposed riprap shall be not less than 12-in. The joints in the riprap shall be filled with spalls of suitable size to construct a solid, stable slope, free from large voids and defects.
- E. Sand shall conform to ASTM Standard C33 for concrete sand.

PART 3. EXECUTION

3.1 EXCAVATION

- A. It is the responsibility of those performing excavation and trenching to conform to all State and Federal Laws and Regulations, and local ordinances relation to safety life, health and property including but not limited to OSHA regulations, 29 CFR PART 1926, Subpart P, Paragraph 1926.650 through 1926.652 during all excavations and trenching. All excavations shall be adequately guarded with barricades and light in compliance with all OSHA and Georgia Department of Transportation requirements so as to protect the public from hazard. Excavations adjacent to existing or proposed buildings and structures or in paved streets or alleys shall be sheeted, shored and braced adequately to prevent undermining or subsequent settlement of such structures or pavements. Underpinning of adjacent structures shall be done when necessary to maintain structures in safe condition.
- B. The Contractor shall proceed with caution in the excavation and preparation of the trench so that the exact location of underground structures in the trench zone may be determined before being damaged. He shall be held responsible for the repair or replacement of such structures when broken or otherwise damaged because of his operations.
- C. The Contractor shall make explorations and excavations at no additional charge to the Owner to determine the location of existing underground structures.
- D. Utilities and other piping shall be laid in open trenches as shown and specified. Trenches shall be excavated to the designated lines and grades, beginning at the outlet end and progressing toward the upper end in each case. Trenches for pipe

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shall be shaped to the lower 1/3 of the pipe and provide uniform and continuous bearing. Bell holes shall be dug to allow ample room for working fully around each joint.

- E. Trenches shall be of minimum width to provide ample working space for making joints and shall be not less than the outside diameter plus 8-inches or more than the outside pipe diameter plus 24-inches. Sides of trenches shall be closely vertical to top of pipe and shall be sheet piled and braced where soil is of an unstable nature. Above the top of the pipe, trenches may be sloped. The ridge of the trench above this level may be wider for sheeting and bracing and the performance of the work.
- F. Trenches shall be excavated on the alignments shown on the Plans, and to the depth and grade necessary to accommodate the pipes at the elevations shown. Where elevations of the invert or centerline of a pipe are shown at the ends of a pipe, the pipe shall be installed at a continuous grade between the two elevations.
- G. Excavation in excess of the depth required for proper shaping shall be corrected by bringing to grade the invert of the ditch with compacted coarse, granular material at no additional expense to the Owner. Bell holes shall be excavated to relieve bell of all load, but small enough to ensure that support is provided throughout the length of the pipe barrel.
- H. Excavation in excess of the depths required for manholes and other structures shall be corrected by placing a subfoundation of #57 Stone or 1500 psi concrete, at no additional expense of the Owner.
- I. If trenches are excavated to widths in excess of those specified, or if the trench walls collapse, the pipe shall be laid in accordance with the next better class of bedding at the expense of the Contractor.

3.2 TRENCHES

- A. Trenches shall be maintained in a safe condition to prevent hazardous conditions to persons working in or around the trench. It is the responsibility of those performing excavation and trenching to conform to all State and Federal Laws and Regulations, and local ordinances relating to safety life, health and property including but not limited to OSHA regulations, 29 CFR PART 1926, Subpart P, Paragraph 1926.650 through 1926.652 during all excavations and trenching. All excavations shall be adequately guarded with barricades and light in compliance with all OSHA and Georgia Department of Transportation requirements so as to protect the public from hazard. Excavations adjacent to existing or proposed buildings and structures or in paved streets or alleys shall be sheeted, shored and braced adequately to prevent undermining or subsequent settlement of such structures or pavements. Underpinning of adjacent structures shall be done when necessary to maintain structures in safe condition.

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- B. The top portion of the trench may be excavated with sloping or vertical sides to any width which will not cause damage to adjoining structures, roadways, utilities, etc. The bottom of the trenches shall be graded to provide uniform bearing and support each section of the pipe on undisturbed soil every point along its entire length, except for the portions of the pipe sections excavated for bell holes and for the sealing of pipe joints. Bell holes and depressions for joints shall be dug after the trench bottom has been graded and in order that the pipe rests upon the trench bottom for its full length and shall be only of such length, depth and width for making the particular type of joints. The bottom of the trench shall be rounded so that at least the bottom one-third of the pipe shall rest on undisturbed earth for the full length of the barrel as jointing operations will permit. This part of the excavation shall be done manually only a few feet in advance of the pipe laying by workmen skilled in this type of work.
- C. The sides of all trenches and excavation for structures shall be held by stay bracing, or by skeleton or solid sheeting and bracing according to conditions encountered, to protect the excavation, adjoining property and for the safety of personnel. Bracing and shoring may be removed when the level of the backfilling has reached the elevation to protect the pipe work and adjacent property. When sheeting or shoring above this level cannot be safely removed, it may be left in place. Timber left in place shall be cut off at least 2 feet below the surface. No sheeting below the level of the top of the pipe may be removed.
- D. Trenches shall be kept free of water. No structure shall be built, or pipe shall be laid in water, and water shall not be allowed to flow over or rise upon any concrete, masonry or pipe until the same has been inspected and the concrete or joint materials has thoroughly set. All water pumped, bailed or otherwise removed from the trench or other excavation shall be conveyed in a proper manner to a suitable place of discharge where it will not cause injury to the public health or to public or private property or to work completed or in progress, or to the surface of the streets or cause any interference with the use of same by the public.

3.3 PILING EXCAVATED MATERIALS

- A. All excavated material shall be piled in a manner that will not endanger the work and that will avoid obstructing roadways.

3.4 LIMIT TO LENGTH OF OPEN TRENCH

- A. Pipe trenches shall not be excavated more than 400 feet in advance of pipe laying and all work shall be performed to cause the least possible inconvenience to the public. Adequate temporary bridges or crossings shall be constructed and maintained where required to permit uninterrupted vehicular and pedestrian traffic.

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3.5 REMOVAL OF UNSUITABLE MATERIAL

- A. Should overdepth excavation be necessary to remove unsuitable material and to replace with satisfactory material, the Contractor will be paid for this work in accordance with Section 01025 for removal and replacement of unsuitable material, based on the following requirements:
1. When the trench is excavated to the plan depth or as required by these Specifications, and soft or other material not suitable for bedding purposes is encountered in the trench, the Contractor shall immediately notify the Engineer for inspection and measurement of the unsuitable material to be removed.
 2. No overdepth excavation or backfilling of the overdepth excavated trench shall start until proper measurements of the trench have been taken by the Engineer for the determination of the quantity in cubic yards of unsuitable material excavated. Backfill material and backfilling shall conform to the requirements specified in 3.08 below.
 3. No payment will be made for any overdepth excavation of soft unstable material due to the failure of the Contractor to provide adequate means to keep the trench dry.
 4. No payment will be made for any overdepth excavation of the unsuitable material and replacement not inspected and measured by the Engineer prior to excavation.

3.6 BEDDING AND HAUNCHING OF GRAVITY SEWER PIPE

- A. Bedding for PVC gravity sewer pipe shall be in accordance with ASTM D 2321, as amended to date, the manufacturer's recommendations and these specifications. All gravity sewer pipes (including service lines) shall have a minimum Type 5 bedding for PVC pipe and Type 4 for ductile iron pipe, but where designated in the Drawings and Specifications, Type 2, or 3 may be required. Type 1 embedment is not permitted without approval of the Engineer. Bedding material shall be included in the unit price bid for the work in which it pertains.

Bedding for CAP gravity sewer pipe shall be in accordance with ASTM B 788, as amended to date, the manufacturer's recommendations, and these specifications. All gravity sewer pipes shall have a minimum Type 3 bedding for corrugated aluminum pipe.

1. Type 1 - Flat Bottom Trench. Flat bottom trench on undisturbed earth with excavation for Bells. General backfill shall be as specified in Paragraph 3.08 Backfilling.

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2. Type 2 - Flat Bottom Trench. Flat Bottom Trench on undisturbed earth with excavation for Bells. Select backfill shall be placed and lightly tamped to the top of the pipe. Select and General backfill shall be as specified in Paragraph 3.08 Backfilling.
3. Type 3 - Loose Soil Bedding. Pipe bedded in Select Material to a depth of $\frac{1}{4}$ outside pipe diameter or 4-inch minimum, whichever is greater on a flat bottom trench. Select backfill shall be placed and lightly consolidated to a level of 6-inches minimum over the top of the pipe. Select and general Backfill shall be as specified in paragraph 3.8 Backfilling.
4. Type 4 - Granular Bedding. Pipe bedded in granular material to a depth of 8-inches of granular material for pipes with an inside diameter of 21-inches or less, or 12-inches of granular material for pipes with an inside diameter of 24-inches or greater, on a flat trench bottom. The bedding material shall be placed under the haunches of the pipe with a shovel or other suitable tool to a height of $\frac{1}{4}$ outside pipe diameter of the pipe. The initial select backfill shall be hand placed to a level of 12-inches minimum over the top of the pipe and shall consist of finely divided select materials free from debris, organic material and large rocks and stones. It shall be placed and tamped in layers not over 6-inches thick to at least 90% Standard Proctor, AASHTO T-99 (95% under road crossings).
5. Type 5 - Granular Bedding. Pipe bedded in granular material to a depth of 8-inches of granular material for pipes with an inside diameter of 21-inches or less, or 12-inches of granular material for pipes with an inside diameter of 24-inches or greater, on a flat trench bottom. The bedding material shall be placed under the haunches of the pipe with a shovel or other suitable tool to a height of $\frac{1}{2}$ outside pipe diameter of the pipe. The initial select backfill shall be hand placed to a level of 12-inches minimum over the top of the pipe and shall consist of finely divided select materials free from debris, organic material and large rocks and stones. It shall be placed and tamped in layers not over 6-inches thick to at least 95% Standard Proctor, AASHTO T-99.
6. Type 6 -Granular Bedding. Pipe bedded in granular material to a depth of 8-inches of granular material for pipes with an inside diameter of 21-inches or less, or 12-inches of granular material for pipes with an inside diameter of 24-inches or greater, on a flat trench bottom. The bedding material shall be placed under the haunches of the pipe with a shovel or other suitable tool to a height of 6-inches above the crown of the pipe. The initial select backfill shall be hand placed to a level of 6-inches minimum over the top of the pipe and shall consist of finely divided select materials free from debris, organic material and large rocks and stones. It shall be placed and tamped in layers not over 6-inches thick to at least 95% Standard Proctor, AASHTO T-99. Type 6 bedding is required for all PVC

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pipe installations with cover to the invert of 14-feet or greater or as otherwise designated on the Drawings.

- B. Class I materials defined in Paragraph 2.1 shall be used for bedding and haunching for both PVC and DI pipe as shown on the Drawings. Class II, III, IV, and V materials will not be permitted for bedding and haunching under any conditions. Embedment material around the pipe shall be installed with care to ensure that sufficient material has been worked under the haunch of the pipe to provide adequate side support. Precautions must be taken to prevent movement of the pipe while placing the bedding and backfill material.
- C. Bell holes shall be provided in all classes of bedding to relieve pipe bells of all loads, but small enough to ensure that support is provided throughout the length of the pipe barrel.
- D. Avoid contact between the pipe and compaction equipment. Compaction of haunching, initial backfill and general backfill material shall be done in such a way so that compaction equipment will not have a damaging effect on the pipe.
- E. If the trench is excavated in excess of those dimensions detailed on the Drawings or to depths greater than shown on the Drawings, or if the trench walls collapse, pipe shall be laid in accordance with the requirements for at least the next better class of bedding or as directed by the Engineer at the expense of the Contractor.
- F. The trench depth shall be as shown on the Plans. If a trench depth is not shown, then the trench depth shall be the minimum depth of cover as required by the pipe manufacturer.
- G. These requirements are also required for existing gravity pipes (sewer, storm, etc.) that we excavated for crossings or other reasons.

3.7 BEDDING OF PRESSURE PIPE

- A. All pipe for water lines and forcemains shall be laid on foundations prepared in accordance with ANSI/AWWA C600 for ductile iron pipe and AWSI/AWWA C605 for PVC Pipe as modified herein, and in accordance with the various classes of bedding required by the trench width and trench depth for the size of pipe to be laid. The minimum bedding allowed will be Type 3 for both PVC and Ductile Iron Pipe. Bedding shall be included in the appropriate unit price bid for the work in which it pertains. Blocking shall not be used to bring the pipe to grade.
- B. Bell Holes: Bell holes shall be provided in all classes of bedding to relieve pipe bells of all load, but small enough to ensure that support is provided throughout the length of the pipe barrel.
- C. Class I materials as defined in Paragraph 2.1 shall be used for bedding and haunching for both PVC and D.I. waterlines and forcemains when rock is

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encountered, over excavation occurs or subgrade stabilization is required. A minimum of 6" of granular crushed stone shall be used as bedding.

- D. Overwidth Excavation: If trenches are excavated to widths in excess of those specified or if trench walls collapse, pipe shall be laid in accordance with the requirements for at least the next better class of bedding at the expense of the Contractor.
- E. Borrow Backfill: Borrow backfill will be required if there is not sufficient suitable material available from other parts of the work to backfill the trenches. Borrow backfill from approved borrow pits shall be used. Only those soils in the borrow pits that meet the specified requirements for suitable material shall be used.
- F. Compaction of foundation, bedding, haunching and initial backfill shall extend to the trench wall.
- G. Embedment material in the area around the pipe shall be installed with care. Care shall be used to ensure that sufficient material has been worked under the haunch of the pipe to provide adequate side support. Precautions must be taken to prevent movement of the pipe during placing of the material through the pipe haunch.
- H. Avoid contact between the pipe and compaction equipment. Compaction of haunching, initial backfill and backfill material shall be done in such a way so that compaction equipment will not have a damaging effect on the pipe.
- I. The trench depth shall be as shown on the plans or as required to provide the minimum depth of cover as required by the pipe manufacturer.
- J. These requirements are also required for existing pressure pipes that are excavated for crossings or other reasons.

3.8 BACKFILLING

- A. Backfilling consists of placing suitable materials removed during the excavation into the excavated areas, placing embedment materials and compacting the same to a density equal to or greater than what exists before excavation or as specified herein.
- B. All backfill material shall be free of stones, concrete and clay lumps larger than 1/3 cubic foot. Roots, stumps and rubbish which will decompose will not be permitted in the backfill. Backfill material shall have its moisture content corrected, as may be necessary before being placed in the trench to bring the moisture content to approximately "optimum" for good compaction. Any rock, stone, concrete, clay lumps larger than 1/3 cubic foot in volume, rubbish and debris shall be removed from the site and disposed of by the Contractor in a lawful manner.

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- C. **Select Backfill:** Select backfill material shall be placed below, around each side, and over the top of the pipe in approximately horizontal layers not exceeding 6-inches in thickness to a minimum height of 6-inches above the pipe crown or greater as detailed herein and on the Drawings. This initial backfill shall be placed immediately after the pipes are laid and joints have been observed by the Engineer to anchor and protect the pipe from damage by subsequent backfill and ensure the uniform distribution of the loads over the top of the pipe. Select Material shall include Class I, II, III and other approved materials. If suitable select materials are not available from trench excavation, the Contractor will be required to obtain select materials elsewhere at no additional cost to the Owner. The Contractor shall backfill both sides of the pipe simultaneously to prevent side pressures and each layer shall be compacted thoroughly with mechanical tamping equipment in such manner as not to damage the pipe, pipe joints or shift the pipe alignment. Workmen shall not be permitted to walk over the pipe until at least 12 inches of compacted fill has been placed over the pipe. The Contractor shall not use water to obtain compaction except for adding water to the backfill material before placing in the trench to bring the moisture content to approximately "optimum" for good compaction.
- D. **General Backfilling:** After initial, select backfill material has been placed and tamped, the remainder of the trench may be backfilled with general excavated material, except that no rock, unless in small shattered fragments, will be permitted to be mixed with other backfill material.
1. **Backfilling under structures:** Backfilling under structures consists of placing sand and gravel or other select suitable materials excavated from the trench in the trench in 6 inch thick layers from a point 12 inches above the top of the pipe and mechanically tamped or compacted by rolling until the backfill density after compaction is equal to 98 percent of the maximum density obtainable at optimum moisture content as determined by the Standard Proctor Test (ASTM D698). No water shall be used to secure compaction except for adding water to the backfill material before placing in the trench to bring moisture content approximately "optimum" for good compaction. Each 6-inch-thick layer shall be mechanically tamped before additional backfill material is placed in the excavated area.
 2. **Street and Road Right – of – Way, Parking Areas, Yards and Other Traveled Areas:** Backfill materials consists of placing sand and gravel or other select suitable material excavated from the trench in uniform layers not exceeding six inches (6") in thickness, with each layer thoroughly compacted with heavy duty mechanical tampers ("Whacker" or equal) to a height of at least thirty six inches (36") or forty-eight inches (48") above the top of the pipe barrel.

The remainder of the ditch may be backfilled and tamped in the same manner or if the Contractor so elects, he may place backfill in layers not

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exceeding twelve inches (12”) and use wheel loading or heavy duty mechanical tamping equipment (“Hydra-Hammer” or equal). Pipe shall have at least thirty-six inches (36”) of cover before wheel loading and at least forty-eight inches (48”) of cover before using heavy duty tamping equipment (“Hydra-Hammer” or equal). The density of the backfilled material after compaction shall be equal to 95 percent of the maximum density obtainable at optimum moisture content as determined by the Standard Proctor Test (ASTM D698). Except in the upper 12 inches, water shall be added to backfill material only before being placed in the trench in order to bring the moisture content to approximately "optimum" for good compaction.

3. Other Area: In other areas, including woodland, fields, pastures and areas not open to vehicular travel, the remainder of the ditch may be backfilled by placing fill in ditch and “walking-in” with wheel loaded equipment. Backfill material may be windrowed and maintained in a suitable manner so as to concentrate and pond rainfall runoff over the trench. After sufficient settlement has been obtained, the Contractor shall complete surface dressing, remove surplus material and clean up in accordance with these Specifications. Wherever trenches have not been properly filled, or if settlement occurs, they shall be refilled, smoothed off and finally made to conform to the surface of the ground. Backfilling shall be carefully performed, and the original surface restored as specified herein. Surplus material shall be disposed of by the Contractor

3.9 PROTECTION OF WATER SUPPLY PIPES

- A. Horizontal Separation: Sewers and force mains shall be laid at least 10 feet horizontally from any existing or proposed watermain. The distance shall be measured edge to edge. In cases where it is not practical to maintain a 10 foot separation, such deviation may allow installation of the sewer or force main closer to the watermain, provided that the watermain is in a separate trench or on a undisturbed earth shelf located on the side of the sewer or force main and at an elevation so the bottom of the watermain is at least 18 inches above the top of the sewer or force main.
- B. Crossings: Sewers and force mains crossing water mains shall be laid to provide a minimum vertical distance of 18 inches between the outside of the watermain and the outside of the sewer or force main. This shall be the case where the watermain is either above or below the sewer or force main. The crossing shall be arranged so that the sewer or force main joints will be equidistant and as far as possible from the watermain joints. Where a watermain crosses under a sewer or force main, adequate structural support shall be provided for the sewer or force main to prevent damage to the watermain.
- C. Special Conditions: When it is impossible to obtain proper horizontal and vertical

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separation as stipulated above, the sewer or force main shall be designed and constructed equal to water pipe and shall be pressure tested to assure water tightness prior to backfilling.

3.10 UTILITY CONSTRUCTION IN OTHER EXCAVATION

- A. Where utilities are required to be constructed in areas also requiring excavation and backfill for other work, coordinate the work so that the parts come together properly and the construction of the various parts can be done without damage to other parts. Place bedding which will form bearing for pipes, using suitable material and shaping to the lower 1/3 of the pipe to provide uniform and continuous bearing. Compaction of backfill material which will form bearing shall be equal to that specified hereinbefore under "Backfilling".

3.11 TESTING

- A. General: The Contractor shall select a qualified independent testing laboratory for the purpose of identifying soils, checking densities, and classifying soils materials during construction. All testing will be paid for by the Contractor. Copies of all test results shall be furnished to the Engineer in duplicate.
- B. Moisture-Density Tests: Testing shall be in accordance with ASTM Methods D698 and D1557. A test shall be performed on each type of material used in the work regardless of source. Tests will be accompanied by particle-size analyses of the soils tested (ASTM Methods D421 and D422). Changes in color, gradation, plasticity or source of fill material will require the performance of additional tests. Copies of all test results shall be furnished to the Engineer.
- C. Field Density Tests: Tests shall be made in accordance with the Schedule in Section 01410.
- D. Submittals
1. The soils technicians will submit formal reports of all compaction tests and retests. The reports are to be furnished to the Owner and the Engineer as soon as possible upon completion of the required tests.
 2. This report information is to include but not be limited to the following:
 - a. Date of the test and date submitted.
 - b. Location of test.
 - c. Wet weight, moisture content and dry weight of field sample.
 - d. Description of soil.
 - e. Maximum dry density and moisture content of the lab sample which best matches the field sample in color, texture, grain size and maximum dry density.
 - f. Ratio of field dry density to maximum lab dry density expressed as

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a percentage.

- g. Comments concerning the field density passing or failing the specified compaction.
- h. Comments about recompaction if required.

E. Compaction Results

- 1. If any compaction tests reveal that fill or backfill is not compacted as specified, the Contractor shall scarify and recompact as required to achieve the specified density. Additional compaction tests shall be made to verify proper compaction. These additional tests required due to failure of the original test shall be paid for by the Contractor without reimbursement by the Owner.
- 2. The soils technician is to advise the Engineer and the Contractor's Superintendent immediately of any compaction tests failing to meet the specified minimum requirements. No additional lift is to be placed on a lift with any portion failing.

3.12 CONSTRUCTION ALONG HIGHWAYS, STREETS, AND ROADWAYS

- A. Excavation, Trenching and Backfilling Operations: Excavation, trenching and backfilling along highways, streets and roadways shall be in accordance with the applicable regulations of the State Department of Transportation with reference to construction operations, safety, traffic control, road maintenance and repair.
- B. Protection of Traffic: Provide suitable signs, barricades and lights for protection of traffic, in locations where traffic may be endangered by construction operations. All signs removed by reason of construction shall be replaced as soon as condition which necessitated such removal has been cleared. No highway, street or roadway shall be closed without first obtaining permission from the proper authorities.
- C. Construction Operations: The Contractor shall construct all work along highways, streets and roadways using the following sequence of construction operations, so as to least interfere with traffic:
 - 1. Stripping: Where the pipeline is laid along road shoulders, sod, topsoil and other material suitable for shoulder restoration shall be stripped and stockpiled for replacement.
 - 2. Trenching, Laying and Backfilling: Excavate trenches, install pipeline and backfill. The trench shall not be opened any further ahead of pipe laying operations than is necessary for proper laying operations. Trenches shall be progressively backfilled and consolidated and excess material removed immediately.
 - 3. Shaping: Immediately after completing backfilling operation, reshape any

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damage to cut and fill slopes, side ditch lines, and shall replace topsoil, sod and any other materials removed from shoulders.

- D. Excavated Material: Excavated material shall not be placed along highways, streets, and roadways in such manner as to obstruct traffic. Roadways and pavement will be maintained free of earth material and debris.
- E. Drainage Structures: All side ditches, culverts, cross drains and other drainage structures shall be kept clear of excavated material and be free to drain at all times.
- F. Maintaining Highways, Streets, Roadways and Driveways
 - 1. The Contractor shall furnish a road grader which shall be available for use at all times for maintaining highways, streets and roadways. All such streets, highways and roadways shall be maintained in suitable condition until completion and final acceptance of the work.
 - 2. Repair all driveways that are cut or damaged. Maintain them in suitable condition until completion and final acceptance of the work.

3.13 REMOVING AND RESETTING FENCES

- A. Where existing fences must be removed to permit construction, the Contractor shall remove such fences. As construction progresses, reset the fences in their original location and to their original condition. All costs of removing and re-setting fences and such temporary works as may be required shall be included in the prices for the utility line.

3.14 PROTECTING TREES, SHRUBBERY AND LAWNS

- A. Trees and shrubbery along trench lines shall not be disturbed unless absolutely necessary. Trees and shrubbery necessary to be removed shall be properly heeled-in and re-planted. Heeling-in and re-planting shall be done under the direction of an experienced nurseryman.
- B. Where utility trenches cross established lawns, sod shall be cut, removed, stacked and maintained in suitable condition until replaced. Topsoil underlying lawn areas shall likewise be removed and kept separate from general excavated materials. Removal and replacement of sod shall be done under the direction of an experienced nurseryman.

3.15 REMOVE AND REPLACE PAVEMENT

- A. Removing Pavement: Remove existing pavement as necessary for installing the pipeline and appurtenances.

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1. Marking: Before removing any pavement, mark the pavement neatly paralleling pipelines and existing street lines. Space the marks the width of the trench.
 2. Breaking: Break asphalt pavement along the marks using jack hammers or other suitable tools. Break concrete pavement along the marks by use of jack hammers or by scoring with a rotary saw and breaking below the score by the use of jack hammers or other suitable tools.
 3. Machine Pulling: Do not pull pavement with machines until completely broken and separated from pavement to remain.
 4. Damage to Adjacent pavement: Do not disturb or damage the adjacent pavement. If the adjacent pavement is disturbed or damaged, remove and replace the damaged pavement.
 5. Sidewalk: Remove and replace sidewalks disturbed by construction for their full width and to the nearest undisturbed joint.
 6. Curbs: Remove and replace or tunnel under any curb disturbed by construction to the nearest disturbed joint.
- B. Replacing Pavement: Upon Completion of backfilling and consolidation of the backfill, arrange to have the compaction tested by an independent testing laboratory approved by the Owner. After compaction testing has been satisfactory completed, replace all pavements, sidewalks and curbs removed. Gravel roads and drive shall meet the requirements for graded aggregate sub-base.
1. Materials: Place materials for pavement replacement to dimensions shown on the Drawings.
 - a. Graded Aggregate Sub-Base: Furnish graded aggregate sub-base in two sizes of such gradation that when combined in approximately equal quantities, the resulting mixture is well graded from coarse to fine, meeting the gradation requirement of Section 815 of the Georgia Department of Transportation Standard Specifications.
 - b. Black Base: The base for all paved roadways shall conform to the requirements of the Georgia Department of Transportation Specifications for the Black Base (Hot Mix). Use a Pug Mill Rotary Drum type mixer with minimum capacity of not less than 50 tons per hour for asphalt production. Apply and compact the base in two courses by asphalt spreader equipment of design and operation approved by the Owner. After compaction, the black base shall be smooth and true to established profiles and sections.

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- c. Surface Course: The surface course for all pavement, including paint or tack coats when required by the Owner, shall conform to the requirements of the Georgia Department of Transportation. Produce surface course in an asphalt plant of the same type as noted above for Black Base. Apply and compact the surface course in a manner approved by the Owner. Immediately correct any high, low or defective areas by cutting out the course, replacing with fresh hot mix, and immediately compacting to conform and thoroughly bond to the surrounding area.
 - d. Concrete: Provide concrete and reinforcing for concrete pavement in accordance with the requirement of Georgia Department of Transportation Specifications for Portland Cement Concrete Pavement, Section 430.
2. Supervision and Approval
- a. Pavement restoration shall meet the requirements of the regulatory agency responsible for the pavement. Obtain agency approval of pavement restorations before requesting final pavement.
 - b. Obtain the Owner's approval of restoration of pavement if it is not the responsibility of a regulatory agency (such as private roads and drives.)
 - c. Complete pavement restoration as soon as possible after backfilling.
3. Replacement: Prior to replacing pavement, make a final cut in concrete pavement 12-inches back from the edge of damaged pavement. Make the cut using a rotary saw. Remove asphalt pavement 9-inches back from the edge of damaged pavement. Make the cut using a rotary saw. Remove asphalt pavement 9-inches back from the edge of the damaged pavement using jack hammers or other suitable tools. Replace all street and roadway pavement as shown on the Drawings. Replace driveways, sidewalks, and curbs with the same material and to the same dimension as existing.
4. Failure of Pavement: Should any pavement restoration or repairs fail or settle during the work, promptly restore or repair defects.

3.16 WALKS, DRIVES, CONCRETE CURB AND GUTTER

- A. Walks and drives removed or damaged during the course of construction shall be replaced with Class "A" concrete at the same thickness as removed. They will be cut to a neat edge with a masonry saw after backfilling and compacting trench in 6-inch layers to a density not less than 98 percent at + 2 percent of optimum moisture content as determined by the Standard Proctor Test.

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- B. Concrete curb and gutter sections removed or damaged during the course of construction shall be replaced in full sections with concrete having a compressive strength of at least 3,000 psi at the same thickness as removed.

3.17 MEASUREMENT AND PAYMENT

- A. The work specified in this Section will not be measured for direct payment except those items specifically stated in this Section and for which bid prices are requested in the Bid Proposal.

END OF SECTION

**SECTION 02316
ROCK REMOVAL
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**SECTION 02316
ROCK REMOVAL**

PART 1. GENERAL

1.1 SCOPE OF WORK

- A. Removal of all rock materials discovered during excavation for the purpose of construction. Removal shall include drilling and/or blasting incidental thereto and disposal of excavated materials.
- B. When necessary for prosecution of the Work, the use of explosives to assist rock removal may be exercised by Contractor provided this use is in compliance with all local, State, Federal and other Governmental regulations applying to transportation, storage, use and control of explosives.

1.2 RELATED WORK

- A. Section 02300 – Earthwork
- B. Section 02315 – Excavation, Trenching and Backfill for Utility Systems

1.3 REFERENCES

- A. NFPA 495 – Code for the manufacture, Transportation, Storage, and Use of Explosive Materials.
- B. OSHA 2207 – Construction Industry Standards, Subpart T – Demolition.

1.4 QUALITY ASSURANCE

- A. Explosives Firm – Company specializing in explosives for disintegration of subsurface rock with documented experience.

1.5 REGULATORY REQUIREMENTS

- A. Conform to applicable code for explosive disintegration of rock.
- B. Obtain permits from authorities having jurisdiction before explosives are brought to site or drilling is started.
- C. All explosives shall be stored securely in compliance with all laws and ordinances, and all such storage places shall be clearly marked DANGEROUS EXPLOSIVES. Blasting caps, electric blasting caps, detonating primers, and primed cartridges shall not be stored in the same magazine with other explosives or blasting agents. Locked storage shall be provided satisfactory to the Engineer, never closer than 1,000 feet

from any road, building, or camping area.

PART 2. PRODUCTS

2.1 MATERIALS

- A. Rock (Definition) – Solid mineral material with a volume in excess of ½ cubic yard that cannot be broken down and removed by use of heavy construction equipment, such as a Caterpillar 313F, 92 hp or equivalent, equipped with single tooth hydraulic ripper, ¾ cubic yard capacity power shovel, rooters, etc., and without drilling or blasting. Materials which can be loosened with a pick, hard pan, boulders less than ½ cubic yard in volume, chert, clay, soft shale, soft and disintegrated rock and any similar material shall not be considered as rock. (All materials to be considered unclassified or common excavation).
- B. Explosives – Shall be suitable for intended purposes at the Contractor's option subject to review by Owner and Engineer.
- C. Delay Devices – Type recommended by explosives firm to be used as accessory to explosives. Subject to review by Engineer.
- D. Blasting Mat – When the use of explosives are required to perform the Work, Contractor shall use blasting mats or similar products to eliminate or lessen the danger of projectiles occasionally resultant from blasting of rock.

PART 3. EXECUTION

3.1 INSPECTION

- A. Contractor shall verify site conditions and note irregularities affecting work of this Section prior to performing any operations involving explosives. Contractor shall submit to Owner for a review a detailed plan for using explosives to include, but not limited to:
 - 1. Sequence of Work
 - 2. Equipment
 - 3. Protection to be provided for existing structures to remain
 - 4. Personnel
 - a. Training
 - b. Previous experience with the use of explosives in similar situation
- B. Beginning work of this Section means acceptance of existing condition.

- C. Rock in utility trenches shall be excavated over the horizontal limits of excavation and to depths as follows:

Size of Pipeline (Inches)	Depth of Excavation Below Bottom of Pipe (Inches)
Less than 4	6
4 to 6	8
Over 8	12

Space below grade for pipe shall then be backfilled with No. 57 Stone and smaller crushed rock or gravel or other approved materials and tamped to proper grade. No. 57 stone shall be ASTM C33 and No. 67 stone shall be ASTM D448.

3.2 ROCK REMOVAL – MECHANICAL METHOD

- A. Excavate for and remove rock by the mechanical method.
- B. Where pipes are constructed on concrete cradles, rock shall be excavated to bottom of cradle as shown on plans.
- C. Where rock foundation is obtained at grade for over 50 percent of area of any one structure, the portion of foundation that is not rock shall be excavated below grade to reach a satisfactory foundation of rock. The portion below grade shall be backfilled with Class C concrete.
- D. Where rock foundation is obtained at grade for less than fifty (50%) of any one structure and satisfactory rock cannot be found over the remaining area by reasonable additional excavation, the rock shall be removed for a depth of twelve (12) inches below grade and the space below grade shall be backfilled with crushed stone as specified for pipelines.
- E. Rock excavation near existing pipelines or other structures shall be conducted with utmost care to avoid damage. Injury or damage to other structures and properties shall be promptly repaired to the satisfaction of Owner and by Contractor at his own expense.
- F. Rock excavation for all structures and adjacent trenches under this contract and any other rock excavation directed by Owner shall be completed before construction of any structure is started in the vicinity.
- G. Remove excavated material from site.
- H. Contractor shall correct unauthorized rock removal by backfill to grade with Class C concrete in accordance with backfilling and compaction requirements of Section 02300 - Earthwork and Section 02315 – Excavation, Trenching, and Backfill for Utility Systems at his own expense.

3.3 ROCK REMOVAL – EXPLOSIVES METHODS

- A. If rock is uncovered requiring the explosives method for rock disintegration and removal, the Engineer shall be notified immediately so that the surface can be examined. Blasting will not be permitted unless written authorization is given by Engineer. (All materials removed shall be considered common excavation).
- B. The Contractor shall notify any owners of adjacent buildings or structures, and any public utility owners having structures or other installations above or below ground, in writing prior to use of explosives. Such notice shall be given sufficiently in advance so that they may take such steps as they may deem necessary to protect their property from injury and/or damage.
- C. Rock excavation by use of explosives shall be conducted with due regard for safety of persons and property in the vicinity and in strict conformance with requirements of local, State and Federal ordinance, laws and regulations governing the use of explosives.
- D. Blasting shall be conducted so as not to endanger persons or property, and whenever required, the blast shall be covered with mats or otherwise satisfactorily confined. The contractor shall be held responsible for and shall make good any damage caused by blasting or accidental explosions.
- E. The Contractor shall permit only authorized and qualified persons to handle and use explosives.
- F. Smoking, firearms, matches, open flame lamps, and other fires, flame or heat producing devices and sparks shall be prohibited in or near explosive magazines or while explosives are being handled, transported or used.
- G. No person shall be allowed to handle or use explosives while under the influence of intoxicating liquors, narcotics, or other dangerous drugs.
- H. All explosives shall be accounted for at all times. Explosives not being used shall be kept in a locked magazine, unavailable to persons not authorized to handle them. The Contractor shall maintain an inventory and use record of all explosives. Appropriate authorities shall be notified of any loss, theft, or unauthorized entry into a magazine.
- I. No explosives or blasting agents shall be abandoned.
- J. Contractor's employees authorized to prepare explosive charges or conduct blasting operations shall use every reasonable precaution including, but not limited to, visual and audible warning signals. Flags or barricades, to ensure safety.
- K. It shall be contractor's responsibility to incorporate the use of seismic monitoring

should rock excavation, by use of explosives, occur within 150 feet of any residential structure and within 300 feet of any miscellaneous structure. Blasting conducted near dams or bridge foundations shall incorporate the use of a seismic monitor should such blasting occur within 25 feet of said dam and/or bridge foundation. Contractor shall maintain all seismic records and blasting logs to be furnished to Engineer upon request.

- L. Disintegrate rock and remove from excavation.
- M. Cut away rock at excavation bottom for form level bearing.
- N. Remove shaled layers to provide sound and unshattered base for pipe foundations.
- O. Remove excavated material from site.
- P. Correct unauthorized rock removal or overbreak in accordance with backfilling and compaction requirements at his expense.

3.4 FIELD QUALITY CONTROL

- A. Provide for visual inspection of bearing surfaces and cavities formed by removed rock for inspection by Engineer or his representative prior to laying of pipe.

END OF SECTION

SECTION 02350
SHEETING, SHORING, AND BRACING
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SECTION 02350
SHEETING, SHORING, AND BRACING

PART 1. GENERAL

1.1 SCOPE

- A. This section specifies requirements for sheeting, shoring, and bracing of trenches and excavations greater than 5 feet in depth. Where sheet piling, shoring, sheeting, bracing or other supports are necessary, they shall be furnished, placed, maintained, and except as shown or specified otherwise, removed by the Contractor.

1.2 DESIGN REQUIREMENTS

- A. The design, planning, installation and removal, if required, of all sheeting, shoring, sheet piling, lagging, and bracing shall be accomplished in such a manner as to maintain the required excavation or trench section and to maintain the undisturbed state of the soils below and adjacent to the excavation.
- B. The Contractor shall design sheeting, shoring, and bracing in accordance with the OSHA Safety and Health Standards as well as state and local requirements.
- C. Horizontal strutting below the barrel of a pipe and the use of pipe as support are not acceptable.
- D. When the construction sequence of structures requires the transfer of bracing to the completed portions of any new structure or to any existing structure, the Contractor shall provide the Engineer with a complete design analysis of the expected impact of that bracing on the structure. This action shall in no way absolve the Contractor of responsibility of damage resulting from said bracing.

1.3 REFERENCES

- A. OSHA 2207 Revised 1987 – OSHA Safety and Health Standards

1.4 SUBMITTALS

- A. Prior to starting any excavation work requiring sheeting, shoring, and bracing, the Contractor shall submit his plans for trench and excavation support systems to the Engineer for review and comment. No excavations shall be started until the Contractor has obtained written acceptance of the trench support system. Said acceptance will be to assure the Owner of the Contractor's general compliance with the required codes and shall not be construed as a detailed analysis for adequacy of the support system, nor shall any provisions of the above requirements be construed as relieving the Contractor of his overall responsibility and liability for the work. Submittals shall include the following:

1. Design calculations and method of installation and removal of all sheeting, sheet piling, shoring and bracing. Calculations shall be made by a professional structural or civil engineer in the state of the project.
2. Detailed excavation support drawings.

PART 2. EXECUTION

2.1 GENERAL

- A. Contractor shall be responsible for supporting and maintaining all excavations required even to the extent of sheeting and shoring the sides and ends of excavations with timber or other supports. If the sheeting, braces, shores, and stringers or walling timbers or other supports are not properly placed or are insufficient, the Contractor shall provide additional or stronger supports. The requirement of sheeting or shoring or the addition of supports shall not relieve the Contractor of his responsibility for their sufficiency. All sheeting, shoring and bracing shall have sufficient strength and rigidity to withstand the pressure exerted and to conform to OSHA Safety & Health Standard (29 CFR 1926/1910) OSHA 2207, latest edition.
- B. Excavations adjacent to existing or proposed buildings and structures or in paved streets or alleys shall be sheeted, shored and braced adequately to prevent undermining beneath or subsequent settlement of such structures or pavements. Underpinning of adjacent structures shall be done when necessary to maintain structures in safe condition. The Contractor shall be held liable for any damage resulting to such structures or pavements as a result of his operations.
- C. Trench sheeting shall be left in place until the backfilling has been completed to elevation not less than twelve (12) inches above the top of the pipe. Unless otherwise ordered in writing, sheeting shall then be cut off at the top of the lowest set of bracing and the upper section shall be removed. All voids left by sheeting along trenches shall be carefully refilled and rammed with suitable tools.
- D. In unstable ground, sheeting shall be driven to such depth below bottom of the trench or side of the excavation as required ensuring stability.
- E. The need and adequacy of sheeting, shoring, bracing, or other provisions to protect men and equipment in a trench or other excavation shall be the sole and exclusive responsibility of Contractor.
- F. Underpin adjacent structures, which may be damaged by excavation work, including service utilities and pipe chases.
- G. Notify Engineer of unexpected subsurface conditions and discontinue work in affected area until notification to resume work.

SECTION 02350-4
SHEETING, SHORING, AND BRACING

- H. Protect bottom of excavations and soil adjacent to and beneath foundations from frost.
- I. Grade top perimeter of excavation to prevent surface water run-off into excavation.

END OF SECTION

SECTION 02370
SOIL EROSION AND SEDIMENT CONTROL
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**SECTION 02370
SOIL EROSION AND SEDIMENT CONTROL**

PART 1. GENERAL

1.1 SCOPE

- A. Erosion and sediment control measures must be employed prior to initiating any construction activity and maintained during the construction period. They shall be employed during the construction period and shall include all measures required to prevent soil erosion from the site until permanent erosion control measures are installed. Work shall be accomplished through, but not limited to, the use of vegetative measures, such as mulching and grassing, and structural practices including berms, dikes, sediment barriers, sediment traps, sediment basins, silt fences, check dams, construction exits, sediment barriers, sediment traps, and slope drains.
- B. Erosion control measures described herein shall be continued until such time as permanent planting and restoration of natural areas is effectively in control of erosion from project site.
- C. Failure to install and maintain temporary erosion control measures throughout the construction period may be cause to halt construction by governing authorities until such measures are correctly installed and operational. Activity covered in this contract is regulated by the State's Erosion and Sediment Control Act (O.C.G.A. 12-7-1, *et seq.*) and NPDES General Permit for Stormwater Discharges Associated with Construction Activity. ([GAR 100001, GAR 100002, or GAR 100003])

1.2 RELATED WORK

- A. Section 01410 – Testing Services
- B. Section 02920 – Grassing.
- C. Construction Drawings.

1.3 REFERENCES

- A. American Society for Testing and Materials (ASTM).
- B. Contractor shall comply with applicable codes, rules, ordinances, regulations, and laws of local, municipal, state or federal authorities having jurisdiction over project.
- C. Contractor shall comply with the State's Erosion and Sedimentation Control Act (latest amendment) and NPDES General Permit for Stormwater Discharge

Associated with Construction Activity for Infrastructure Construction projects.

- D. The latest edition of the “Manual for Erosion and Sediment Control in Georgia” published by the State Soil and Water Conservation Committee of Georgia.

1.4 DEFINITIONS

- A. Final Stabilization: All soil disturbing activities at the site have been completed, and that for unpaved areas and areas not covered by permanent structures, at least 100% of the soil surface is uniformly covered in permanent vegetation with a density of 70% or greater or equivalent permanent stabilization measures (such as the use of rip rap, gabions, permanent mulches, or geotextiles) have been employed. Permanent vegetation shall consist of: planted trees, shrubs, perennial vines, a crop of perennial vegetation appropriate for the time of year and region; or a crop of annual vegetation and a seeding of target crop perennials appropriate for the region. Final stabilization applies to each phase of construction.
- B. Land-Disturbing Activity: Any activity which may result in soil erosion from water or wind and the movement of sediments into State waters or onto lands within the State, including, but not limited to clearing, grubbing, dredging, grading, excavating, transporting, and filling.

PART 2. PRODUCTS

2.1 FILTER FABRIC

- A. All products must satisfy specifications set forth by the Georgia Department of Transportation and be included on the GDOT Qualified products list.
- B. Silt fence shall be constructed in accordance with details shown on Drawings or may be a prefabricated proprietary type subject to approval by Engineer.
- C. All silt fence fabrics shall be listed on the GDOT Qualified Products List and shall meet the requirements of the Manual for Erosion and Sediment Control in Georgia, current edition.

2.2 FILTER MEDIA SOCK

- A. Compost filter media used for sediment barrier filler material shall be weed free and derived from a well-decomposed source of organic matter. The compost shall be produced using an aerobic composting process meeting CFR 503 regulations including time and temperature data. The compost shall be free of any refuse, contaminants or other materials toxic to plant growth. Non-composted products will not be accepted. Test methods for the items below should follow US Composting Council Test Methods for the Examination of Composting and Compost guidelines for laboratory procedures:

SECTION 02370-4
SOIL EROSION AND SEDIMENT CONTROL

-
1. PH – 5.0-8.0 in accordance with TMECC 04.11-A, “Electrometric pH Determinations for Compost”
 2. Particle size – 99% passing a 2-inch (50mm) sieve and a maximum of 40% passing a 3/8 inch (9.5mm) sieve, in accordance with TMECC 02.02-B, “Sample Sieving for Aggregate Size Classification”. (Note- In the field, product commonly is between ½ in., [12.5mm] and 2 inches [50mm] particle size.)
 3. Moisture content of less than 60% in accordance with standardized test methods for moisture determination.
 4. Material shall be relatively free (<1% by dry weight) of inert or foreign man-made materials.
 5. Sock containment system for compost filter media shall be a photodegradable or biodegradable knitted mesh material with 1/8 in. to 3/8 in., openings.

2.3 HAY BALE BARRIERS

- A. Hay bales shall be well compacted straw, standard size, wire bound. Hay bales may be used as an alternate to silt fence as approved by Engineer.

2.4 GRASS

- A. Grass seed for temporary erosion control shall be applied at the rates and dates indicated on the Erosion & Sediment Control Plans in the Drawings.
- B. For additional information regarding temporary grassing and mulching, see “Manual for Erosion and Sediment Control in Georgia”.

2.5 FERTILIZER

- A. Commercial grass fertilizer of approved type conforming to State fertilizer laws shall be applied at rates shown on the Drawings.
- B. Agricultural lime to be applied at a rate determined by a Soil Test conducted by the contractor.

2.6 MULCH

- A. Dry straw or hay of good quality, free of weed seed – spread at a rate of 2-1/2 tons per acre.
- B. Wood waste, chips, sawdust or bark spread 2 to 3 inches deep (about 6 to 9 tons per acre).

- C. Erosion control matting or netting, such as excelsior, jute, textile and plastic matting, and netting applied in accordance with manufacturer's recommendations.

2.7 CHEMICALS FOR DUST CONTROL

- A. Calcium chloride, anionic asphalt emulsion, latex emulsion or resin-in-water emulsion or other approved by the [Georgia] Department of Transportation may be used for dust control.

PART 3. EXECUTION

3.1 GENERAL

- A. All disturbed soil areas except those to support paving shall be graded and protected from erosion by grassing. Storm water conveyance systems shall have sediment barriers installed at all entrances, intersection, change in direction and discharge points.
- B. Erosion control shall be directed toward and have the purpose of controlling soil erosion at its potential source. Downstream sediment entrapment measures shall be employed, but only as a backup to primary control at the source.
- C. A continuing program of installation and maintenance of sediment control measures shall be employed during the construction period.
- D. Erosion Control Schedule
 - 1. Prior to the pre-construction conference, Contractor shall submit to the Engineer his proposed erosion control plan for the project in accordance with requirements of this section. The schedule shall be based on an analysis of the project conditions and shall be in written form. This schedule shall specifically indicate the sequence of clearing and grubbing, earthwork operations, including trenching and backfilling, construction of permanent erosion control features and the proposed uses of temporary erosion control features. Schedule shall also include proposed methods to prevent pollution of streams, lakes and rivers and other water resources.
 - 2. Contractor shall outline his proposed methods of controlling erosion and preventing pollution on public and construction access roads, staging areas and waste disposal areas.
 - 3. No work shall be started until the aforementioned plans and schedules have been accepted by Engineer. Contractor will be responsible for accomplishment of work in accordance with accepted plans and schedules. Engineer may approve changes made necessary by unforeseen circumstances that are beyond the control of Contractor.

-
- E. Engineer has the authority to limit the surface area of erodible earth materials exposed by clearing and grubbing, the surface area of erodible earth exposed by excavation and backfill operations and to direct Contractor to provide immediate permanent or temporary erosion and pollution control measures to prevent contamination of adjacent streams or other water courses.
 - F. Clearing and grubbing operations shall be so scheduled and performed that grading operations and permanent erosion control features can immediately follow thereafter, if the project conditions permit, otherwise temporary erosion control measures will be required between successive construction stages.
 - G. Engineer will require Contractor to limit the area of excavation, trenching and pipe laying operations in progress commensurate with Contractor's capability and progress in keeping finish grading, mulching, seeding and other permanent and/or temporary measures current with accepted schedule.

3.2 TEMPORARY GRASSING AND MULCHING

- A. Where staged construction or other conditions not controlled by Contractor prohibit the completion of work in a continuous manner; Engineer may order Contractor to apply temporary seeding or temporary mulch to an erodible area.
- B. Temporary grass shall consist of sowing a quick growing species of grass suitable to the area and season. Seeding rates shall be in accordance with the Drawings. Ground preparation will be limited to blading the area to the amount deemed practical by the Engineer for a seedbed and the elimination of water pockets. Fertilizer shall be applied at a rates shown on the Drawings.
- C. Areas to be mulched need not be to finished grade. The mulched areas may be placed on slopes as steep as 2:1 using a tractor to imbed the mulch into the slope.
- D. Spread wood waste uniformly on slopes that are 3:1 and flatter. No anchoring is needed.
- E. Commercial matting and netting. Follow manufacturer's specifications included with the material.

3.3 GRASSING

- A. See Section 02920 – Grassing.

3.4 SEDIMENT TRAPS

- A. Sediment traps shall be installed by Contractor in accordance with details shown on drawings.
- B. Sediment traps shall be maintained until other erosion control methods can be

substituted for them.

- C. Sediment traps shall be cleaned out when they are ½ filled with silt.
- D. Sediment traps shall be removed from the construction area when their use is no longer required.

3.5 SILT FENCES

- A. Temporary silt fences shall be located at all points where surface water can leave the construction area.
- B. Silt fences shall be constructed to remove sediments from flowing water through filtration and sedimentation. Silt fences shall be constructed in accordance with the details shown on drawings.
- C. Silt fences shall be arranged to create ponding behind them. Provision shall be made for removing accumulated sediments and maintaining ponding capacity.
- D. Silt fences shall be removed, and the area restored when permanent erosion control is effective.

3.6 FILTER MEDIA SOCK

- A. Secure the sock in the center and ends with 2 x 2 stakes or #4 rebar 1.5 to 2 feet deep. If the filter sock is to be left as a permanent feature, it shall be seeded at time of installation for establishment of permanent vegetation.

3.7 GRADING OPERATIONS

- A. Grading operations shall be scheduled so that ground surface will be disturbed for the shortest possible time before permanent construction is installed. Large areas shall be maintained as flat as possible to minimize soil transport through surface flow.
- B. Wherever steeper slopes or abrupt changes in grade are required, a diversion or berm shall be constructed at the top of slope to cause surface water to flow along the diversion to a control point to be transported down slope in a slope drain. In no case shall surface water be allowed to flow uncontrolled down slopes.

3.8 CONSTRUCTION IN STREAM BEDS

- A. Unless otherwise approved in writing by Engineer, construction operations in rivers, streams and impoundments shall be restricted to those areas that must be entered for the construction of temporary or permanent structures. As soon as conditions permit, rivers, streams and impoundments shall be promptly cleared of all false-work, sheeting or piling which are to be removed, debris and other obstructions. Frequent fording of live streams with construction equipment will not be permitted;

therefore, temporary bridges or other structures shall be used whenever an appreciable number of stream crossings are necessary. Unless otherwise approved in writing by Engineer, mechanized equipment shall not be operated in live streams except as may be required to construct channel changes and temporary or permanent structures, and to remove temporary structures.

3.9 RUN-OFF EROSION AND SEDIMENTATION CONTROLS

- A. During construction, route run-off through sedimentation barriers and check dams as practical.
- B. Contractor shall maintain sedimentation devices in functional condition. Sedimentation barriers and check dams shall be cleaned out when these devices are at least 60 percent of their capacity. Defective materials in barriers and check dams shall be replaced.
- C. Contractor shall establish sedimentation barriers at the toe of slopes under construction. These barriers may be relocated and reused after permanent slope stabilization becomes established. As they are relocated, any defective materials shall be replaced. In addition, all debris and silt at previous location will be removed.
- D. A 6-inch minimum thickness of crushed stone construction exit pad shall be located at all access points to site from public streets in accordance with details shown on drawings. All construction vehicles leaving construction site shall have mud cleaned from their tires at these points to protect public streets from the transportation of sediment from site.

3.10 DUST CONTROL

- A. Dust raised from vehicular traffic will be controlled by wetting down the access road with water or by the use of a deliquescent chemical, such as calcium chloride, if the relative humidity is over 30%. Chemicals shall be applied in accordance with the manufacturer's recommendations. There shall be no separate payment to the Contractor for dust control measures. Any costs connected thereto shall be a subsidiary responsibility of the Contractor.

3.11 CLEANUP AND REMOVAL

- A. At the time, that permanent erosion control is effective, temporary devices and their accumulated sediments shall be removed.
- B. Silts and deposits removed from control barriers shall be placed in eroded areas and shall be replanted.

END OF SECTION

**SECTION 02505
VALVES, HYDRANTS, AND APPURTENANCES
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**SECTION 02505
VALVES, HYDRANTS, AND APPURTENANCES**

PART 1. GENERAL

1.1 SCOPE

- A. Furnish and install valves, hydrants, and appurtenances complete as shown on the Drawings and specified herein.

1.2 RELATED WORK

- A. Site preparation is included in Section 02300.
- B. Excavation, backfill, fill and grading including bedding material is included in Section 02315.
- C. Buried piping is included in Section 02500.
- D. Interior valves and appurtenances are included in Division 15.
- E. Plastic valves and appurtenances are included in Division 15.

1.3 DESCRIPTION OF SYSTEMS

- A. All of the equipment and materials specified herein is intended to be standard for use in controlling the flow of water, sludges, air or chemicals, depending on the applications.

1.4 QUALIFICATIONS

- A. All of the types of valves and appurtenances shall be products of well established reputable firms who are fully experienced, reputable and qualified in the manufacture of the particular equipment to be furnished. The equipment shall be designed, constructed and installed in accordance with the best practices and methods and shall comply with these specifications as applicable.

1.5 SUBMITTALS

- A. Submit to the Engineer for review in accordance with Section 01300 complete shop drawings working drawings and product data for all materials and equipment furnished under this Section.

- B. Submit to the Engineer operating and maintenance data as specified in Section 01730.

1.6 TOOLS

- A. Furnish three (3) T-handle operating wrenches. The wrenches shall vary in length so they extend between 2 and 4 feet above grade while on the valve operating nut. Additional wrenches shall be supplied if this requirement cannot be met with 3 wrenches.

PART 2. PRODUCTS

2.1 GENERAL

- A. All valves and appurtenances shall be of the size shown on the Drawings and as far as possible all equipment of the same type shall be from one manufacturer.
- B. All valves and appurtenances shall have the name of the maker and the working pressure for which they are designed cast in raised letters upon some appropriate part of the body.

2.2 GATE VALVES

- A. All buried gate valves shall meet the requirements of AWWA C500 or C509. Valves shall be rated for 150 psi minimum working pressure and a minimum 300 psi test pressure. Valves shall be of the iron body, bronze mounted, double disc, parallel seat, nonrising stem type fitted with "O-Ring" seals. The operating nut shall be standard AWWA 2-inch square. Valves shall have end construction as called for on the Drawings, and shall be mechanical joint equal to ANSI A21.11. Gate valves shall open left or counterclockwise. Gate valves shall be Clow Corporation AWWA Double Disc Gate Valves, equal by American Darling, or equal.

2.3 TAPPING SLEEVES AND GATE VALVES

- A. Tapping valves shall meet the requirements of AWWA C500. The valves shall be flanged by mechanical joint outlet with nonrising stem, designed for vertical burial and shall open left or counterclockwise. Stuffing boxes shall be the "O-Ring" type. Operating nut shall be AWWA Standard 2 inches square. The valve shall be provided with an overload seat to permit the use of full size cutters. Gaskets shall cover the entire area of flange surfaces.
- B. Tapping sleeves for ductile iron pipe shall be 150 psi minimum working pressure with cadmium plated cast iron nuts and bolts. Sleeves shall be caulked type for ductile iron pipe. Sleeve flanges shall be fitted with gaskets covering the entire

surface area of each flange.

- C. Tapping Sleeves for Prestressed Concrete Steel Cylinder Pipe shall be in accordance with AWWA M-9. The sleeves shall have a separate gland which permits installation of the sleeve prior to cutting of the prestress wires. The gland shall have a fusion epoxy coated (per AWWA C-213-79) waterway, and a broad gasket set in a retaining groove of a pressure plate gusseted to eliminate flexing. The gland shall be equipped with load bearing set screws to protect the cylinder. Grout under saddle is needed whether saddle is epoxy coated or not. This is to provide uniform bearing transfer between rough mortar coating and saddle. Sleeves shall be furnished with grouting seals and grout horns to facilitate filling the space between the sleeve and the pipe. Tapping sleeves shall be a Price Brothers Company Tapping Sleeve for Prestressed Concrete Steel Cylinder Pipe or approved equal.

2.4 RESTRAINING CLAMPS

- A. Restraining clamp assemblies as Detailed in the Drawings for use at hydrant connections to water mains, or at fittings where shown on the Drawings, shall be as manufactured by Stellar Corporation, Columbus, Ohio; or equal.

2.5 YARD HYDRANTS

- A. Yard hydrants shall be 2-1/8 inch Valve Post Type A-411 as manufactured by Mueller Company of Decatur, Illinois or equal. Yard hydrants shall have two 1-1/2 inch hose nozzles and 3-inch mechanical joint inlet connections. Operating nuts shall be standard AWWA 2-inch square and caps shall have attachment chains. Four operating wrenches of suitable size shall be furnished to operate all yard hydrants. The threads on the 1-1/2 inch outlets shall match the threads on the hose now utilized by the Owner.

2.6 BUTTERFLY VALVES

- A. Butterfly valves shall be designed for direct bury service conforming to the requirements of Section 15100. Unless otherwise shown on the construction plans, all butterfly valves shall be Class 150B. Joints shall be the same as for the pipeline in which the valve is installed or as indicated on the Drawings.
- B. Each butterfly valve shall be furnished with a manual operator equipped with a two inch square operating nut. The operator shall open the valve when the operating nut is turned to the left or counterclockwise. The valve and operator shall be assembled for installation in a horizontal line with the main valve shaft horizontal and the operator shaft and operating nut aligned vertically to accept a valve key operated from the surface. Stainless steel (type 304) extension stems shall be furnished where shown.

- C. Where indicated on the Drawings at the washwater lagoons, the valve operator shall be electric motor as specified in Section 15100 suitable for outdoor service.
- D. Butterfly valves shall be shop painted for buried service in accordance with AWWA C504.
- E. Prior to installation of butterfly valves, the manufacturer shall submit certified drawings showing the principal dimensions, general construction, and materials used for all parts of the valves and operators. The valves shall be furnished in accordance with these drawings after they have been approved by the Engineer. In addition to the certified drawings, the manufacturer must submit written certification that the valves furnished comply with all applicable provisions of AWWA C504.

2.7 PLUG VALVES

- A. Plug valves shall meet the requirements of Section 15100 and be designed for direct bury service.
- B. Valves shall be furnished with type 304 stainless steel extension stem and 2-in square operating nut where shown on the Drawings.

2.8 VALVE BOXES

- A. Each buried valve shall be accompanied by a valve box of the adjustable type of heavy pattern, constructed of cast iron and provided with cast iron cover.
- B. The upper section of each box shall have a flange at the bottom, having sufficient bearing area to prevent settling. The bottom of the lower section shall enclose the operating nut of the valve. Boxes shall be of lengths consistent with pipe depths as shown on the Drawings. Boxes shall be adjustable, with a lap of at least 6-inch when in the most extended position. Covers shall have the word "WATER", "SEWER" or "DRAIN" (as applicable) cast in the top.

2.9 HYDRANTS

- A. Hydrants shall be Kennedy Type K-11, Darling B50B "Quick-Fix" type, or equal, and shall conform to AWWA C502, and shall, in addition, meet the specific requirements and exceptions which follows:
 - 1. Hydrants shall be of manufacturer's standard pattern and of standard size, and shall have one (1) 4-1/2-inch pumper nozzle and two (2) 2-1/2-inch hose nozzles.
 - 2. Hydrant inlet connections shall have mechanical joints for 6-inch ductile-iron pipe.

3. Hydrant valve opening shall have an area at least equal to that area of a 5-1/4-inch minimum diameter circle and be obstructed only by the valve rod. Each hydrant shall be able to deliver 500 gallons minimum through its two (2) 2-1/2-inch hose nozzles when opened together with a loss of not more than 2 psi in the hydrants.
4. Each hydrant shall be designed for installation in a trench that will provide 3-foot cover.
5. Hydrants shall be hydrostatically tested as specified in AWWA C502.
6. All nozzle threads shall be American National Standard.
7. Each nozzle cap shall be provided with a Buna N rubber washer.
8. Hydrants shall be so arranged that the direction of outlets may be turned 90 degrees without interference with the drip mechanism and without the mechanism obstructing the discharge from any outlet.
9. Hydrants must be capable of being extended without removing any operating parts.
10. A bronze nut and check nut shall be provided to hold the main hydrant valve on its stem.
11. Hydrants must open by turning operating nut to left (counterclockwise) and must be marked with an arrow and word "open" to indicate the direction to turn stem to open hydrant.
12. All iron work to be set below ground, after being thoroughly cleaned, shall be painted with two (2) coats of asphalt varnish in accordance with AWWA C502 and iron work to be left above ground shall be shop painted with two (2) coats of paint of quality and color to correspond to the present standard of the Owner.
13. Each hydrant shall be designed such that the hydrant valve closes with line pressure preventing loss of water and consequent flooding in the event of traffic damage.
14. Each hydrant shall be furnished with a steel chain holder, double steel hose cap chain, steel steamer cap chain and any other hooks.

PART 3. EXECUTION

3.1 VALVES

- A. Valves and valve boxes shall be set with the operating stem vertically aligned in the center of the valve box. Valves shall be set on a firm foundation and supported by tamping Type 1 Common Fill under and at the sides of the valve.

3.2 VALVE BOXES

- A. Valve boxes shall be installed vertically, centered over the operating nut, and the elevation of the top shall be adjusted to conform with the finished surface of roadway, concrete pad where shown on the Drawings or other surface at the completion of the contract. Boxes shall be adequately supported during backfilling to maintain vertical alignment.

3.3 TAPPING SLEEVES AND GATE VALVES

- A. Before backfilling, all exposed portions of any bolts used to hold the two halves of the sleeve together shall be heavily coated with two coats of bituminous paint comparable to Bitumastic No. 50, by Koppers Co., Inc. or equal.
- B. Where installations are to be made under pressure the flow of water through the existing main shall be maintained at all times. The diameter of the tap shall be a minimum of 1/4-in. less than the inside diameter of the branch line.
- C. The entire operation shall be conducted by workmen thoroughly experienced in the installation of tapping sleeves and valves, and under supervision of qualified personnel furnished the manufacturer. The tapping machine shall be furnished by the Contractor.
- D. The Contractor shall determine the location of the existing main to be tapped to confirm the fact that the proposed position for the tapping sleeve will be satisfactory and no interference will be encountered such as the occurrence of existing utilities or of a joint or fitting at the location proposed for the connection. No tap will be made closer than 3 ft from a pipe joint.
- E. Tapping valves shall be set in vertical position and be supplied with a 2-in square operating nut. The valve shall be provided with an oversized seat to permit the use of full sized cutters.
- F. Tapping sleeves and valves with boxes shall be set vertically or horizontally as indicated on the Drawings and squarely centered on The main to be tapped. Adequate support shall be provided under the sleeve and valve during the tapping operation. Lead joints on sleeves shall be poured but not caulked until the tap is

made. Sleeves shall be no closer than three (3) ft from water main joints. Thrust blocks shall be provided behind all tapping sleeves. Proper tamping of supporting earth around and under the valve and sleeve is mandatory. After completing the tap, the valve will be flushed to ensure that the valve seat is clean.

3.4 HYDRANTS

- A. Fire hydrants and yard hydrants shall be set at the locations shown on the Drawings, and shall be bedded on a firm foundation. A drainage pit as detailed on the Drawings shall be filled with granular fill and be thoroughly compacted. During backfilling, additional screened gravel shall be brought up around and 6-inch over the drain ring. Each hydrant shall be set in true vertical alignment and shall be properly braced. Concrete thrust blocks shall be placed between the back of the hydrant inlet and undisturbed soil at the end of the trench. Minimum bearing area shall be as shown on the Drawings. Felt paper shall be placed around the hydrant elbow prior to placing concrete. Care must be taken to insure that concrete does not plug the drain ports. Concrete used for backing shall be no leaner than 1 part cement, 2-1/2 parts sand and 5-1/2 part stone.
- B. If directed, the hydrant shall be tied to the pipe with suitable rods or clamps, galvanized, painted, or otherwise rustproof treated. Hydrants shall be touched up with paint as required after installation.

3.5 PAINTING

- A. The exterior surfaces of all unburied valves and appurtenances shall be thoroughly cleaned of any scale, rust, dirt, grease, or other foreign matter and immediately thereafter shop painted with an approved rust-inhibitive primer, as specified in Section 09900.
- B. The exterior surfaces of all buried valves and appurtenances shall be shop coated with asphalt varnish, conforming to Federal Specification TT-V51e, especially formulated to protect the metal for buried service.
- C. Ferrous Surfaces obviously not to be painted shall be given a shop coat of grease or other suitable rust-resistant coating. This coating shall be maintained as necessary to prevent corrosion during all periods of storage and installation and shall be satisfactory to the Engineer up to the time of final acceptance.
- D. Field painting is specified under Division 9. The primer and paint used in the field shall be compatible with the shop primer.

3.6 RESTRAINING CLAMPS AND TIE RODS ON PIPE RUN

- A. Restraining clamps and tie rods shall be used on all pipe runs, as directed by the

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VALVES, HYDRANT, AND APPURTENANCES

Engineer and/or shown on the Drawings.

END OF SECTION

SECTION 02510
WATER DISTRIBUTION
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SECTION 02510
WATER DISTRIBUTION

PART 1. GENERAL

1.1 SCOPE

This section of the Specifications describes products to be incorporated into the water lines and requirements for the installation and use of these items. The Contractor shall furnish all products not supplied by the Owner and perform all labor necessary to fulfill the requirements of these Specifications. It includes, but is not limited to the construction of the following items:

- A. Piping
- B. Valves
- C. Fittings
- D. Connect to Existing System
- E. All necessary appurtenances to convey potable water

1.2 RELATED WORK

- A. Other work required for the construction of the Water Distribution System is specified in the following sections of these specifications:

Section No.	Title
01605	Shipment, Protection and Storage
02300	Earthwork
02315	Excavation, Trenching and Backfilling for Utility Systems
02920	Grassing

1.3 REFERENCES

- A. ASTM D 3740-12a – Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction.
- B. ASTM E 329-11c – Agencies Engaged in the Testing and/or Inspection of Materials as Used in Construction.
- C. ASTM D 3034084 – Type PSM PVC Sewer Pipe and Fittings.
- D. ASTM D 2321-08 – Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Installations.

- E. ANSI/AWWA C 150/A 21.50-08 – Thickness Design of Ductile Iron Pipe.
- F. ANSI/AWWA C 151/A 21.51-09 – Ductile Iron Pipe, Centrifugally Cast, for Water or Other Liquids.
- G. ASTM A 746-09 – Ductile Iron Gravity Sewer Pipe.
- H. ASTM D 3212-07 – Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals.
- I. ASTM F 477-10 – Elastomeric Seals (Gaskets) for Joining Plastic Pipe.
- J. ASTM D 2241-09 – PVC Pressure-Rated Pipe (SDR – Series).
- K. ASTM D 3139-98 – Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seams.
- L. ASTM A 139-00 – Electric-Fusion (Arc) Welded Steel Pipe (NPS 4 and Over).
- M. ASTM C 478-12 – Precast Reinforced Concrete Manhole sections.
- N. ASTM C 443-12 – Joints for Concrete Pipe and Manholes, Using Rubber Gaskets.
- O. ACI 318-08 – Building Code Requirements for Reinforced concrete.
- P. ASTM C 39/39M - 12– Standard Test Methods for Compressive Strength of Cylindrical Concrete Specimens.
- Q. ASTM C 890-06 (2011) – Standard Practice for Minimum Structural Design Loading for Monolithic or Sectional Precast Concrete Water and Wastewater Structures.
- R. ASTM C 891-11 – Installation of Underground Precast Concrete Utility Structures.
- S. ASTM C 913-08 – Precast Concrete Water and Wastewater Structures.
- T. ASTM A 615/A 615 M-12 – Deformed and Plain Carbon – Steel Bars for Concrete Reinforcement.
- U. ANSI/AWWA C-500-09 – Metal-Seated Gate Valves for Water Supply Service.
- V. ANSI/AWWA C-509-09– Resilient-Seated Gate Valves for Water Supply Service.
- W. AASHTO T 191-02-UL – Density of Soil In-Place by the Sand-Cone Method.
- X. ASTM D-2922-01 – Test methods for Density of Soil and Soil Aggregate In-Place

by Nuclear Methods (Shallow Depth).

- Y. ASTM D-1557-12 – Laboratory Compaction Characteristics of Soil Using Modified Effort.
- Z. ASTM D 1556-07 – Density and Unit Weight of Soil In-Place By The Sand-Cone Method.
- AA. ASTM D 71-94 (2009) – Method for Relative Density Solid Pitch and Asphalt (Displacement Method)
- BB. ASTM D 2794-93 (2010) – Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact).
- CC. ASTM E 96/E96 M-10– Water Vapor Transmission of Materials.
- DD. ASTM G 154-06 – Operating Fluorescent Light and UV Exposure Apparatus UV Exposure of Nonmetallic Materials.
- EE. ANSI/AWWA C 111/A 21.11-07 – Rubber-Gasket Joints for Ductile Iron Pressure Pipe and Fittings.
- FF. ASTM A 377-03 (2008) e1 – Index of Specifications for Ductile Iron Pressure Pipe.
- GG. ANSI/AWWA C 600-10 Appurtenances.

1.4 OPTIONS

- A. The specifications describe several materials. Where manufacturers and models of equipment are named in the specification, it is intended that these are to describe the quality and function required. The Contractor may use equipment or materials of other manufacturers provided they are reviewed and accepted by the Engineer and the Owner as meeting the specifications.
- B. The Contractor will furnish the Engineer and the Owner a description of all materials before ordering. The Engineer will review the Contractor's submittals and provide in writing an acceptance or rejection of material. However, an acceptance of any material by the Engineer does not relieve the Contractor of this responsibility to meet the requirements of the construction plans or these specifications.

1.5 QUALITY ASSURANCE

- A. Material and equipment shall be the standard product of a manufacturer who has manufactured them for a minimum of 2 years and who provides published data on the quality and performance of the project.

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- B. A Subcontractor for any part of the work must have experience on similar work and if required, furnish the Engineer with a list of projects and the Owners or Engineers who are familiar with his competence.
 - C. Devices, equipment, structures, and systems not designated by the Engineer that the Contractor wishes to furnish shall be designed either by a registered professional engineer or by someone the Engineer approved as qualified. If required, complete design calculations and assumptions shall be furnished to the Engineer or the Owner before acceptance.
 - D. All testing of the piping shall be made by the Contractor with equipment qualified by the Owner, Engineer, or utility company and in the presence of the Engineer, Owner and utility company. The Engineer or his representative reserves the right to accept or reject testing equipment.
 - E. Soil testing shall be done by a testing laboratory regularly engaged in soil testing, and shall be approved by the engineer prior to engagement. Mill certificates of test on materials made by manufactures will be accepted provided the manufacturer maintains an adequate testing laboratory, makes regularly scheduled tests that are spot checked by an outside laboratory, and furnishes satisfactory certificates with the name of the one making the test.
 - F. The details of all welded joints shall comply with all of the requirements for joints, which are accepted without qualification test under the “Code of Arc and Gas Welding in Building Construction of the American Welding Society”. Workmanship shall conform to A.I.S.C. Specifications for Fabrication and Erection. All work shall be executed by skilled workmen under experienced supervision. All welding shall be done by welders who have been previously qualified by tests as prescribed in the “American Welding Society Standard Qualification Procedure” to perform the type of work required. Welders shall have passed the qualification test (Qualification tests using procedures covered in AWSS B3.0 Part II) within the preceding 12 months.

1.6 PRODUCT DELIVERY, STORAGE & HANDLING

- A. Shall be as described in Section 01605 – Shipment, Protection and Storage.

1.7 SEQUENCING, SCHEDULING

- A. The Contractor shall arrange his work so that sections of mains between valves are tested, sterilized, placed in service as soon as reasonable after it is placed.

1.8 ALTERNATIVES

- A. The intention of these specifications is to produce the best system for the Owner. If the Contractor suggests that alternate material, equipment or procedures will

improve the results at no additional cost, the Engineer and the Owner will examine the suggestion and if it is accepted, it may be used. The basis upon which acceptance of an alternate will be given is its value to the Owner, and not for the convenience of the Contractor.

1.9 GUARANTEE

- A. The Contractor shall guarantee the quality of the materials, equipment, and workmanship for 12 months after acceptance of the completed Project. Defects discovered during that period shall be repaired by the Contractor, at no cost to the Owner. The Performance Bond shall reflect this guarantee.
- B. The manufacturers of equipment, valves, pumps, controls, measuring devices and special equipment shall test the equipment at field conditions for compliance with the specifications. The manufacturer shall guarantee his product to be free from defects in material and factory workmanship for a period of 1 year from date of acceptance of the completed project, provided the product is properly installed, serviced and operated under normal conditions and according to the manufacturer's instructions. The manufacturer shall furnish a replacement for any component that proves defective during the guarantee period, except such items which are seals. The Contractor shall furnish the services of a representative of the manufacturer to check the installation after it is completed and to furnish the Engineer with a certificate that the equipment meets the specifications and will perform as required. The manufacturer shall furnish four field trips to the project site by a service representative during the first year after completion of the Project at no cost to the Owner.

1.10 EXISTING UTILITIES

- A. All known utility facilities are shown schematically on plans, and are not necessarily accurate in location as to plan or elevation. Utilities such as service lines or unknown facilities not shown on plans will not relieve the Contractor of his responsibility under this requirement. "Existing Utilities Facilities" means any utility that exists on the project in its original, relocated or newly installed position. The Contractor will be held responsible for the cost of repairs to damaged underground facilities; even when such facilities are not shown on the plans.
- B. At least three (3) days prior to beginning any work, the contractor shall request a field utility locate through Georgia's Utility Protection Center by dialing 811.
- C. If the Contractor or their Subcontractors damage any part of the existing water and sewerage systems, the Contractor shall be charged for the costs to make necessary repairs by the Owner's forces or their designated forces on the basis of time and materials plus 30% for overhead and administration.

1.11 REQUIREMENTS OF REGULATORY AGENCIES

- A. Water mains shall be sterilized to meet the requirements of the Georgia Department of Natural Resources, Environmental Protection Division. Sterilization shall be in accordance with AWWA Standards C-651, latest revision. See Paragraph 3.6 of these specifications for more information.

1.12 CONNECT NEW MAIN TO EXISTING SYSTEM

- A. The Contractor shall furnish the necessary pipe and perform all excavation, dewatering, shoring, backfilling, etc. necessary to make the connection of a new main to the existing water system. The Contractor shall contact the Superintendent of the Water Utility a minimum of 48 hours in advance of construction. The Contractor shall be responsible for coordinating his construction with the utility operator.

1.13 ACCEPTANCE OF PORTIONS OF WORK

- A. The Owner reserves the right to accept and use any portion of the work whenever it is considered in the public interest to do so.

1.14 RECORD DATA

- A. It will be required of the Contractor to keep accurate, legible records of the location of any deviations from the construction drawings, any additional items or structures to the construction drawings, and all utilities encountered which are not shown on the construction drawings. These records will be made available to the Engineer before his inspection for incorporation into the Engineer's Record Drawings.

PART 2. PRODUCTS

All pipe, pipe fittings, and other products shall be manufactured and assembled in the United States. Products and materials used in the work shall conform to the following:

2.1 STEEL CASING

- A. The casing pipe shall be new and unused steel pipe, conforming to ASTM A-139, Grade B, electric fusion welded steel pipe, having a minimum yield strength of 35,000 psi. The exterior and interior of the steel casing pipe shall be fully coated with a coal tar epoxy.
- B. The thicknesses of casing shown in Paragraph D below are minimum thicknesses. Actual thicknesses shall be determined by the casing installer, based on evaluation of the required forces to be exerted on the casing when jacking. Any buckling of the casing due to jacking forces shall be repaired at no additional cost to the Owner.
- C. The diameters of casing shown in Paragraph D below and shown on the drawings

are minimum. Larger casings, with the Owner and/or Engineer's approval, may be provided at no additional cost to the Owner, for whatever reasons the Contractor may decide, whether casing size availability, line and grade tolerances, soil conditions, etc.

D. Casing Sizes:

UNDER HIGHWAYS		
<u>Pipe Dia. (Inches)</u>	<u>Casing Pipe (Inches)</u>	<u>Wall Thickness (Inches)</u>
4	10"	0.250
6	12"	0.250
8	16"	0.250
10	16"	0.250
12	18"	0.250
16	24"	0.312
18	30"	0.375
20	30"	0.375
24	36"	0.500

E. Casing for pipes less than or equal to 3-inches shall be polyvinyl chloride pipe (PVC) which has a minimum wall thickness equal to Schedule 80.

F. Casing Spacers: Casing spacers shall meet one of the following requirements:

1. Casing spacers shall be flanges, bolt-on style with a two-section stainless steel shell lined with a PVC liner, minimum 0.09-inch thick also having a hardness of 85-90 durometer. Runners shall be attached to stainless steel risers which shall be properly welded to the shell. The height of the runners and risers shall be manufactured such that the pipe does not float within the casing. Casing spacers shall be Cascade Waterworks Manufacturing Company or Advanced Products & Systems, Inc., or equivalent product approved by the Engineer.
2. Casing spacers shall be a two-section, flanged bolted on style constructed of heat fused PVC coated steel, minimum 14 gauge band and 10 gauge risers, with 2-inch wide glass reinforced polyester insulating skids, heavy duty PVC inner liner, minimum 0.09-inch thick having a hardness of 85-90 durometer, and all stainless steel or cadmium plated hardware shall be Pipeline Seal and Insulator, Inc., or equivalent as approved by the Engineer.

G. Carrier Pipe: Carrier pipe shall meet requirements as specified in these Specifications. Carrier pipe for pressurized water mains shall be ductile iron pipe with restrained joints.

2.2 PIPE

- A. Ductile Iron Pipe – Shall conform to ANSI A21.50 (AWWA C-150) latest revisions and ANSI A21.51 (AWWA C-151) latest revision. Minimum wall thickness of 6” – 16” diameter pipe shall be Class 350. Minimum wall thickness for 18” – 20” diameter pipe shall be Pressure Class 300. Minimum wall thickness for pipe larger than 20” in diameter shall be Pressure Class 250. Pipe shall have an outside asphaltic coating per AWWA C151, latest revision. It shall be standard cement lined and seal coated with approved bituminous seal coat in accordance with AWWA C104, latest revision. Pipe shall be in 18’ – 20’ nominal lengths with standard deflection pipe sockets.
- B. Polyethylene Tubing:
 - 1. Tubing for service lines shall be cross-linked polyethylene (XLPE) pipe manufactured to Copper Tube Sizes (CTS) using high-pressure peroxide (Engel) method of cross linking with an approved cell classification of 354400 in accordance with ASTM D 3350, and a minimum degree of cross-linking of 80% when tested in accordance with ASTM D2765, Method B. Pipe shall have a co-extruded UV shield made from UV-resistant, high-density polyethylene, color blue. The UV shield shall resist exposure to natural sunlight for up to one year. Pipe shall be manufactured in accordance to AWWA C904, SDR 9 and be certified to meet ASTM F876, F877 and F2023 standards and be NSF 61 approved.
 - 2. Pipe shall carry the manufacturer’s name or trademark, nominal size, ASTM F876, F877, CSAB 137.5, NSF-PW, PEXa material designation, SDR9, 160 psi markings along with footage marks, manufacturing date and hour code plus machine number.
 - 3. Pipe shall be Rehau-Municipex Pipe or approved equal.

2.3 JOINTS

- A. Flanged Joints – Shall conform to ANSI A21.15 (AWWA C-115) latest revision. Bolts shall conform to ANSI B18.2.1 and nuts shall conform to ANSI B18.2.2. Gaskets shall be rubber, either ring or full face, and shall be 1/8 inch thick. Gaskets shall conform to the dimensions recommended by AWWA C-115 latest revision.
- B. Mechanical Joints – In ductile iron pipe shall conform to ANSI A21.11 (AWWA C-111) latest revision.
- C. Push-On-Joints – In ductile iron pipes shall conform to ANSI A21.11 (AWWA C111) latest revision. The joints shall be equal to “Fastite”, “Bell-Tite”, “Tyton” or approved equal.
- D. Restrained Joints – Restrained joints for pipe, valves and fittings shall be mechanical

joints with ductile iron retainer glands equivalent to EBAA Mega-lug or push-on type joints equivalent to “Flex-Ring”, “TR Flex”, or “Super Lock” and shall have a minimum rated working pressure of 250 psi. The joints shall be in accordance with the applicable portions of AWWA C111. The manufacturer of the joints shall furnish certification, witnessed by an independent laboratory, that the joints furnished have been tested at a pressure of 500 psi without signs of leakage or failure. Restrained joints shall be capable of being deflected after assembly.

2.4 FITTINGS

- A. Fittings for Ductile Iron – All fittings shall be ductile iron furnished in accordance with the latest revision of ANSI A21.10 (AWWA C110) or ANSI A21.53 (AWWA C153) and have a minimum Pressure Class of 250 psi. Joints shall be mechanical joints with ductile iron retainer glands conforming to ANSI A21.11 (AWWA C-111), latest revision. Ductile iron retainer glands shall be equal to EBAA Iron Mega-Lug, MJ Field Lok gasket or approved equal. All fittings shall be furnished with a cement mortar lining.
- B. Fittings for Flanged Pipe – Shall be manufactured in accordance with ANSI B 16.1, Class 125 flanges.
- C. Fittings for Polyethylene Pipe: (2” and less) – Fittings for polyethylene pipe 2-inches and smaller shall be brass compression fittings and conform to AWWA C800. Brass compression fittings shall be safe for potable water use, NSF 61 approved and rated for at least 200 psi. Stainless steel pipe stiffeners are required when using cross-linked polyethylene pipe with brass compression fittings.

2.5 GATE VALVES (GV)

- A. Two (2) Inches and Larger Valves – Shall be cast iron or Ductile iron body, bronze mounted, resilient wedge design, with non-rising stems, conforming to AWWA C-515. Valves shall be tested and certified to ANSI/NSF 61, be Underwriters Laboratories, Inc. Listed and be Factory Mutual approved. They shall have ends to match the pipe to which they are attached. Attachment to plastic pipe shall be made by special adapters. Valves shall be designed for a minimum working pressure of 200 psi and be tested at 400 psi. Gate valves sized 2" through 12" shall be Mueller Co. A-2360 Series with mechanical joints or approved equal. Ford Quick Joint by threaded end coupling or approved equal will be used to attach the plastic pipe to the gate valve. Stems shall be bronze; stainless steel stems will not be allowed.

Valves shall be furnished with “O” ring packing. Two (2) “O” rings shall be located above the thrust collar and one (1) “O” ring below. The thrust collar shall be permanently lubricated and have an anti-friction washer on top of the thrust collar.

Valves installed in pits or above ground shall be furnished with hand wheels. Buried valves shall be furnished with 2” square operating nuts. Valves shall open when

turned counter-clockwise.

- B. Smaller Than Two (2) Inches – Shall be all brass, ball valve type certified to ANSI/NSF 61. The pressure rating shall be 175 psi.

2.6 VALVE BOXES (VB)

- A. Valve boxes for valves shall be approved standard cast iron adjustable shaft boxes having a minimum shaft diameter of 5-1/4". The casing shall be coated with two coats of coal tar pitch varnish. The lids of all boxes shall bear the word "WATER" or the letter "W". Boxes shall be equal to Vulcan Pattern VVB-4 or approved equal.

2.7 FIRE HYDRANTS

- A. General – Hydrants shall be manufacturer's current model design and construction. All hydrant units are to be complete including joint assemblies. Physical characteristics and compositions of various metal used in the hydrant components shall meet the requirements as specified in AWWA C-502 latest revision. Hydrants shall meet all test requirements, be Underwriters Laboratories Listed and be Factory Mutual Inc. approved. Hydrants shall be suitable for working pressure of 250 psi. Hydrants shall be M & H Valve and Fitting Co., Traffic Model Style 129, Mueller Co., Centurion A-423 or approved equal.
- B. Bonnet – Bonnet may have oil filled or dry reservoir. If oil filled, bonnet must have "O" ring packing so that all operating parts are enclosed in a sealed oil bath. Oil filter plug shall be provided in bonnet to permit checking of oil level and adding oil when required. If bonnet is the dry type, the hydrant top must have a lubricating hole or nut for ease of lubrication. All parts must be removed through top of hydrant without moving entire barrel section from safety flange.
- C. Nozzles and Caps – The hydrant shall have two (2) 2-1/2 inch connections and one (1) 4-1/2" steamer connection, National standard threads. Nozzles shall be bronze and have interlocking lugs to prevent blowout. Nozzle caps shall be secured to fire hydrant with non-kinking type chain with chain loop on cap ends to permit free turning of caps.
- D. Seat Ring – Seat ring shall be bronze.
- E. Drain Valves and Openings – Positive operating drain valves shall be provided to assure drainage of fire hydrant when the main valve is closed. Drain openings shall have bronze bushings.
- F. Main Valve – Valve shall be designed to close with the pressure and remain closed. Valve shall be made from material that will resist rocks or other foreign matter. Valve shall have a full 5-1/4-inch opening.
- G. Barrel and Safety Flanges – Hydrants shall have a safety-type vertical barrel with 4-1/2 foot bury and be designed with safety flanges and/or bolts to protect the barrel

and stem from damage and to eliminate flooding when hydrant is struck. Bury depth shall be cast on barrel of hydrant. Hydrant shall be installed with a locked hydrant tee equal to American A-10180 and a locked hydrant adapter equal to American A-10895.

- H. Operating Stop and Nut – Hydrant shall have a positive stop feature to permit opening of hydrant without over travel of stem. Operating nut shall be bronze, 1-1/2", point to flat, pentagon.
- I. Bolts and Nuts – Bolts, washers and nuts shall be corrosion resistant.
- J. Inlet – Bottom inlet of hydrant shall be provided with mechanical joint connection as specified and shall be 6-inch nominal diameter.
- K. Direction of Opening – Hydrant shall be designed to close "right" or clockwise and open "left" or counter-clockwise.
- L. Coatings – All inside and outside portions of hydrant shall be coated in accordance with AWWA C-502. The exterior portion of hydrant above ground level shall be painted with two (2) coats of best grade zinc chromate primer paint and with two (2) coats of approved hydrant enamel. Color shall be Silver with Safety Green Bonnets.
- M. Joint Assemblies – Complete joint assemblies consisting of gland, gasket, bolts, and nut shall be furnished for mechanical joint inlets.

2.8 TAPPING SLEEVES AND VALVES (TS & V)

- A. Shall be Mechanical Joint Type sized to fit the intercepted pipe. They shall have duck-tipped end gaskets and shall be equal to Mueller H-615/715 with a tapping valve attached. The outlet end of the valve shall have a joint suitable for the type of pipe to be used in the new branch. The Sleeve/Cross shall be sized to fit the intercepted pipe without leaking.

2.9 METERED SERVICES

- A. Service Connections
 - 1. Taps in pipe larger than 3-inches shall be made with a tapping machine. A corporation stop shall be installed at the connection to the main. The corporation stop shall be brass manufactured in conformance with AWWA C-800. Inlet and outlet threads shall conform to AWWA C-800.
 - 2. The key and body seating surfaces shall be accurately machined and fit to a taper of 1-3/4 inches per foot. The stem and retaining nut shall be so designed that failure from over tightening of the retaining nut results in thread stripping rather than stem fracture. Service saddles shall be equal to

ROMAC Style 202NS double strap or approved equal. Contractor shall adhere to pipe manufacturer's recommendations on maximum tap sizes for each main size.

3. Where connections to larger service pipes are required, multiple taps shall be made and connected by branch. Taps for house services in PVC pipe 2-inches and smaller shall be made with a Dresser Style 294 "Qwik Tap" or a PVC Tee. The connection shall be capable of withstanding internal water pressure continuously at 200 psi.

B. Curb Stops and Wyes

1. All metal parts of curb stops shall be made of bronze. The stops shall be Ford model B43-232W or approved equal. The cock shall be operated with a combined cap and tee and shall open when turned counter-clockwise. All curb stops shall have locking device. The Contractor shall furnish and install all necessary couplings, adapters and fittings to plumb to service tubing.
2. Yokes and wyes shall be Ford model Wye 44 or approved equal.

C. Meter Box

1. Meter boxes shall be plastic. Material shall meet or exceed the following:
 - a. Tensile Strength: 3,400 psi (ASTM D 638).
 - b. Flexural Modulus: 191,000 psi (ASTM D 790).
 - c. Impact Strength, Izod: 0.6 feet 16/inch (ASTM D 256).
 - d. Deflection Temperatures: 200 degrees F (ASTM D 648)
2. Plastic meter boxes shall be equal to Ametec Plymouth Products Division Brooks Products, Inc. or approved equal.
3. Meter box shall be fitted with cast iron cover.
4. Minimum dimensions shall be 10-3/4 x 16-inches top and 18-1/2 x 13-1/4 – inches at bottom and 18-inches deep.

D. Corporation Stops

1. Corporation stops shall be ground key type, shall be made of bronze conforming to ASTM B 61 or B 62, and shall be suitable for the working pressure of the system. Ends shall have a threaded inlet and compression outlet connection. Threaded ends for inlet of corporation stops shall conform to AWWA C800; coupling nut for connection to flared copper tubing shall conform to ANSI B16.26.
2. Corporation stops shall be a Ford F-1000 or approved equal.

E. PVC Casing for Services

1. PVC casing pipe shall be used for long-side services. The PVC casing pipe shall be Schedule 40 and a minimum of 2" diameter for 1-inch diameter service tubing and a minimum of 3" for service tubing larger than 1-inch in diameter.

F. Meters

1. The contractor shall match the new service line size with the existing service line size complete with corporation stops and curb stops into the existing water meters. New water meters and meter boxes are not required unless damage by Contractor; however, some existing meters and meter boxes will need to be relocated to back of the right-of-way as indicated on the plans.

G. Unions and Adapters

1. All 3/4-inch adapters shall be CTS nonflare x Male IPT adapter Hays 5605 CF or approved equal. 1-inch adapter shall be Hays 5605 DF, Mueller H-15428 or approved equal. All 3/4 and 1-inch unions shall be CTS nonflare union, Hays 5615 DR, Mueller H-15403 or approved equal. "Y" Branch connections (yokes) shall be McDonald #08yst, full port, Mueller Co. H-15347 or approved equal.

2.10 MARKING TAPE

- A. Marking Tape: All ductile iron water mains shall be marked by a plastic marking tape placed a minimum of 12" above the top of the pipe for its full length. The tape shall be similar to Reef Industries' Terra Tape Standard. It shall have sufficient thickness, tensile strength, elongation and resistance to alkalis, acids and other destructive agents to remain a permanent marker of the line buried below. The plastic tape shall be imprinted with a continuous message repeated every 16" to 36" "Caution: Water Line Buried Below". The message shall be in permanent blue ink. Marking tape shall be not less than 2" wide.

2.11 TRACING WIRE

- A. Tracer Wire: Tracer wire shall be installed on all pipelines and service lines in a continuous fashion. It shall be brought to the surface at each locator post. It shall be accessible from surface at all valve and meter boxes. At locations tracer wire surfaces between valves, regular valve box with plain lid and collar shall be installed between a pipeline marker pair. Tracer wire shall be 12 GA fully annealed, high carbon 1055 grade steel, high strength solid copper clad steel conductor (HS-CCS), insulated with a 30 mil, high-density, high molecular weight polyethylene (HDPE) insulation, and rated for direct burial use at 30 volts. HS-CCS conductor must be at

21% conductivity for locate purposes. Break load of 452 lbs. HDPE insulation shall be RoHS compliant. Color shall be blue. Splices shall be UL rated for direct bury and shall be minimized. Tracer wire shall be Copperhead® High Strength HS-CCS HDPE 30 mil or engineer approved equal.

2.12 LOCATOR POSTS

- A. Valve markers shall be made of 3,000 psi concrete and shall be four (4) feet long and four (4) inches on each side, with four No.4 reinforcing bars. The markers shall be set with an even number of feet between the centerline of the valve and the centerline of the aluminum disc in the top of the marker and the distance in feet between the valve and marker shall be stamped in the marker at the time of setting.

2.13 PIPE CONNECTION COUPLINGS

- A. Pipe connections between new pipe and existing pipe shall be made with dresser Style 90 long steel couplings for pipe sizes 2" and below; for pipe sizes above 2", M.J. solid sleeves (long style) shall be used. Spacer rings must be used at all solid sleeve locations. A spacer ring is defined as a short section of pipe cut to fit into the gap between the two plain ends of pipe at the sleeve location.

2.14 NITRILE (NBR) GASKETS

- A. In areas where underground fuel storage tanks are located or know to have been located and as directed by the Engineer, the D.I.P. water main joints shall use American Pipe "Nitrile (NBR)" (Acrylonitrile Butadiene) gaskets or approved equal.

PART 3. EXECUTION

3.1 ON-SITE OBSERVATION

- A. The Engineer shall have the right to require that any portion of the work be done in his presence and if any work is covered up after such instruction, it shall be exposed by the Contractor for observation. However, if the Contractor notifies the Engineer that such work is scheduled and the Engineer fails to appear within 48 hours, the Contractor may proceed without him. All work done and materials furnished shall be subject to review by the Engineer or Project Representative. All improper work shall be reconstructed and all materials which do not conform to the requirements of the specifications shall be removed from the work upon notice being received from the Engineer for the rejection of such materials. The Engineer shall have the right to mark rejected materials so as to distinguish them as such.
- B. The Contractor shall give the Project Engineer or project Representative a minimum of 48 hours' notice for all required observations or tests.
- C. It will also be required of the Contractor to keep accurate, legible records of the

location of all water lines, service laterals, valves, fittings, and appurtenances. These records will be prepared in accordance with the paragraph on "Record Data" in the Supplementary Conditions. Final payment to the Contractor will be withheld until all such information is received and accepted.

3.2 HANDLING MATERIALS

- A. Unloading: Furnish equipment and facilities for unloading, handling, distributing and storing pipe, fittings, valves and accessories. Make equipment available at all times for use in unloading. Do not drop or dump materials. All materials dropped or dumped will be subject to rejection without additional justification.
- B. Handling: Handle pipe, fittings, valves and accessories carefully to prevent shock or damage. Handle pipe by rolling on skids, forklift, or front loader. Do not use material damaged in handling.
- C. Distribution: Distribute and place pipe and materials to not interfere with traffic. Do not string pipe more than 300 feet beyond the area where pipe is being laid. Do not obstruct drainage ditches.
- D. Storage: Store all pipe which cannot be distributed along the route. Make arrangements for the use of suitable storage areas. Do not interfere with other contractors right to access.

3.3 CONSTRUCTION ALONG HIGHWAYS, STREETS AND ROADWAYS

Install pipelines and accessories along highways, streets and roadways in accordance with the applicable regulations of the City and/or the Department of Transportation with reference to construction operations, safety, traffic control, road maintenance and repair.

- A. Protection of Traffic: Provide and maintain suitable signs, barricades and lights for protection of traffic.

Replace all highway signs removed for construction as soon as possible. Do not close or block any highway, street, or roadway without first obtaining permission from the proper authorities.

Provide flagmen to direct and expedite the flow of traffic.

- B. Construction Operations: Perform all work along highways, streets and roadways to least interfere with traffic.
 - 1. Stripping: Where the pipe line is laid along road shoulders, strip and stockpile all sod, topsoil and other material suitable for shoulder restoration.
 - 2. Trenching, Laying and Backfilling: Do not open the trench any further

ahead of pipe laying operations than is necessary. Backfill and remove excess material immediately behind laying operations. Complete excavation and backfill for any portion of the trench in the same day.

3. Shaping: Reshape damaged slopes, side ditches, and ditch lines immediately after completing backfilling operations. Replace topsoil, sod and any other materials removed from shoulders.
- C. Excavated Materials: Do not place excavated material along highways, streets and roadways in a manner which obstructs traffic. Sweep all scattered excavated material off of the pavement.
- D. Drainage Structures: Keep all side ditches, culverts, cross drains, and other drainage structures clear of excavated material and free to drain at all times.
- E. Maintaining Highways, Streets, Roadways and Driveways: Maintain streets, highways, and roadways in suitable condition for movement of traffic until completion and final acceptance of the work. Use steel running plate to maintain traffic until pavement replacement is completed.

NOTE: Traffic must be maintained at all times. When one lane is closed, flagmen must be utilized to maintain traffic flow.

Repair all driveways that are cut or damaged immediately. Maintain them in a suitable condition for use until completion and final acceptance of the work.

3.4 EXISTING UNDERGROUND UTILITIES AND OBSTRUCTIONS

- A. It is the responsibility of the Contractor to locate all existing utilities along the path of his construction. The drawings shall indicate underground utilities or obstructions that are known to exist. Where these or unforeseen underground utilities are encountered, the location and alignment of the water main may be changed, upon written approval of the Engineer and Owner, to avoid interference.

3.5 CONNECTIONS TO EXISTING PIPE LINES

- A. Before laying pipe, the Contractor shall locate the points of connection to existing pipe lines and uncover as necessary for the Engineer and Owner to confirm the nature of the connection to be made. The Contractor shall furnish materials and make the connection to all existing pipelines. The Contractor will be observed during construction of tie-ins by the Owner and the Engineer. The Contractor shall use all available practices and resources to minimize the time the customers are without water. The Contractor shall notify affected customers of a water outage at least 24 hours in advance.

3.6 LAYING PIPE

- A. General – Ductile iron pipe shall be laid in accordance with AWWA C-600.
- B. Construction Methods:
 - 1. Field Inspection: All pipe and accessories shall be laid, jointed, tested for defects and for leakage with pressure and chlorinated in the manner herein specified in the presence of the Engineer or his authorized representative and subject to their approval.
 - 2. Handling Pipe and Accessories:
 - a. Care: Pipe, fittings, valves and other accessories shall be unloaded at the point of delivery, hauled to and distributed at the site of the project by the contractor; they shall at all times be handled with care to avoid damage. In loading and unloading they shall be lifted by hoists, slid, or towed on skid-ways in such a manner as to avoid shock. Under no circumstances shall they be dropped. Pipe handled on skidways must not be skidded or rolled against pipe already on the ground.
 - b. At Site of Work: In distributing the material at the site of the work, each piece shall be unloaded opposite or near the place where it is to be laid in the trench and shall be laid on high ground so that it will not be in a drainage way.
 - c. Bell Ends, How Faced: Pipe shall be placed on the site of the work parallel with the trench alignment and with the bell ends facing the direction in which the work will proceed, unless otherwise directed by the Engineer.
 - d. Pipe Kept Clean: The interior of all pipe, fittings and other accessories shall be kept free from dirt and foreign matter at all times.
 - e. Detection Tape: Marking tape shall be buried a minimum of 12” and a maximum of 18” below finish grade above all PVC and ductile iron pipes. The tape shall be placed during backfill.
 - f. Tracing Wire: Tracer wire will be installed on the top of all PVC pipes and looped up to surface level in all valve boxes and at all service laterals. Tracer wire shall be taped to the top of pipelines at a minimum of 5 ft intervals in a uniform, continuous manner. This tracing wire system shall be checked and tested by the Contractor, in the presence of the Engineer or OWNER, prior to

acceptance of the water main installation. All equipment, meters, detectors, etc., needed for testing shall be furnished by the Contractor.

- g. Curb Marking: In projects with curb and gutter streets, all service laterals shall be clearly marked by embossing letters in curb perpendicular to the appurtenance. The embossed letter shall be stamped in the curb perpendicular to the appurtenance. The embossed letter shall be stamped in the curb during installation and shall consist of a minimum 3" tall letter indicating type of appurtenance. Lettering shall be "S" for sewer services, and "W" for water services.
- h. Locator Posts: Installation of posts shall be installed in a true vertical plane directly over the pipe. Post should be driven at a uniform anchoring depth of 18 to 24 inches. The tracing wire shall be brought to the surface and attached to the locator post with non-corrosive hardware.

3. Alignment and Grade:

- a. General: All pipe shall be laid and maintained in the required lines and grades, with fittings and valves at the required locations, with joints centered and spigots home, and with all valve stems plumb.
- b. Depth of Pipe: Where pipe is laid in roadways and parkways of streets, the top of the barrel of the pipe shall have a minimum cover of forty-eight (48") inches below the curb line of the street or where not curb line has been established, below the existing ground line. Where the pipe is laid in open, unsubdivided areas, a minimum of forty-eight inches of cover is required. A greater depth of cover is required in certain sections of the main, such as railroad crossings, valve locations and other sections of special construction, and within State and Federal highway rights-of-way.
- c. Prior Investigation – Prior to excavation, investigation shall be made to the extent necessary to determine the location of existing underground structures and conflicts. Care shall be exercised by the Contractor during excavation to avoid damage to existing structures. The pipe manufacturer's recommendations shall be used when the water main being installed is adjacent to a facility that is cathodically protected.
- d. Unforeseen Obstructions – When obstructions that are not shown on the plans are encountered during the progress of work and interfere so that an alteration of the plans is required, the Owner

will alter the plans, or order a deviation in line and grade, or arrange for removal, relocation, or reconstruction of the obstructions.

- e. Clearance – When crossing existing pipelines or other structures, alignment and grade shall be adjusted as necessary, with the acceptance of the Owner, to provide clearance as required by federal, state, and local regulations or as deemed necessary by the Owner to prevent future damage or contamination of either structure.

4. Excavation and Preparation of Trench:

See Section 02315 – Excavation, Trenching & Backfill for Utility Systems

5. Pipe Handling:

- a. Manner of Hauling Pipe and Accessories: Proper implements, tools and facilities shall be provided and used by the contractor for the safe and convenient execution of the work. All pipe, fittings and valves shall be carefully lowered into the trench piece by piece by means of derrick ropes or other suitable tools or equipment, in such manner as to prevent damage to pipe to pipe or accessories be dropped or dumped into the trench.
- b. Inspection: Before lowering and while still suspended, the pipe shall be inspected for defects. Any defective, damaged or unsound pipe shall be rejected.
- c. Pipe Kept Clean: All foreign matter or dirt shall be removed from the pipe, and it shall be kept clean by an appropriately sized rubber plug or similar device designed to keep dirt out of the pipe. This plug shall remain in the open end of the pipe unless belling the pipe.
- d. Laying of the Pipe: The spigot shall be centered in the bell, the pipe forced "home" and brought into true alignment; it shall be secured there by earth carefully tamped under and on each side of it, excepting at the bell holes. Care shall be taken to prevent dirt from entering the joint space. No "blocking up" of pipe or joints will be permitted. The joint shall be made as hereinafter described.
- e. Trench Water Entering Pipe: At times when pipe laying is not in progress, the open ends of the pipe shall be closed by approved means and no trench water shall be permitted to enter the pipe.

-
- f. Cutting Pipe: Cutting of pipe for inserting valves, fittings or closure pieces shall be done in a neat workmanlike manner without damage to the pipe.
 - g. Bell Ends Face Direction of Laying: Unless otherwise directed, pipe shall be laid with bell ends facing in the direction of laying; and for lines on an appreciable slope, bells shall, at the discretion of the engineer face up-grade.
 - h. Permissible Deflections at Joints: Wherever necessary to deflect pipe from a straight line, either in the vertical or horizontal plane to avoid obstructions, the degree of deflection shall be according to manufacturer's recommendations.
 - i. Unsuitable Conditions for Laying Pipe: No pipe shall be laid in water, or when the trench conditions or the weather is unsuitable for such work.
6. Jointing Pipe-Mechanical Joints: The following steps shall be taken in making mechanical joints:
- a. All lumps, blisters and excess coal-tar enamel shall be removed from socket and spigot of the pipe.
 - b. Wash socket and plain end with soapy water containing chloride solution; then slip gland and gasket over plain end. The small side of gasket and lip gland shall face bell.
 - c. Paint gasket with soapy solution containing chlorine.
 - d. Push gasket into position, being sure it is evenly seated in socket.
 - e. Slide gland into position; insert bolts and run nuts up finger tight.
 - f. Tighten bolts to uniform tightness with correct ratchet wrench. The first bolt tightened shall be the bottom bolt, then top. All other bolts shall be tightened in sequence at 180 degrees apart.
7. Setting Hydrants, Valves, Valve Boxes and Fittings:
- a. General: Hydrants, valves and pipe fittings shall be set and jointed to new pipe in the manner heretofore specified for cleaning, laying and jointing pipe. Hydrants and valves shall be installed plumb. Valve-operating stems shall be oriented in a manner to allow proper operation.

- b. Setting Fire Hydrants: Fire hydrants shall be placed at the locations shown on the plans. Gate valves for the fire hydrants shall be connected directly to the main by means of a “Locked Hydrant Tee”. All other connections between the main and the fire hydrant shall be mechanical joint with ductile iron retainer glands. Fittings shall be restrained by a “Locked Hydrant Adapter” whenever the fire hydrant is located close enough to the main to allow its use. Care shall be exercised that retainer glands are tightened sufficiently to secure the hydrants before pressure is put on the main. Not less than four cubic feet of No. 5 or No 57 stone shall be placed around the base of the hydrants, as shown in the Standard Detail Drawings. Before placing the hydrants, care shall be taken to see that all foreign material is removed from within the body. The stuffing boxes shall be tightened, and the hydrant valve opened and closed to see that all parts are in first class working condition. All hydrant openings shall be kept capped, except when hydrant is being worked on.

When a fire hydrant has been constructed but is not yet in service, the Contractor shall provide and attached to the fire hydrant, flags or collars indicating that the fire hydrant is not in service. Said flags or collars shall remain on the fire hydrant until it is put into service. Whenever an existing fire hydrant is taken out of service, whether temporarily or permanently, it shall be equipped with a flag or collar indicating that it is not in service. The contractor shall provide and install flags or collars as required and shall notify the Fire Department whenever the operating status of any fire hydrant changes.

FIRE HYDRANTS SHALL NOT BE OPERATED WITH ANY TOOL EXCEPT A SPECIFICALLY DESIGNED FIRE HYDRANT WRENCH. If the Contractor observes any other contractor or person operating a fire hydrant with an unapproved fire hydrant wrench, he shall report that fact to the City immediately. It is the Contractors’ responsibility to ensure that all new facilities are maintained in new condition until final completion of the project and acceptance by the City. Fire hydrants with damaged operating nuts shall not be accepted.

- c. Valve Boxes: Cast iron valve boxes shall be firmly supported and maintained centered and plumb over the wrench nut of the gate or butterfly valve, with box cover. The top of the box shall be brought to grade. After the boxes are in place, earth shall be filled in around the valve box and thoroughly tamped. After settlement has taken place, a concrete collar shall be constructed for each valve box.

- d. Valve Stem Extensions: Valve stem extensions shall be installed where valve operations nut is more than 3 feet below finished grade and shall be of sufficient length to place the operating nut between 2 feet and 3 feet below finished grade.
- 8. Plugging Dead Ends: Standard plugs shall be inserted into the bells of all dead ends of pipes, tees or crosses and spigot ends shall be capped. Plugs or caps shall be jointed to the pipe or fittings in the manner specified above.
- 9. Thrust Blocking:
 - a. Concrete having compressive strength of not less than 3000 psi shall be used as a cradle or thrust blocking at all bends and fittings and at all changes in direction. Bends exceeding 22-1/4 degrees, crosses with one opening plugged, and all tees shall be backed with concrete as a thrust block. Blocking shall be placed between solid ground and the fitting to be anchored; the area of bearing on the pipe and on ground in each instance shall be that shown on the plans. The blocking shall be so placed that the pipe fitting joints will be accessible for repair.
 - b. Anchorage for Hydrants – A concrete block 1' x 1' x 2' shall be poured between the back of the hydrant and undisturbed earth of the trench side without covering weep holes and bolts. Joint restraints equivalent to Megalugs manufactured by EBAA Iron may be used in lieu of concrete blocking.
- 10. Pressure and Leakage Tests:
 - a. Pressure During Test: Immediately after the pipe has been laid and backfilled, but prior to the placement of pavement, each valved section of newly laid pipe shall be subjected to a leakage and pressure test. For any section being tested the pressure applied shall be such that at the highest point in the section, the pressure shall be a minimum of 1.5 times the working pressure, but not less than 200 psi, whichever is greater. The test pressure shall not vary by more than ± 5 psi for the duration of the test. This may require periodic pumping.
 - b. Duration of Test: The duration of each pressure test shall be two (2) hours.
 - c. Procedures: Each valved section of pipe shall be slowly filled with water and the specified test pressure, measured at the point of highest elevation shall be supplied by means of a pump connected to the pipe in a satisfactory manner. The pump, pipe connection, and all necessary apparatus, gauges, and meters shall be furnished by the

contractor. The contractor shall furnish all necessary labor and assistance in conducting the tests. The owner will furnish, through connections made by the contractor to existing mains, water for filling the lines for making the test.

- d. Expelling Air Before Tests: Before applying the specified test pressure, all air shall be expelled from the pipe. To accomplish this, taps shall be made, if necessary, at points of highest elevation and afterward tightly plugged.
- e. Examination Under Pressure: At intervals during the test, the route of the pipeline shall be inspected to locate any leaks or breaks. Any cracked or defective joints, cracked or defective pipe, fittings or valves discovered in consequence of this pressure test shall be removed and replaced with sound material in the manner provided and the test shall be repeated until satisfactory results are obtained.
- f. Permissible Leakage: Leakage shall be defined as the quantity of water that must be supplied into the newly laid pipe, of any valved section thereof, to maintain the specified leakage test pressure after the pipe has been filled with water and the air in the pipeline has been expelled. No installation will be accepted if leakage is greater than that determined by the formula:

For Ductile Iron Installations:
$$L = \frac{ND(P)^{0.5}}{133,200}$$
 Where:

L is the allowable leakage in gallons per hour; N is the length of pipeline tested in feet; D is the nominal diameter of the pipe in inches; and P is the average test pressure during the leakage test in pounds per square inch gauge.

Leakage values determined by the above formulas are to be found in the following Table.

Allowable Leakage for Water Main Installation (Per 1,000 ft) in Gallons per Hour

Average Test Pressure in Pipeline

Nominal Pipe Diameter, Inches	150 PSI	200 PSI
4"	0.37	0.43
6"	0.55	0.64
8"	0.74	0.85
10"	0.92	1.06
12"	1.10	1.28

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14"	1.29	1.48
16"	1.47	1.70
18"	1.66	1.91
20"	1.84	2.12
24"	2.21	2.55

11. Backfilling, Cleaning Up and Maintaining Surfaces:

See Section 02315 – Excavating, Trenching & Backfill for Utility Systems

12. Disinfection of Mains: The contractor shall disinfect all new mains, in accordance with AWWA C651 furnishing all labor, equipment and material necessary for the complete disinfection of the mains as hereinafter provided. Mains shall be disinfected by the application of a chlorinating agent into the water used for the initial filling of the mains. The chlorinating agent may be chlorine gas-water mixture, sodium hypochlorite, calcium hypochlorite in water, or chlorinated lime of known chlorine content in water and shall be fed through a suitable solution feed device. Before the main is chlorinated, it shall be filled to eliminate air pockets and flushed to remove particulates. Potable water shall be supplied through a temporary connection that shall include an appropriate cross-connection device for backflow prevention to the active distribution system. The flushing velocity in the main shall not be less than 2.5 ft/s. For mains 24-inches and larger, an acceptable alternative to flushing is to broom sweep the main, carefully removing all sweeps prior to chlorination. The chlorinating agent shall be applied at a point not more than 10 feet from the beginning point from which the main is being filled and shall be injected at a constant measured rate into the new main through a corporation cock tapped into the newly laid main. The water being used to fill the line shall be controlled to flow into the section to be sterilized very slowly and the rate of application of the chlorinating agent shall be in such proportion to the rate of the water entering the pipe that the chlorine dose applied to the water shall be at least 25 ppm. The chlorine treated water shall be retained in the new main at least 24 hours and a 10 ppm of residual chlorine shall remain after the 24-hour period. During the 24-hour period, all valves and hydrants in the treated section shall be operated to ensure disinfection of the appurtenances. Following chlorination all treated water shall be flushed from the mains until replacement water shall have a chlorine content of not more than 0.1 ppm in excess of the residual in water from the supplying main and in any event not less than 0.2 ppm. Samples of the water shall be taken from several points in the new lines and sent to the Owner who will submit them to a State Approved lab for bacteriological analysis. The Owner will pay for all costs associated with the first bacteriological testing of each section of pipeline tested. Should the analysis show contamination, the system shall be re-chlorinated and further samples taken and submitted for analysis until no contamination is indicated. The Contractor shall pay for all costs associated with re-chlorinating and re-

testing of water samples including, but not limited to, the cost of additional bacteriological testing.

13. Disinfection of Service Lines: The contractor shall disinfect all new service lines, in accordance with AWWA C651 furnishing all labor, equipment, and material necessary for the complete disinfection of the service line as hereinafter provided. Service lines shall be disinfected by the application of a chlorinating agent into the water used for the initial filling of the service lines and before connection to a water meter. The contractor shall sample and confirm that the residual chlorine in the service line is consistent with the residual chlorine in the adjacent distribution system before it is placed into service.
14. Documentation: Documentation must be submitted to the Engineer with dates of pressure tests, results, dates of disinfection, method of disinfection, and results of disinfection.

3.7 WELDING

- A. Steel casing pipe shall be field-butt weld by experienced welders generally according to AWWA C206, Section 5: Welding-Procedure Details. Field joints shall be continuous, circumferential welded to result in a joint meeting the minimum strength requirements of base metals and which is completely watertight.

3.8 FREE BORING

- A. Where the Drawings indicate a pipeline is to be installed by boring without casing, the Contractor shall construct the crossing by the free bore method. The free bore method shall be accomplished by the dry auger boring method without jetting, sluicing, wet boring, or by "punching".
- B. The diameter of the free bore shall not exceed the pipe bell outside diameter or the pipe barrel outside diameter plus 1-inch, whichever is greater.
- C. Free boring, where indicated on the Drawings, is to be performed at the Contractor's option. The Contractor may choose to construct the crossing by the conventional bore and jack casing methodology.
- D. The Contractor shall be responsible for any settlement of the roadway caused by the free bore construction activities.
- E. If the Contractor elects to free bore, and an acceptable installation does not result for any reason, the Contractor shall install a casing pipe by the bore and jack method.

3.9 INSTALLATION OF PIPE IN CASINGS

- A. After construction of the casing is complete, and has been accepted by the Owner,

install the pipeline in accordance with the Drawings and Specifications.

- B. Check the alignment and grade of the casing and prepare a plan to set the pipe at proper alignment, grade and elevation, without any sags or high spots.
- C. The carrier pipe shall be supported within the casing by use of casing spacers sized to limit radial movement to a maximum of 1 inch. Provide a minimum of one casing spacer per nominal length of pipe. Casing spacers shall be attached to the pipe per manufacturer's recommendations or at maximum 18 to 20 foot intervals.
- D. Close the ends of the casing with 4-inch brick walls or seal ends with one piece synthetic rubber especially formulated for sealing casing/carrier pipe.

3.10 WATER SERVICE CONNECTIONS

- A. Reconnect Existing Water Meters: The Contractor shall perform the transfer of services in a manner to avoid extended water outages to residents and business in the area. The new water mains shall be installed and tied-in before transferring any services. After the new main is tested and sterilized, the Contractor shall transfer water services to the new main and then make the remaining connections to existing mains as required. Existing service connections shall be cut off at the curb stop and disconnected from the existing service line when the new service line is ready to be connected.
 - 1. Transfer of a service shall consist of tapping the new main, installation of corporation cock, curb stop, service line and tying to the existing service meter. The curb stop on the existing service line shall be closed when the new service connections is ready to be installed. The Contractor shall install the new corporation cock, curb stop, service line, service line casing and any miscellaneous appurtenances to complete the transfer.
 - 2. Contractor shall note the type of existing service tubing and location. In transferring services, contractor may encounter $\frac{3}{4}$ " or 1" copper tubing, HDPE tubing, galvanized pipe or polyvinylchloride pipe. Contractor shall furnish and install a new $\frac{3}{4}$ " or 1" corporation cock, $\frac{3}{4}$ " or 1" copper service line, and necessary fittings to tie the existing service meter.

3.11 ABANDONING EXISTING WATER MAINS

- A. General: Abandon in place all existing water main segments indicated on the Drawings to be abandoned. Perform abandonment after the new water main has been placed in service and all water main services have been changed over to the new main
- B. Capping and Plugging: Disconnect by sawing or cutting and removing a segment of existing pipe where cutting and capping or plugging is shown on the Drawings or directed by the Engineer. Provide a watertight pipe cap or plug and concrete

blocking for restraint to seal off existing mains indicated to remain in service. Seal ends of existing mains to be abandoned with a pipe cap or plug or with a masonry plug and minimum 6-inch cover of concrete on all sides around the end of the pipe. The Contractor shall be responsible for uncovering and verifying the size and material of the existing main to be capped or plugged.

- C. Salvaging Materials: Salvage existing fire hydrants, valve boxes, valve markers and other materials as indicated on the Drawings and deliver salvaged items in good condition to the Owner's storage yard. Coordinate delivery and placement of salvaged materials in advance with the Owner.
- D. Blow-Off Piping: Remove existing blow-off piping, located on segments of water mains to be abandoned, to a minimum of two feet below finished grade. Seal the end of remaining piping as specified above in paragraph B. Blow-off piping removed becomes the property of the Contractor.
- E. Pavement Removal and Replacement: Perform any necessary pavement removal and replacement in accordance with the details on the Drawings and Section 02741 of these Specifications.

END OF SECTION

SECTION 02741
REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT
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SECTION 02741
REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT

PART 1. GENERAL

1.1 SCOPE

- A. The Contractor shall furnish all labor, materials, equipment and appurtenances required to remove and replace existing pavements as required for the construction of new pipelines and structures. Two types of pavement which are to be removed and replaced are asphalt roadway surface pavement and concrete paving for curbs, sidewalks and driveways.
- B. Remove existing pavements as directed. After pipe laying and backfilling operations are completed, place the pavement.
- C. The Contractor will be required to hose clean all road surfaces after backfilling and before any surfacing, but in no case will pavement be placed until the trench material is dry.
- D. The Contractor shall maintain pavement under this Contract during the guarantee period of one (1) year and shall promptly refill and repave areas which have settled or are otherwise unsatisfactory for traffic.
- E. The Contractor shall furnish and spread calcium chloride on disturbed surfaces to allay dust conditions. Calcium chloride shall conform to AASHO M-144, except that the pellet or flake shall be equally acceptable.
- F. Permanent pavement shall be placed over a backfilled trench promptly after completion of the backfilling. Repaving may be delayed if the Engineer so directs, but in such case temporary pavement replacement shall be required.
- G. If, in the opinion of the Engineer, the placing of temporary pavement is necessary, the Contractor shall place the temporary pavement as described hereinafter.

1.2 RELATED WORK

- A. Section 02510 – Water Distribution

1.3 WEATHER CONDITIONS

- A. Do not place asphalt mixture when ambient air temperature is less than that indicated in the Table nor when the surface is wet or frozen.

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REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT

Lift Thickness	Min. Air Temperature, Degrees F.
1" or less	55
1.1" to 2"	45
2.1" to 3"	35
3.1" to 4"	30
4.1" to 8"	Contractor's Discretion

- B. Mixture shall be delivered to the spreader at a temperature between 250 degrees F and 325 degrees F. Place mixture when temperature of the mixture is not more than 15 degrees F below bitumen supplier's bill of lading and not more than the maximum specified temperature.
- C. Do not mix or place asphalt concrete when the existing surface is wet or frozen.

1.4 SPECIFICATIONS

- A. Except as otherwise specified herein, the Standard Specifications for Highway Construction as issued by the State of Georgia, Department of Highways and Public Transportation, Section 400, shall apply to material requirements for temporary and permanent replacement of pavements removed in excavation of trenches.

PART 2. PRODUCTS

2.1 ROADWAY SURFACE

- A. Hot Mix Asphalt Concrete Surface Courses shall consist of fine and course aggregate and mineral filler uniformly mixed with hot mix asphalt cement in an approved mixing plant. The job mix shall be 12.5 mm or matches existing and shall be a minimum of 2 inches thick conforming to Section 828, Department of Transportation, State of Georgia, Standard Specifications, current edition.

2.2 TEMPORARY PAVEMENT

- A. Where directed by the Engineer (typically if a cut's to remain open for a period longer than 1 week), the Contractor shall place temporary pavement with top matching the grade of existing pavement. The material shall be 1-1/2" of Hot Laid Asphaltic Concrete Surface Course and 6" of Stabilized Aggregate Base Course.

2.3 CONCRETE PAVEMENT BASE

- A. Concrete Pavement used for the concrete cap shall conform to Class A concrete as defined in Section 500, Department of Transportation, State of Georgia, Standard Specification, current edition.

PART 3. EXECUTION

3.1 CUTTING PAVEMENT

- A. The Contractor shall cut and remove pavement as necessary for installing the new pipe lines and appurtenances and for making connections to existing pipe lines.
- B. Before removing pavement, the pavement shall be marked for cuts nearly paralleling pipe lines and existing street lines. All pavement cuts shall be made by sawing prior to excavation to eliminate uneven and ragged edges. Concrete pavement, and asphalt pavement on concrete base, shall be scored to a depth approximately two (2) inches below the surface of the concrete along the pavement may be broken below the scoring with a jackhammer or other suitable equipment.
- C. No pavement shall be machine pulled until completely broken and separated along the marked cuts.
- D. The pavement adjacent to pipeline trenches shall neither be disturbed nor damaged. If the adjacent pavement is disturbed or damaged, irrespective of cause, the Contractor shall remove the damaged pavement and shall replace it at his own expense.

3.2 HOT MIX ASPHALT PAVEMENT CONSTRUCTION, REPAIR AND REPLACEMENT

- A. All existing pavement cut or damaged by construction under this contract shall be repaired to match the original surface material and original grade unless otherwise specified or shown on the Drawings. Materials and construction procedures for base course and pavement repair shall conform to the GA DOT Specifications for the type of original surface. When asphalt type is unknown, 125 mm shall be used.
- B. The work for new or for repair of existing pavement shall include the placing and compacting of the base course, the placing of the Portland Cement Concrete at the thickness specified in the details, the application of prime and tack coats where required, the placing and maintaining of the hot mix asphalt surface course at the thickness specified in the details, and all special requirements specified herein.
- C. The backfill shall be thoroughly compacted prior to concrete base.
- D. The asphalt surface course shall be thoroughly rolled or tamped with a mechanical roller or tamper. Rolling of patches with truck tires will not be permitted.

3.3 PLACEMENT

- A. Construction shall be in accordance with Section 400 – Hot Mix Asphaltic Concrete Surface Construction of the Department of Transportation, State of Georgia, Standard Specifications, current edition.

REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT

MIX TYPE	MIN LAYER THICKNESS	MAX LAYER THICKNESS	MAX TOTAL THICKNESS
9.5 mm	1 1/8"	2"	4"
12.5 mm	1 3/8"	2 1/4"	8"
19 mm	1 3/4"	3"	-

- B. Asphaltic concrete shall not be placed on a surface that is wet or frozen.
- C. Compaction shall commence as soon as possible after the mixture has been spread to the desired thickness. Compaction shall be continuous and uniform over the entire surface. Do not displace or extrude pavement from position. Hand compact in areas inaccessible to rolling equipment. Perform rolling with consecutive passes to achieve even and smooth finish without roller marks. Compaction rolling shall be complete before material temperature drops below 185° F.
- D. Areas of pavement with deficient thickness or density shall be removed and replaced at no additional cost to the Owner.
- E. All asphalt road cuts shall have an eight (8) inch concrete cap which shall extend not less than twelve (12) inches beyond the edges of the backfilled ditch. The top elevation of the concrete cap shall be two inches below the finished grade of the adjacent asphalt surface.

3.4 CONCRETE PAVEMENT

- A. Where the installation of pipe involves the cutting of concrete, the cutting shall be kept to a minimum. Once the pipe is installed, the Contractor shall compact the trench to 95% density according to the modified proctor. After compaction, Contractor shall install and compact a 6" thick graded aggregate base course. The base shall be poured and finished. Concrete shall be 3,000 psi and shall be equal or better than original pavement.
- B. When sidewalks are removed and replaced, match the existing dimensions, thickness and finish and construct sidewalks as detailed on the plans.

3.5 CLEAN-UP

- A. After all repair and restoration or paving has been completed, all excess asphalt, dirt, rock and other debris shall be removed from the roadways. All existing storm sewers and inlets shall be checked and cleaned of any construction debris.

3.6 MAINTENANCE OF REPAIR

- A. All wearing surfaces shall be maintained by the Contractor in good order and be suitable for traffic at all times for a period of one year after completion and acceptance of the work. Approximately at the end of the maintenance period a final

REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT

inspection will be made of the repaired surface and any settlement or of the repaired surface and any settlement or depression shall be adjusted as previously noted herein.

END OF SECTION

SECTION 02775
SIDEWALKS, DRIVEWAYS, CURBS, & GUTTERS
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SECTION 02775
SIDEWALKS, DRIVEWAYS, CURBS, & GUTTERS

PART 1. GENERAL

1.1 SCOPE

- A. The work included in this section includes furnishing all materials, equipment, and labor necessary to construct Portland Cement Concrete sidewalks, driveways, curbs, and gutters, as shown on the construction plans.

1.2 RELATED SECTIONS

- A. Section 01410 – Testing Services
- B. Section 02300 – Earthwork
- C. Section 02720 – Aggregate Base Course

1.3 REFERENCES

- A. ACI031 – Specifications for Concrete Buildings.
- B. ACI304 – Recommended Practice for Measuring, Measuring, Mixing, Transporting, and Placing Concrete.
- C. ASTM A 185-94 – Steel Welded Wire Fabric, Plain, for Concrete Reinforcement.
- D. ASTM A 497-94 – Steel Welded Wire Fabric, Deformed, for Concrete Reinforcement.
- E. ASTM A 615-95 – Deformed and Plain Billet-Street Bars for Concrete Reinforcement.
- F. ASTM C 33-93 – Concrete Aggregates.
- G. ASTM C 39-94 – Compressive Strength of Cylindrical Concrete Specimens
- H. ASTM C 94-94 – Ready-Mixed Concrete.
- I. ASTM C 150-05 – Portland Cement
- J. ASTM C 260-94 – Air – Entraining Admixtures for Concrete.
- K. ASTM C 309-94 – Liquid Membrane – Forming Compounds for Curing Concrete.

- L. ASTM C 494-92 – Chemical Admixtures for Concrete
- M. ASTM D 1751-83 (1991) – Preformed Expansion Joint Filler for Concrete Paving and Structures Construction. (Nonextruding and Resilient Bituminous Type).
- N. ASTM D 1752-84 (1992) – Performed Sponge Rubber and Cork Expansion Joint Fillers for Concrete Paving and Structural Construction.
- O. ASTM D 3740-94 – Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction.
- P. ASTM E 329-93 – Agencies Engaged in the Testing and/or Inspection of Materials used in construction.

1.4 REGULATORY REQUIREMENTS

- A. Perform work in accordance with State of Georgia, City of Stockbridge, and the Department of Transportation, State of Georgia, Standard Specifications, Current Edition.
- B. Conform to applicable standards for paving work on public property.

1.5 TESTING

- A. Testing laboratory shall operate in accordance to ASTM D 3740 and E 329 and shall be accepted by the Engineer.
- B. The testing laboratory and Project Engineer/Project Representative shall be given a minimum of 48 hours' notice prior to taking any of the tests.
- C. The Contractor shall use the service of a certified testing service to perform all density and/or compaction tests specified herein. The cost of these services shall be paid for in accordance with Section 01410.
- D. The Contractor shall submit for review a design mix for concrete proposed for use. The mix shall be prepared by an approved testing laboratory. Compressive strength of at least four (4) specimens of the design mix shall indicate 15% higher than 28 days strengths specified. During the work, the Contractor shall make 3 test cylinders for each 75 cubic yards, or fraction thereof, of concrete placed each day. One cylinder shall be tested at 7 days and the other two at 28 days in accordance with ASTM C-39. Copies of all test reports shall be furnished to the Engineer.

1.6 SUBMITTALS

- A. Product Data: Provide data on joint filler, admixtures, and curing compounds.

- B. Concrete Mix Design.

1.7 WEATHER CONDITIONS

- A. Do not place concrete when base surface temperature is less than 40° F, or surface is wet or frozen.

PART 2. PRODUCTS

2.1 FORM MATERIALS

- A. Shall conform to ACI301.
- B. Shall be wood, plywood, metal or other accepted material and shall be of the grade or type suitable to obtain the finish specified. The material should be of size and strength to resist movement during concrete placement and to retain horizontal and vertical alignment until removed. Use straight forms, free of distortion and defects.
- C. Use flexible spring steel forms or laminated boards to form radius bends as required.
- D. Form Ties: Removable or snap-off type, galvanized metal, adjustable length, free of defects that could leave holes larger than 1-inch in concrete surface.
- E. Form Release Agent: Colorless mineral oil, which will not stain concrete, or absorb moisture, or impair natural bonding or color characteristics of coating intended for use on concrete.

2.2 REINFORCING STEEL

- A. Reinforcing Steel: ASTM A 615, Grade 60 billet steel deformed bars; uncoated finish.
- B. When specifically called for on the plans, reinforcing bars shall be epoxy-coated in accordance with ASTM A775.

2.3 CONCRETE MATERIALS

- A. Concrete Materials: “Class A” and “Class B” concrete as defined by the Standard Specifications of the Department of Transportation of Georgia.
- B. Fine and Coarse Mix Aggregates: ASTM C33.
- C. Water: Potable, not detrimental to concrete
- D. Air Entrainment: ASTM C260.

2.4 JOINT SEALERS

- A. Joint Fillers: [ASTM D1751] Asphalt impregnated fiberboard or felt, tongue and grove profile.
- B. Sealant: Joints shall be sealed per detail on project drawings. ASTM C 920-94, Type S or M, Grade P or NS, Class 25.

2.5 CONCRETE MIX-BY PERFORMANCE CRITERIA

- A. Concrete mixed at the job site shall be mixed in a batch mixer in accordance with American Concrete Institution Standard A.C.I 318, and in a similar manner subject to acceptance. Ready-mixed concrete shall conform to A.S.T.M. Standard C-94. Mixing time for stationary mixers over 1 cubic yard in capacity shall be increased 15 seconds for each additional ½ cubic yard or fraction thereof materials mixed. Construction shall be in accordance with applicable portions of “Building Code Requirements for Concrete” (A.C.I. – 318).
- B. Provide concrete to the following criteria:

	Sidewalks & Driveways	Curbs & Gutters
1. Minimum Content Factor	611 lbs/yd ³	470 lbs/yd ³
2. Compressive Strength	3,000 psi	2,200 psi
3. Slump	2 to 4 inches	0 – 2.5 inches
4. Air Content	2.5% to 6%	0% - 6.0%
5. Course Aggregate Size No.	56, 57, 67	57

- C. Use accelerating admixtures in cold weather only when approved by Engineer. Use of admixtures will not relax cold weather placement requirements.
- D. Use calcium chloride only approved by Engineer.
- E. Use set retarding admixtures during hot weather only when approved by Engineer.

2.6 SOURCE QUALITY CONTROL AND TEST

- A. All sampling and testing services shall be performed at the Contractor’s expense, by a testing laboratory which operates in accordance with ASTM D 3740 and E 329 latest edition and accepted by the Engineer.
- B. The Contractor shall submit for review a design mix for each class of concrete proposed for use. The mix shall be prepared by an approved testing laboratory.

Compressive strength of a least four specimens of the design mix shall indicate 15% higher than 28 days strength specified. During the work, the Contractor shall make 3 test cylinders for each 75 cubic yards, or fraction thereof, of concrete placed each day. One cylinder shall be tested at 7 days and the other two at 28 days in accordance with ASTM C 39. Copies of all test reports shall be furnished to the Engineer in duplicate.

PART 3. EXECUTION

3.1 CONSTRUCTION OBSERVATION

- A. Verify compacted subgrade & granular base are acceptable and ready to support paving and imposed loads.
- B. Verify gradients and elevations of base are correct.
- C. The Engineer will have the right to require that any portion of the work be done in his presence and if the work is covered up after such instruction, it shall be exposed by the Contractor for observation. However, if the Contractor notifies the Engineer that such work is scheduled, and the Engineer fails to appear within 48 hours, the Contractor may proceed without him. All work done and materials furnished shall be subject to review by the Engineer or Project Representative. Improper work shall be reconstructed. All materials, which do not conform to the requirements of the specifications, shall be removed from the work upon notice being received from the Engineer for the rejection of such materials. The Engineer shall have the right to mark rejected materials so as to distinguish them as such.

3.2 SUBBASE

- A. Prepare subbase in accordance with Section 300 - Standard Specifications for Base and Subbase Courses, Department of Transportation, State of Georgia, current Edition.
- B. Remove loose material from compacted subbase surface immediately before placing concrete.
- C. Proof-roll prepared subbase surface to check for unstable areas and need for additional compaction. Do not begin paving work until such conditions have been corrected and area is ready to receive paving.

3.3 PREPARATION FOR PLACEMENT

- A. Water shall be removed from excavations before concrete is deposited. Hardened concrete debris, and other foreign materials shall be removed from the interior of forms and from the inside of mixing and conveying equipment. The reinforcement

shall be made secure in position and shall be subject to examination and acceptance.

- B. Moisten base to minimize absorption of water from fresh concrete.
- C. Notify Engineer minimum 48 hours prior to commencement of concreting operations.

3.4 FORMING

- A. Place and secure forms to correct location, dimension, profile, and gradient.
- B. Assemble formwork to permit easy stripping and dismantling without damaging concrete.
- C. Place joint filler in position, in straight lines. Secure to formwork during concrete placement.
- D. Forms shall be constructed to the shape, form line, and grade required and shall be maintained sufficiently rigid to prevent deformation under load. Formwork and details of construction shall conform to ACI-318, Chapter 6.
- E. Check completed formwork for grade and alignment to following tolerances:

Top of forms not more than 1/8" in 10'.

Vertical face on longitudinal axis, not more than 1/4" in 10'.

3.5 REINFORCING

- A. Place Reinforcement as indicated.
- B. Interrupt reinforcement at expansion joints.

3.6 PLACING CONCRETE

- A. Placing of concrete shall conform to Chapter 5 of the American Concrete Institution Standard A.C.I. 318. Concrete having attained initial set or having contained water for more than 45 minutes shall not be used in the work. Concrete shall not be dropped freely more than 3 feet. Concrete shall be mixed and placed only when the temperature is at least 40 degrees F and rising. Concrete shall be placed only upon surfaces that are free from frost, ice, mud and other detrimental circumstances. When placed on dry soil or previous materials, waterproof paper or polyethylene sheeting shall be laid over the surfaces that are to receive the concrete.
- B. Ensure reinforcement, inserts, embedded parts, and formed joints are not disturbed during concrete placement.

- C. Place concrete continuously over the full width of the panel and between predetermined construction joints. Do not break or interrupt successive pours such that cold joints occur.

3.7 JOINTS

- A. Place expansion and/or contraction joints at 20-foot intervals. Align curb, gutter, and sidewalk joints.
- B. Place joint filler between paving components and building or other appurtenances. Recess to of filler $\frac{1}{4}$ inch.
- C. Provide swan joints at 3 feet intervals between sidewalks and curbs.
- D. Saw cut contraction joints $\frac{3}{16}$ -inch-wide at an optimum time after finishing. Cut $\frac{1}{3}$ into depth of slab.
- E. Finishing: After striking-off and consolidating concrete, smooth surface by screeding and floating. Use hand methods only where mechanical floating is not possible. Adjust floating to compact surface and produce uniform texture.

After floating, test surface for trueness with a 10' straightedge. Distribute concrete as required to remove subsurface irregularities and refloat areas to provide a continuous smooth finish.

3.8 FINISHING

- A. Concrete Finishing: After striking-off and consolidating concrete, smooth surface by screeding and floating. Use hand methods only where mechanical floating is not possible. Adjust floating to compact surface and produce uniform texture.
- B. After floating, test surface for trueness with a 10' straightedge. Distribute concrete as required to remove surface irregularities and refloat repaired areas to provide a continuous smooth finish.
- C. Work edges of gutters, back top edge of curb, and formed joints with an edging tool, and round to $\frac{1}{2}$ " radius, unless otherwise indicated. Eliminate tool marks on concrete surface.
- D. Do not remove forms for 24 hours after concrete has been placed. After form removal, clean ends of joints and point-up any minor honeycombed areas. Remove and replace areas or sections with major defects, as directed by Architects.

3.9 CONCRETE CURING

- A. Immediately after placement and finishing, concrete shall be protected from moisture loss for not less than 7 days. For concrete surfaces not in contact with

forms, white-pigmented curing compound shall be uniformly applied after water sheen disappears from the concrete surface. Formed surfaces shall receive an application of curing compound if forms are removed during the 7-day curing period. Curing compound shall not be applied during rainfall.

- B. Curing compound shall be applied under pressure at the rate of 1 gallon to not more than 150 square feet by mechanical sprayers. The spraying equipment shall be of the fully atomizing type. At the time of use, the compound shall be thoroughly mixed with white pigments uniformly dispersed throughout the sprayer. Care shall be taken to prevent application to joints where concrete bond is required for reinforcing steel and to joints where joint sealer is to be placed. The compound shall form a uniform continuous coherent film that will not crack or peel and shall be free from pinholes and other imperfections. Concrete surfaces that are subjected to heavy rainfall within 3 hours after curing compound has been applied shall be resprayed by the above method and at the above coverage at no additional expense to the Owner.
- C. No pedestrian or vehicular traffic shall be allowed over the surface for seven days unless the surface is protected by planks, plywood, or sand. The protection shall not be placed until at least 12 hours after the application of the curing compound.
- D. Protect concrete by suitable methods to prevent damage by mechanical injury or excessively hot or cold temperatures.

3.10 FIELD QUALITY CONTROL

- A. Three concrete cylinders will be taken every 75 cubic yards of concrete placed each day.
- B. One additional test cylinder will be taken during cold weather and cured on site under same conditions as concrete it represents, if accelerating mixture used.
- C. One slump test will be taken for each set of test cylinders taken.
- D. Maintain records of placed concrete items. Record date, location of pour, quantity, air temperature, and test samples taken.

3.11 PROTECTION

- A. Immediately after placement, protect pavement from premature drying, excessive hot or cold temperatures, and mechanical injury.
- B. Repair or Replace broken or defective concrete, as directed by Engineer.
- C. Allow testing company to drill test cores where directed by Engineer, when necessary to determine magnitude of cracks or defective areas. Fill drilled core

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SIDEWALKS, DRIVEWAYS, CURBS, & GUTTERS

holes in satisfactory pavement areas with portland cement concrete bonded to pavement with epoxy adhesive.

- D. Protect concrete from damage until acceptance of work. Exclude traffic from pavement for at least 14 days after placement. When construction traffic is permitted, maintain pavement as clean as possible by removing surface stains and spillage of materials as they occur.
- E. Sweep concrete curb and gutter and wash free of stains, discolorations, dirt, and other foreign material just prior to final inspection.

END OF SECTION

**SECTION 02920
GRASSING
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SECTION 02920
GRASSING

PART 1. GENERAL

1.1 SECTION INCLUDES

- A. Ground preparation, seeding, planting grass, fertilizing, and mulching of graded areas, around structures, over pipelines, in rights-of-way, roadway shoulders, and any other disturbed area.
- B. Seed Protection.
- C. Maintaining seeded areas until final acceptance.

1.2 RELATED SECTIONS

- A. Section 02300 – Earthwork
- B. Section 02370 – Erosion and Sedimentation Control

1.3 DELIVERY, STORAGE, AND HANDLING

- A. Deliver grass seed in original containers showing analysis of seed mixture, percentage of pure seed, year of production, net weight, date of packaging and location of packaging. Damaged packages are not acceptable.
- B. Deliver fertilizer in waterproof bags showing weight, chemical analysis, and name of manufacturer. Damaged bags are not acceptable.
- C. Deliver sod on pallets.
- D. All materials shall be acceptable to Engineer prior to use.

1.4 PLANTING DATES

- A. This specification provides for the establishment of a permanent grass cover between the dates shown on the Drawings. If finished earth grades are not completed in time to permit planting and establishment of the permanent grass during the favorable season between the dates specified above unless otherwise accepted, the Contractor will be required to plan a temporary cover to protect the new graded areas from erosion and to keep windblown dust to a minimum. The temporary cover shall be planted between dates shown on the Drawings unless otherwise permitted.

1.5 REFERENCE

- A. Grassing shall conform to the “Manual For Erosion and Sediment Control in Georgia”, latest edition and Section 700 and 890 of the Georgia Department of Transportation Manual, whichever is more stringent.

PART 2. PRODUCTS

2.1 SEED

- A. All grass seed shall be certified by the Georgia Department of Agriculture.
- B. All grass seed shall be delivered to the site be in undamaged containers showing the dealer’s guarantee as to the percentage of seed mix, year of production, percentage of germination, net weight, date of packaging and location of packaging.
- C. Selected grasses shall be appropriate for the season and site as specified by the Manual.
- D. Selected seed shall be equal type and grade to the previously existing grass.
- E. Any seed delivered prior to use shall be stored in such a manner that it will be protected from damage by heat, moisture, rodents, or other cause.
- F. The Engineer reserves the right to test, reject, or accept all seed before seeding.

2.2 FERTILIZER

- A. Commercial fertilizer of approved type rates as shown on the Drawings conforming to State fertilizer laws shall be applied.

2.3 SEEDING SCHEDULE

- A. Schedule: See Drawings
- B. In areas where existing grass is to be matched, contractor shall sow seed at the rate and dates recommended by seed distributor.

2.4 LIME

- A. Agricultural grade, ground limestone shall be applied at rates determined by a soils test conducted by the Contractor.

2.5 SOD

- A. Sod shall be densely rooted, good quality grass, free from noxious weeds. The sod

shall be obtained from areas where the soil is reasonably fertile. The sod shall be raked free of all debris and the grass mowed to two inches before cutting. The sod shall contain practically all of the dense root system and not be less than one (1) inch thick. Sod shall be cut in uniform strips not less than twelve (12) inches in width and not less than twenty-four (24) inches in length. Sod species shall match the adjacent grass.

2.6 HYDROSEED

- A. The Contractor may hydroseed in lieu of seeding grass in areas not to be landscaped or sodded. At least 10 days prior to beginning hydroseeding, the Contractor shall submit to the Engineer a statement of hydro seeding, which shall contain, but not limited to, the following items: seed mixture combination, type of fertilizers and soil amenders, type of mulch fibers, type of binder, application rates, type of spraying equipment and agitator.
- B. Equipment shall have a built-in agitation system and operating capacity sufficient to agitate, suspend and homogeneously mix a slurry containing not less than 44 lbs. of organic mulching amendment plus fertilizer, chemical additives and solids for each 100 gallons of water.
- C. Cellulose Fiber Mulch: Apply at a minimum rate of 1,500 lbs./acre.
- D. Fertilizers: See Paragraph 2.2
- E. Organic tackifier: Apply at a rate of 70 lbs./acre.
- F. Hydroseed seed mix shall be applied at the lbs./1,000 sq.ft. designated in the planting schedule on the Drawings.

2.7 ACCESSORIES

- A. Straw Mulch: Oat or wheat straw reasonably free from weeds, foreign matter detrimental to plant life, and in dry condition.
- B. Excelsior Mulch: Excelsior mulch shall consist of wood fibers cut from sound, green timber. The average length of the fibers shall be 4 to 6 inches. The cut shall be made in such a manner as to provide maximum strength of fiber, but at a slight angle to the natural grain of the wood so as to cause splintering of the fibers when weathering in order to provide adherence to each other and to the soil.
- C. Wood cellulose fiber shall be made from wood chip particles manufactured particularly for discharging uniformly on the ground surface when dispersed by a hydraulic water sprayer. It shall remain in uniform suspension in water under agitation and blend with grass seed and fertilizer to form homogenous slurry. The mulch fibers shall intertwine physically to form a strong moisture holding mat on the

ground surface and allow rainfall to percolate into the underlying soil. The mulch shall be heat processed so as to contain no germination or growth-inhibiting factors. It shall be dyed (non-toxic) an appropriate color to facilitate metering of material.

2.8 PRODUCT REVIEW

- A. The Contractor shall provide the Engineer with a complete description of all products before ordering. The Engineer will review all products before they are ordered.

PART 3. EXECUTION

3.1 GENERAL

- A. All areas that are disturbed by the work, including trenches and ungraded clear areas, except areas to be paved, shall be provided with a full stand of permanent grass.
- B. Concentrated flow areas, all slopes steeper than 2.5:1 and with a height of ten feet or greater, and cuts and fills within stream buffers, shall be stabilized with appropriate slope stabilization Best Management Practices.

3.2 PREPARATION

- A. The areas to be seeded shall be made smooth and uniform and shall conform to the finished grade indicated on the plans. Remove high areas and fill depressions.
- B. Remove foreign materials, plants, roots, stones, lumps, clods and debris from surfaces to be seeded.
- C. Grassing areas, if not loose, shall be loosened to a minimum depth of 3 inches before fertilizer, seed, or sod is applied.

3.3 STAND OF GRASS

- A. Before acceptance of the seeding performed for the establishment of permanent vegetation, the Contractor will be required to produce a satisfactory stand of perennial grass whose root system shall be developed sufficiently to survive dry periods and the winter weather and be capable of re-establishment in the spring.
- B. Before acceptance of the seeding performed for the establishment of temporary vegetation, the Contractor will be required to produce a stand of grass sufficient to control erosion for a given area and length of time before the next phase of construction or the establishment of permanent vegetation is to commence.

3.4 SEEDING DATES

-
- A. Seeding shall be performed during the periods and at the rates specified in the seeding schedules on the Drawings. Seeding work may, at the discretion of the Contractor, be performed throughout the year using the schedule prescribed for the given period. Seeding work shall not be conducted when the ground is frozen or excessively wet. The Contractor will be required to produce a satisfactory stand of grass regardless of the period of the year the work is performed.

3.5 APPLYING LIME AND FERTILIZER

- A. Following advance preparation and placing selected material for shoulders and slopes, lime, if called for based on soil tests, and fertilizer, shall be spread uniformly over the designated areas and shall be thoroughly mixed with the soil to a depth of approximately 2 inches. Fertilizer shall be applied at the rate shown on the Drawings for the first application unless otherwise directed by the Engineer. Lime shall be applied at the rate determined by a soil test conducted by the Contractor. Unless otherwise provided, lime will not be applied for temporary seeding. In all cases where practicable, acceptable mechanical spreaders shall be used for spreading fertilizer. On steep slopes subject to slides and inaccessible to power equipment, the slopes shall be adequately scarified. Fertilizer may be applied on steep slopes by hydraulic thuds as a mixture of fertilizer and seed. When fertilizer is applied with combination seed and fertilizer drills, no further incorporation will be necessary. The fertilizer and seed shall be applied together when Wood Cellulose Fiber Mulch is used. Any stones larger than 1-inch in any dimension, larger clod, roots, or other debris brought to the surface shall be removed.

3.6 SEEDING

- A. Seed shall be sown within 24 hours following the application of fertilizer and lime and preparation of the seedbed as specified in Section 3.2. Seed shall be uniformly sown at the rate specified by the use of acceptable mechanical seed drills. Rotary hand seeders, power sprayers or other satisfactory equipment may be used on steep slopes or on other areas that are inaccessible to seed drills.
- B. The seed shall be covered and lightly compacted by means of cultipacker or light roller if the drill does not perform this operation. On slopes inaccessible to compaction equipment, the seed shall be covered by dragging spiked chains, by light harrowing, or by other satisfactory methods.
- C. Apply water with fine spray immediately after each area has been sown.
- D. Do not sow seed when ground is too dry, during windy periods or immediately following a rain.
- E. If permitted by the special provisions, wood cellulose fiber mulch or excelsior fiber mulch may be used.

3.7 SEED PROTECTION (STRAW MULCH)

- A. All seeded areas seeded with permanent grasses shall be uniformly mulched in a continuous blanket immediately following seeding and compacting operations, using at least 2 tons of straw per acre.

3.8 SEED PROTECTION (EXCELSIOR MULCH)

- A. Seed shall be sown as specified in Section 3.6. Within 24 hours after the covering of seed, excelsior mulch shall be uniformly applied at the rate of 2 tons per acre. The mulch may be applied hydraulically or by other acceptable methods. Should the mulch be placed in a dry condition, it shall be thoroughly wetted immediately after placing. The Engineer may require light rolling of the mulch to form a tight mat.

3.9 SEED PROTECTION (WOOD CELLULOSE FIBER MULCH)

- A. After the lime has been applied and ground prepared as specified in Section 3.2, wood cellulose fiber mulch shall be applied at the rate of 1,500 pounds per acre in a mixture of seed and fertilizer. Hydraulic equipment shall be used for the application of fertilizer, seed and slurry of the prepared wood pulp. This equipment shall have a built-in agitation system with an operating capacity sufficient to agitate, suspend, and homogeneously mix a slurry of the specified amount of fiber, fertilizer, seed and water. The slurry distribution lines shall be equipped with a set of hydraulic spray nozzles, which will provide an even distribution of the slurry on the various areas to be seeded. The slurry tank shall have a minimum capacity of 1,000 gallons.
- B. The seed, fertilizer, wood pulp mulch, and water shall all be combined into the slurry tank for distribution of all ingredients in one operation by the hydraulic seeding method specified herein. The materials shall be combined in a manner recommended by the manufacturer. The slurry mixture shall be so regulated that the amounts and rates of application shall result in a uniform application of all materials at rates not less than the amount specified. Using the color of the wood pulp as a guide, the equipment operator shall spray the prepared seedbed with a uniform visible coat. The slurry shall be applied in a sweeping motion, in an arched stream so as to fall like rain, allowing the wood fibers to build upon each other until an even coat is achieved.

3.10 PREPARATION FOR PLANTING LAWNS

- A. Where lawns are to be planted, prepare soil for lawn planting as follows: Till in all temporary vegetation to a depth of not less than 6 inches. Apply soil amendments and initial fertilizers as specified. Remove high areas and fill in depressions. Till soil to a homogenous mixture of fine texture, free of lumps, clods, stones, roots and other extraneous matter.
 - 1. Prior to preparation of planting areas, remove existing grass, vegetation

and turf. Do not turn existing vegetation over into soil being prepared for lawns.

2. Apply specified commercial fertilizer at rates specified and thoroughly mix into upper 2 inches of topsoil. Delay application of fertilizer if lawn planting will not follow within a few days.

3.11 SODDING

- A. Sod shall be placed between March 1 and December 1 to all existing sodded areas that have been disturbed, where indicated on the Drawings, or if necessary, for slope stabilization.
- B. Sod shall be placed within 48 hours of cutting.
- C. Sod shall be moist when laid and placed on moist ground. The sod shall be carefully placed by hand, beginning at the toe of slopes and working upwards. The length of the strips shall be at right angles to the flow of surface water. All joints shall be tightly butted and end joints shall be staggered at least 12 inches. The sod shall be immediately pressed firmly into the ground by tamping or rolling. Fill all joints between strips with fine screened soil. Sod on slopes shall be pegged with sod pegs to prevent movement. The sod shall be watered, mowed, weeded, repaired or otherwise maintained, to insure the establishment of a uniform healthy stand of grass until acceptance.

3.12 HYDROSEEDING

- A. Installation procedures:
 1. Inspection of conditions: Examine related work including irrigation and grading of surface before proceeding with any work and notify the Engineer in writing on conditions which may prevent the proper execution of this work. Failure to report unsuitable conditions will require the contractor to rectify unacceptable work at no additional cost to the Owner.
 2. Water all plant areas thoroughly to saturate upper layers of soil prior to the hydroseeding operation.
 3. Allow the planting area soil surface to dry out for one day only prior to the hydroseeding application. Exercise care not to allow the soil surface to be overly saturated with water prior to the hydroseeding installation. At the same time the soil surface should not become too dry during this period. There should be some residual moisture within the first 1/4 inch of the soil surface.
 4. Prior to starting the hydroseeding operation notify the Engineer forty-eight

(48) hours in advance to be present at start of start of hydroseeding.

B. Hydroseeding Application:

1. Apply the hydroseeding in the form of a slurry consisting of organic soil amendments, commercial fertilizer, and any other chemicals that are called out. When hydraulically sprayed onto the soil, the mulch shall form a blotter-like material. Direct the spray operation so that this procedure will drill and mix the slurry components into the soil, the slurry spray will also penetrate the soil surface, thus ensuring maximum impregnation and coverage. The impregnation and mixing of the components will help in retaining moisture while stabilizing soil surface from superficial erosion.
2. Do not let the hydroseeding slurry components in the hydroseeding machine for more than two (2) hours because of possible seed destruction. If slurry components are left for more than two hours in the machine, add 50% more of the originally specified seed mix to any slurry mixture which has not been applied within the two hours after mixing. Add 75% more of the original seed mix to any slurry mixture which has not been applied eight (8) hours after mixing. All mixtures more than eight (8) hours old, must be disposed, off-site, at the Contractor's expense.
3. Spray the area with a uniform visible coat, using the dark color of the cellulose fiber as a visual guide. The slurry shall be applied in a downward drilling motion via a fan stream nozzle. Insure that all of the slurry components enter and mix with the soil. Insure the uniformity of the hydroseed application. The hydraulic Contractor shall be approved by the Engineer.
4. Exercise special care to prevent any of the slurry from being sprayed onto any hardscape areas including concrete walks, fences, walls, buildings, etc. Remove all slurry sprayed onto these surfaces at the Contractor's expense.
5. Contractor shall save all seed and fertilizer tags and fiber mulch bags for the Engineer to verify compliance with the drawings and specifications.
6. The Engineer shall be present during the hydroseeding operation and has final determination if conditions are acceptable for hydroseed application.

3.13 MAINTENANCE

- A. Maintain seeded and sodded surfaces immediately after planting and until Substantial Completion. If seeded and/or sodded grass is not fully established at the time of Substantial Completion, continue maintenance until an acceptable stand of grass is established and Final Stabilization occurs.

- B. Maintenance shall consist of: providing protection against traffic; watering to ensure

uniform seed germination and to keep surface of soil damp; fertilizing; weeding; mowing and trimming; rolling; re-grading; and repairing and replanting any areas damaged as a result of construction operations or erosion so that a smooth acceptable lawn free of eroded or bare areas is established.

- C. If a poor stand of grass is present, re-seed as required to achieve Final Stabilization. Replace sod as needed.
- D. After grass has been established, mow as often as needed to maintain height between 4 and 6 inches until final acceptance. Do not delay mowing until grass blades bend over and become matted. Do not mow grass when it is wet.

3.14 ACCEPTANCE

- A. Before acceptance of the seeding performed for the establishment of permanent vegetation, the Contractor will be required to produce a satisfactory stand of perennial grass that covers at least 98% of the total areas with no bare spots exceeding one (1) square foot so that it is fully stabilized against erosion and whose root system shall be developed sufficiently to survive dry periods and the winter weather and be capable of re-establishment in the spring.

END OF SECTION



City of Stockbridge

AGENDA ITEM

MEETING DATE

January 31, 2023

FUNDING SOURCE

- ☒ RESOLUTION
- ☐ ORDINANCE
- ☐ CONTRACT APPROVAL/RENEWAL
- ☐ PUBLIC HEARING
- ☐ PRESENTATION
- ☐ BID SELECTION/AWARD
- ☐ TASK ORDER
- ☐ CHANGE ORDER
- ☐ BUDGET AMENDMENT
- ☐ BUDGET TRANSFER
- ☐ PAYMENT APPROVAL
- ☐ OTHER

- ☐ GENERAL FUND/POLICE DEPT.
- ☐ FUND BALANCE
- ☐ SPLOST
- ☐ TSPLOST
- ☐ GRANT
- ☐ HOTEL/MOTEL TOURISM
- ☐ COUNCIL INITIATIVE
- ☐ PARTNER/SPONSOR
- ☐ DEPARTMENT FUND BALANCE
- ☐ BONDING

ACCOUNT TRANSFER FROM:

ACCOUNT TRANSFER TO:

PRESENTER: Major Glenn Kalish

DEPARTMENT: POLICE DEPARTMENT

ITEM/PROJECT/EVENT: Approval of City Roadways for the Use of Speed Detection Devices

Council consideration to approve amended list of roadways for use of speed detection devices.

BACKGROUND INFORMATION:

The Stockbridge Police Department is required to obtain permitting for the Georgia Department of Public Safety to utilize speed detection devices to enforce speed laws within the city limits. The speed detection permit application requires the approval of the City governing authority prior to submission to the Georgia Department of Public Safety. Resolution #R22-1451 was approved by Council on April 26, 2022. The Stockbridge Police Department submits an amended list of roadways based upon annexation.

APPROVALS: CITY MANAGER _____

CITY TREASURER _____

CITY ATTORNEY _____

CHIEF OF POLICE _____

Frank J. Janner

☐ FINANCIAL IMPACT ☐ N/A

AMOUNT \$

ATTACHMENTS: ☐

100

LIST NUMBER

[illegible]

SCHOOL ZONES ARE EFFECTIVE

A.M. from 30 minutes prior to commencement time to 30 minutes after commencement time

SCHOOL DAYS ONLY.

P.M. from 30 minutes prior to dismissal time to 30 minutes after dismissal time –
SCHOOL DAYS ONLY.

OFF-SYSTEM ROADWAYS

ALL OFF-SYSTEM ROUTES WILL NOT BE VERIFIED BY GEORGIA DEPARTMENT OF TRANSPORTATION

ROAD NAME	WITHIN THE CITY / TOWN LIMITS OF and/or School Name	FROM	TO	LENGTH IN MILES	SPEED LIMIT
Davidson Parkway	STOCKBRIDGE	North Henry Boulevard	Clayton County Line	0.70	35
Davis Road	STOCKBRIDGE	Burke Street	Ansley Park Mobile Home Park	1.03	35
East Atlanta Road	STOCKBRIDGE	S.R. 42	North City Limits of Stockbridge (380 feet north of Valley Hill Road)	1.00	35
Flippen Road	STOCKBRIDGE	Appleton Blvd	SR-42/SR-138 (North Henry Boulevard)	0.40	35
Old Atlanta Road	STOCKBRIDGE	Flippen Road	Davidson Parkway	1.00	35
Old Conyers Road	STOCKBRIDGE	East Atlanta Road	East City Limits of Stockbridge (1335 feet east of Collier Road)	0.50	35
Rock Quarry Road	STOCKBRIDGE	South City Limits of Stockbridge (625 feet north of Reeves Pkwy)	S.R. 42	0.70	35
Shields Road	STOCKBRIDGE	S.R. 42	Davis Road	0.90	35
Tye Street	STOCKBRIDGE	S.R. 42	Red Oak Road	1.10	35
Rock Quarry Road	STOCKBRIDGE	S.R. 42	South City Limits of Stockbridge (800ft south of M.L.K. Senior Heritage Trail)	0.80	35
Mount Zion Parkway	STOCKBRIDGE	S.R. 138	North City Limits of Stockbridge (2900ft east of Fielder Road)	0.62	45
Speer Road	STOCKBRIDGE	S.R. 138	North Mill Road	0.30	45
Walt Stephens Road	STOCKBRIDGE	Manderly Drive	Durham Way	0.80	45
Walk Stephens Road	STOCKBRIDGE Red Oak Elementary 7:15 to 8:15 am 2:00 to 3:00 pm SCHOOL DAYS ONLY	East Beacon (77 feet west of Carriage Lake Drive)	Manderly Drive	0.71	35

SCHOOL ZONES ARE EFFECTIVE

A.M. from 45 minutes prior to commencement time to 15 minutes after commencement time

SCHOOL DAYS ONLY.

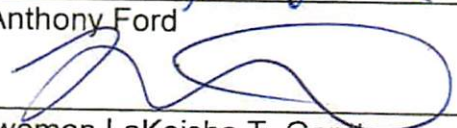
P.M. from 15 minutes prior to dismissal time to 45 minutes after dismissal time –
SCHOOL DAYS ONLY.

ALL LISTS AND PARTS OF LISTS IN CONFLICT WITH THIS LIST ARE HEREBY
REPEALED.

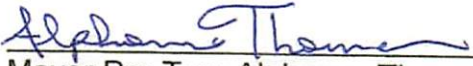
Signature of Governing Authority:



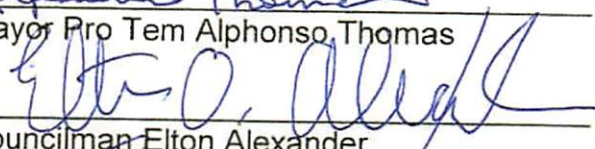
Mayor Anthony Ford



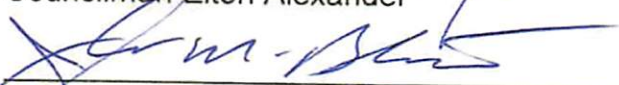
Councilwoman LaKeisha T. Gantt



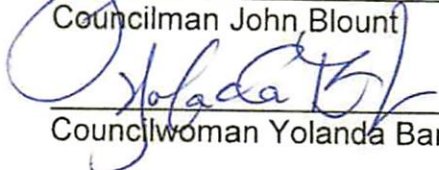
Mayor Pro Tem Alphonso Thomas



Councilman Elton Alexander



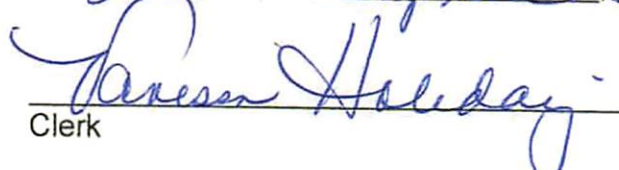
Councilman John Blount



Councilwoman Yolanda Barber

Sworn and Subscribed before me

This 26th day of April, 2022



Clerk



The Stockbridge City Council is hereby requesting that the following roadways be approved for the use of speed detection devices:

LIST OF ROADWAYS
for
City of Stockbridge

ON-SYSTEM ROADWAYS

ALL ON-SYSTEM ROUTES HAVE BEEN VERIFIED BY GEORGIA DEPARTMENT OF
TRANSPORTATION

STATE ROUTE	WITHIN THE CITY / TOWN LIMITS OF and/or School Name	FROM	MILE POINT	TO	MILE POINT	LENGTH IN MILES	SPEED LIMIT
S.R. 42 U.S. 23	STOCKBRIDGE	550 feet north of Inverness Avenue	15.80	1520 feet south of Brannan Road	16.20	0.40	55
S.R. 42 U.S. 23 SCHOOL ZONE	<i>Eagles Landing Christian Academy</i> 7:15 to 8:30 am 2:30 to 3:30 pm	597' North of Technology Parkway	15.83	2,222' North of Technology Parkway	16.11	0.28	45
S.R. 42 U.S. 23	STOCKBRIDGE	900 feet north of Brannan Road	16.64	1750 feet south of Wilson Road	17.44	0.80	55
S.R. 42 U.S. 23	STOCKBRIDGE	250 feet north of Scott Boulevard (South City Limits of Stockbridge)	19.48	100 feet south of Mann Boulevard	19.86	0.38	45
S.R. 42 U.S. 23	STOCKBRIDGE	100 feet south of Mann Boulevard	19.86	200 feet south of Flippen Road	20.99	1.13	35
S.R. 42 U.S. 23 SCHOOL ZONE	STOCKBRIDGE <i>Stockbridge Elementary</i> 7:00 to 8:00 am 2:00 to 3:00 pm SCHOOL DAYS ONLY	200 feet south of North Lee Street	20.07	200 feet north of East Atlanta Road	20.30	0.23	30
S.R. 42 U.S. 23	STOCKBRIDGE	200 feet south of Flippen Road	20.99	350 feet north of Old Atlanta Road (North City Limits of Stockbridge)	22.19	1.20	45
S.R. 138	STOCKBRIDGE	State Route 138 runs common with State Route 42 from M.P. 2.26 to M.P. 4.82 a distance of 2.56 miles					

SCHOOL ZONES ARE EFFECTIVE

A.M. from 30 minutes prior to commencement time to 30 minutes after commencement time

—
SCHOOL DAYS ONLY.

P.M. from 30 minutes prior to dismissal time to 30 minutes after dismissal time —
SCHOOL DAYS ONLY.

OFF-SYSTEM ROADWAYS

**ALL OFF-SYSTEM ROUTES WILL NOT BE VERIFIED BY GEORGIA DEPARTMENT OF
TRANSPORTATION**

ROAD NAME	WITHIN THE CITY / TOWN LIMITS OF and/or School Name	FROM	TO	LENGTH IN MILES	SPEED LIMIT
Davidson Parkway	STOCKBRIDGE	North Henry Boulevard	Clayton County Line	0.70	35
Davis Road	STOCKBRIDGE	Burke Street	Ansley Park Mobile Home Park	1.03	35
East Atlanta Road	STOCKBRIDGE	S.R. 42	North City Limits of Stockbridge (380 feet north of Valley Hill Road)	1.00	35
Flippen Road	STOCKBRIDGE	Appleton Blvd	SR-42/SR-138 (North Henry Boulevard)	0.40	35
Mount Zion Parkway	STOCKBRIDGE	S.R. 138	North City Limits of Stockbridge (2900ft east of Fielder Road)	0.62	45
Old Atlanta Road	STOCKBRIDGE	Flippen Road	Davidson Parkway	1.00	35
Old Conyers Road	STOCKBRIDGE	East Atlanta Road	East City Limits of Stockbridge (1335 feet east of Collier Road)	0.50	35
Rock Quarry Road	STOCKBRIDGE	South City Limits of Stockbridge (625 feet north of Reeves Pkwy)	S.R. 42	0.70	35
Rock Quarry Road	STOCKBRIDGE	S.R. 42	South City Limits of Stockbridge (800ft south of M.L.K. Senior Heritage Trail)	0.80	35
Shields Road	STOCKBRIDGE	S.R. 42	Davis Road	0.90	35
Speer Road	STOCKBRIDGE	S.R. 138	North Mill Road	0.30	45
Tye Street	STOCKBRIDGE	S.R. 42	Red Oak Road	1.10	35
Walt Stephens Road	STOCKBRIDGE <i>Red Oak Elementary</i> 7:15 to 8:15 am 2:00 to 3:00 pm SCHOOL DAYS ONLY	77 feet west of Carriage Lake Drive	Manderly Drive	0.67	35
Walt Stephens Road	STOCKBRIDGE	Manderly Drive	Durham Way	0.80	45

The Stockbridge City Council is hereby requesting that the following roadways be approved for the use of speed detection devices:

LIST OF ROADWAYS

for

City of Stockbridge

ON-SYSTEM ROADWAYS

ALL ON-SYSTEM ROUTES HAVE BEEN VERIFIED BY GEORGIA DEPARTMENT OF TRANSPORTATION

STATE ROUTE	WITHIN THE CITY / TOWN LIMITS OF and/or School Name	FROM	MILE POINT	TO	MILE POINT	LENGTH IN MILES	SPEED LIMIT
S.R. 42 U.S. 23	STOCKBRIDGE	550 feet north of Inverness Avenue	15.80	1520 feet south of Brannan Road	16.20	0.40	55
S.R. 42 U.S. 23 SCHOOL ZONE	<i>Eagles Landing Christian Academy</i> 7:15 to 8:30 am 2:30 to 3:30 pm	597' North of Technology Parkway	15.83	2,222' North of Technology Parkway	16.11	0.28	45
S.R. 42 U.S. 23	STOCKBRIDGE	900 feet north of Brannan Road	16.64	1750 feet south of Wilson Road	17.44	0.80	55
S.R. 42 U.S. 23	STOCKBRIDGE	250 feet north of Scott Boulevard (South City Limits of Stockbridge)	19.48	100 feet south of Mann Boulevard	19.86	0.38	45
S.R. 42 U.S. 23	STOCKBRIDGE	100 feet south of Mann Boulevard	19.86	200 feet south of Flippen Road	20.99	1.13	35
S.R. 42 U.S. 23 SCHOOL ZONE	<i>Stockbridge Elementary</i> 7:00 to 8:00 am 2:00 to 3:00 pm SCHOOL DAYS ONLY	200 feet south of North Lee Street	20.07	200 feet north of East Atlanta Road	20.30	0.23	30
S.R. 42 U.S. 23	STOCKBRIDGE	200 feet south of Flippen Road	20.99	350 feet north of Old Atlanta Road (North City Limits of Stockbridge)	22.19	1.20	45
S.R. 138	STOCKBRIDGE	State Route 138 runs common with State Route 42 from M.P. 2.26 to M.P. 4.82 a distance of 2.56 miles					

SCHOOL ZONES ARE EFFECTIVE

A.M. from 30 minutes prior to commencement time to 30 minutes after commencement time

SCHOOL DAYS ONLY.

P.M. from 30 minutes prior to dismissal time to 30 minutes after dismissal time –
SCHOOL DAYS ONLY.

OFF-SYSTEM ROADWAYS

**ALL OFF-SYSTEM ROUTES WILL NOT BE VERIFIED BY GEORGIA DEPARTMENT OF
TRANSPORTATION**

ROAD NAME	WITHIN THE CITY / TOWN LIMITS OF and/or School Name	FROM	TO	LENGTH IN MILES	SPEED LIMIT
Davidson Parkway	STOCKBRIDGE	North Henry Boulevard	Clayton County Line	0.70	35
Davis Road	STOCKBRIDGE	Burke Street	Ansley Park Mobile Home Park	1.03	35
East Atlanta Road	STOCKBRIDGE	S.R. 42	North City Limits of Stockbridge (380 feet north of Valley Hill Road)	1.00	35
Flippen Road	STOCKBRIDGE	Appleton Blvd	SR-42/SR-138 (North Henry Boulevard)	0.40	35
Mount Zion Parkway	STOCKBRIDGE	S.R. 138	North City Limits of Stockbridge (2900ft east of Fielder Road)	0.62	45
Old Atlanta Road	STOCKBRIDGE	Flippen Road	Davidson Parkway	1.00	35
Old Conyers Road	STOCKBRIDGE	East Atlanta Road	East City Limits of Stockbridge (1335 feet east of Collier Road)	0.50	35
Rock Quarry Road	STOCKBRIDGE	South City Limits of Stockbridge (625 feet north of Reeves Pkwy)	S.R. 42	0.70	35
Rock Quarry Road	STOCKBRIDGE	S.R. 42	South City Limits of Stockbridge (800ft south of M.L.K. Senior Heritage Trail)	0.80	35
Shields Road	STOCKBRIDGE	S.R. 42	Davis Road	0.90	35
Speer Road	STOCKBRIDGE	S.R. 138	North Mill Road	0.30	45
Tye Street	STOCKBRIDGE	S.R. 42	Red Oak Road	1.10	35
Walt Stephens Road	STOCKBRIDGE Red Oak Elementary 7:15 to 8:15 am 2:00 to 3:00 pm SCHOOL DAYS ONLY	77 feet west of Carriage Lake Drive	Manderly Drive	0.67	35
Walt Stephens Road	STOCKBRIDGE	Manderly Drive	Durham Way	0.80	45

SCHOOL ZONES ARE EFFECTIVE

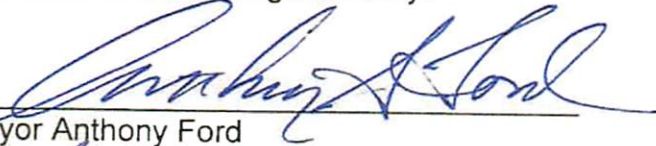
A.M. from 45 minutes prior to commencement time to 15 minutes after commencement time

SCHOOL DAYS ONLY.

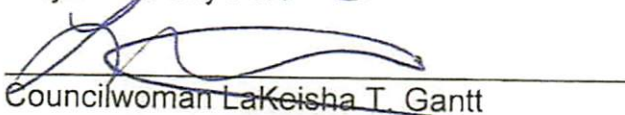
P.M. from 15 minutes prior to dismissal time to 45 minutes after dismissal time –
SCHOOL DAYS ONLY.

ALL LISTS AND PARTS OF LISTS IN CONFLICT WITH THIS LIST ARE HEREBY
REPEALED.

Signature of Governing Authority:



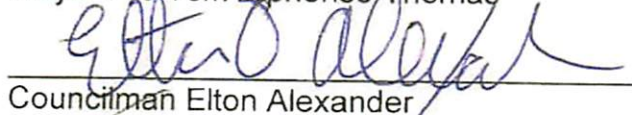
Mayor Anthony Ford



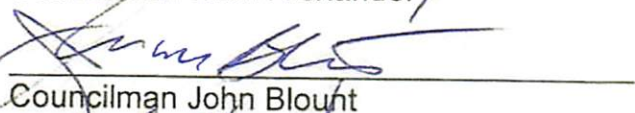
Councilwoman Lakeisha T. Gantt



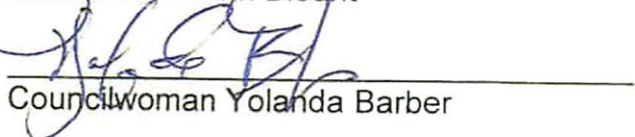
Mayor Pro Tem Alphonso Thomas



Councilman Elton Alexander



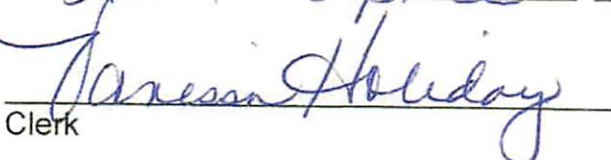
Councilman John Blount



Councilwoman Yolanda Barber

Sworn and Subscribed before me

This 26th day of April, 2022



Clerk



SCHOOL ZONES ARE EFFECTIVE

A.M. from 45 minutes prior to commencement time to 15 minutes after commencement time

SCHOOL DAYS ONLY.

P.M. from 15 minutes prior to dismissal time to 45 minutes after dismissal time –
SCHOOL DAYS ONLY.

ALL LISTS AND PARTS OF LISTS IN CONFLICT WITH THIS LIST ARE HEREBY
REPEALED.

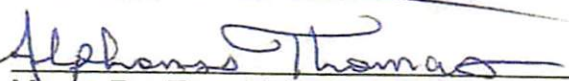
Signature of Governing Authority:



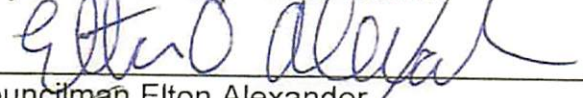
Mayor Anthony Ford



Councilwoman LaKeisha T. Gantt



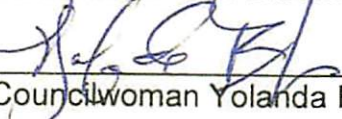
Mayor Pro Tem Alphonso Thomas



Councilman Elton Alexander

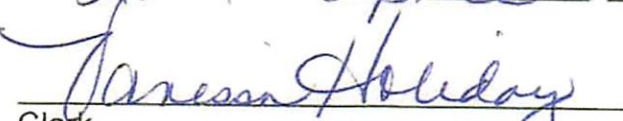


Councilman John Blount



Councilwoman Yolanda Barber

Sworn and Subscribed before me
This 26th day of April, 2022



Clerk



The Stockbridge City Council is hereby requesting that the following roadways be approved for the use of speed detection devices:

LIST OF ROADWAYS
for
City of Stockbridge

ON-SYSTEM ROADWAYS

**ALL ON-SYSTEM ROUTES HAVE BEEN VERIFIED BY GEORGIA DEPARTMENT OF
TRANSPORTATION**

STATE ROUTE	WITHIN THE CITY / TOWN LIMITS OF <i>and/or</i> School Name	FROM	MILE POINT	TO	MILE POINT	LENGTH IN MILES	SPEED LIMIT
S.R. 42 U.S. 23	STOCKBRIDGE	550 feet north of Inverness Avenue	15.80	1520 feet south of Brannan Road	16.20	0.40	55
S.R. 42 U.S. 23 *** SCHOOL ZONE ***	STOCKBRIDGE <i>Eagles Landing Christian Academy</i> 7:15 to 8:30 am 2:30 to 3:30 pm	597' North of Technology Parkway	15.83	2,222' North of Technology Parkway	16.11	0.28	45
S.R. 42 U.S. 23	STOCKBRIDGE	900 feet north of Brannan Road	16.64	1750 feet south of Wilson Road	17.44	0.80	55
S.R. 42 U.S. 23	STOCKBRIDGE	250 feet north of Scott Boulevard (South City Limits of Stockbridge)	19.48	100 feet south of Mann Boulevard	19.86	0.38	45
S.R. 42 U.S. 23	STOCKBRIDGE	100 feet south of Mann Boulevard	19.86	200 feet south of Flippen Road	20.99	1.13	35
S.R. 42 U.S. 23 *** SCHOOL ZONE ***	STOCKBRIDGE <i>Stockbridge Elementary</i> 7:00 to 8:00 am 2:00 to 3:00 pm SCHOOL DAYS ONLY **** ATESD ****	200 feet south of North Lee Street	20.07	200 feet north of East Atlanta Road	20.30	0.23	30
S.R. 42 U.S. 23	STOCKBRIDGE	200 feet south of Flippen Road	20.99	1000 feet north of Valley Hill Road (North City Limits of Stockbridge)	23.28	2.29	45
S.R. 138	STOCKBRIDGE	Clayton County Line	0.00	Clayton County Line	1.23	1.23	45
S.R. 138		<i>This section of roadway has an exception in Clayton County from MP 1.23 to MP 1.87, a distance of .64 miles</i>					
S.R. 138	STOCKBRIDGE	Clayton County Line	1.87	SR 42	2.26	0.39	45
S.R. 138	STOCKBRIDGE	<i>State Route 138 runs common with State Route 42 from M.P. 2.26 to M.P. 4.82, a distance of 2.56 miles</i>					

STATE ROUTE	WITHIN THE CITY / TOWN LIMITS OF <i>and/or</i> School Name	FROM	MILE POINT	TO	MILE POINT	LENGTH IN MILES	SPEED LIMIT
S.R. 401 (I-75)	STOCKBRIDGE	Clayton County Line	228.80	2263 feet south of Walt Stephens Road	226.00	2.80	70
S.R. 401 (I-75)	STOCKBRIDGE	Flippen Road	225.23	3012 feet south of Eagles Landing Parkway	223.53	1.70	70
S.R. 413 (I-675)	STOCKBRIDGE	S.R. 401 (I-75)	0.00	Clayton County Line	0.72	0.72	65

*****SCHOOL ZONES ARE EFFECTIVE*****

A.M. from 30 minutes prior to commencement time to 30 minutes after commencement time

SCHOOL DAYS ONLY.

P.M. from 30 minutes prior to dismissal time to 30 minutes after dismissal time –
SCHOOL DAYS ONLY.

******ATESD HOURS ARE EFFECTIVE******

60 minutes before instructional classes begin until 60 minutes after such instructional classes have concluded for the dismissal of school.

SCHOOL DAYS ONLY.

OFF-SYSTEM ROADWAYS

ALL OFF-SYSTEM ROUTES WILL NOT BE VERIFIED BY GEORGIA DEPARTMENT OF TRANSPORTATION

ROAD NAME	WITHIN THE CITY / TOWN LIMITS OF and/or School Name	FROM	TO	LENGTH IN MILES	SPEED LIMIT
County Club Drive	STOCKBRIDGE	Patrick Henry Parkway	Eagles Landing Parkway	0.78	35
Davidson Parkway	STOCKBRIDGE	North Henry Boulevard	Clayton County Line	0.70	35
Davis Road	STOCKBRIDGE	Burke Street	SR-42 (North Henry Boulevard)	1.81	35
East Atlanta Road	STOCKBRIDGE	S.R. 42	380 feet north of Valley Hill Road	1.00	35
East Atlanta Road	STOCKBRIDGE	380 feet north of Valley Hills Road	North City Limits of Stockbridge (600 feet north of Stagecoach Road)	0.82	45
Eagles Landing Parkway	STOCKBRIDGE	I-75/SR-401	Country Club Drive	0.84	45
Eagles Landing Parkway	STOCKBRIDGE	SR-42	555 feet east of Trade Center Parkway	0.34	45
East Lake Parkway	STOCKBRIDGE	915 Feet east of Talon Place	SR-42	0.45	45
Flippen Road	STOCKBRIDGE	210 feet south of Fairhaven Road	SR-42/SR-138 (North Henry Boulevard)	0.60	35
Flippen Road	STOCKBRIDGE	150 feet north of Avian Forest Drive	210 feet south of Fairhaven Road	1.15	45
M.L.K. Senior Heritage Trail	STOCKBRIDGE	Love Street	South Berry Street	0.57	24
M.L.K. Senior Heritage Trail	STOCKBRIDGE	South Berry Street	Rock Quarry Road	0.64	35
Mount Zion Parkway	STOCKBRIDGE	S.R. 138	North City Limits of Stockbridge (2900ft east of Fielder Road)	0.62	45
Old Atlanta Road	STOCKBRIDGE	Flippen Road	Davidson Parkway	1.00	35
Old Conyers Road	STOCKBRIDGE	East Atlanta Road	920 feet east of Collier Road	0.42	35
Old Conyers Road	STOCKBRIDGE	920 feet east of Collier Road	Mays Road	0.40	45
Old Conyers Road *** SCHOOL ZONE ***	STOCKBRIDGE <i>Stockbridge Middle School</i> 8:00 to 9:15 am 3:30 to 4:45 pm SCHOOL DAYS ONLY	1846 feet east of Collier Road	390 Feet east of Mays Road	0.29	35
Patrick Henry Parkway	STOCKBRIDGE	Eagles Landing Parkway	2212 feet south of Country Club Drive	0.53	45
Red Oak Road	STOCKBRIDGE	Flippen Road	Rock Quarry Road	1.08	35
Rock Quarry Road	STOCKBRIDGE	675 feet north of Reeves Pkwy	S.R. 42/SR-138 (North Henry Boulevard)	0.70	35

ROAD NAME	WITHIN THE CITY / TOWN LIMITS OF and/or School Name	FROM	TO	LENGTH IN MILES	SPEED LIMIT
Rock Quarry Road	STOCKBRIDGE	Eagles Landing Parkway	675 feet north of Reeves Pkwy	1.83	45
Shields Road	STOCKBRIDGE	S.R. 42	Davis Road	0.90	35
Speer Road	STOCKBRIDGE	S.R. 138	Walt Stephens Road	1.21	45
Spivey Road	STOCKBRIDGE	S.R. 138	Stonemill Drive	0.46	35
Tye Street	STOCKBRIDGE	S.R. 42	Red Oak Road	1.10	35
Tye Street	STOCKBRIDGE	Red Oak Road	Banks Road	0.31	25
Valley Hill Road	STOCKBRIDGE	East Atlanta Road	SR-42	1.77	35
Walt Stephens Road *** SCHOOL ZONE ***	STOCKBRIDGE <i>Red Oak Elementary</i> 7:15 to 8:15 am 2:00 to 3:00 pm SCHOOL DAYS ONLY **** ATESD ****	77 feet west of Carriage Lake Drive	Manderly Drive	0.67	35
Walt Stephens Road	STOCKBRIDGE	Speer Road	Flippen Road	1.73	45
Walter Way	STOCKBRIDGE	S.R. 138	300 feet south of Davidson Parkway	0.48	35
Walter Way	STOCKBRIDGE	300 feet south of Davidson Parkway	Addy Lane	0.48	25

SCHOOL ZONES ARE EFFECTIVE**A.M.** from 30 minutes prior to commencement time to 30 minutes after commencement time**SCHOOL DAYS ONLY.****P.M.** from 30 minutes prior to dismissal time to 30 minutes after dismissal time –
SCHOOL DAYS ONLY.******ATESD HOURS ARE EFFECTIVE******

60 minutes before instructional classes begin until 60 minutes after such instructional classes have concluded for the dismissal of school.

SCHOOL DAYS ONLY.

ALL LISTS AND PARTS OF LISTS IN CONFLICT WITH THIS LIST ARE HEREBY
REPEALED.

Signature of Governing Authority:

Mayor Anthony Ford

Councilwoman LaKeisha T. Gantt

Mayor Pro Tem Yolanda Barber

Councilman Elton Alexander

Councilman John Blount

Councilwoman Alphonso Thomas

Sworn and Subscribed before me

This _____ day of _____, _____.

Clerk



City of Stockbridge

AGENDA ITEM

MEETING DATE

January 31, 2023

FUNDING SOURCE

- ☒ RESOLUTION
- ☐ ORDINANCE
- ☐ CONTRACT APPROVAL/RENEWAL
- ☐ PUBLIC HEARING
- ☐ PRESENTATION
- ☒ BID SELECTION/AWARD
- ☐ TASK ORDER
- ☐ CHANGE ORDER
- ☐ BUDGET AMENDMENT
- ☐ BUDGET TRANSFER
- ☐ PAYMENT APPROVAL
- ☐ OTHER

- ☒ GENERAL FUND/POLICE DEPT.
- ☐ FUND BALANCE
- ☐ SPLOST
- ☐ TSPLOST
- ☐ GRANT
- ☐ HOTEL/MOTEL TOURISM
- ☐ COUNCIL INITIATIVE
- ☐ PARTNER/SPONSOR
- ☐ DEPARTMENT FUND BALANCE
- ☐ BONDING

ACCOUNT TRANSFER FROM: 353-32100-542500

ACCOUNT TRANSFER TO:

PRESENTER: Major Glenn Kalish/ Chief Frank Trammer

DEPARTMENT: POLICE DEPARTMENT

ITEM/PROJECT/EVENT: Purchase of Tasers and Body Worn Cameras

Council consideration to approve the purchase of ten (10) Tasers and Axon Body Worn Cameras for the City of Stockbridge Police Department.

BACKGROUND INFORMATION:

With the approved annexation and growth of the City of Stockbridge, as well as the Department of Justice funding for ten (10) additional police positions for the Stockbridge Police Department, it is necessary to purchase additional Tasers and Body Worn Cameras to ensure officers are able to safely perform their jobs and to ensure accountability and transparency in law enforcement encounters. The Stockbridge Police Department is requesting to purchase the Tasers and Body Worn Cameras from Axon Enterprise, Inc which is a sole source provider of this equipment. The cost

APPROVALS: CITY MANAGER _____

CITY TREASURER _____

CITY ATTORNEY _____

CHIEF OF POLICE

Frank Trammer

☒ FINANCIAL IMPACT ☐ N/A

AMOUNT \$ 66,820

ATTACHMENTS: ☒

BACKGROUND INFORMATION CONTINUED:

of the purchase of ten (10) additional Tasers is \$36,000 and the cost of the purchase of ten (10) additional Body Worn Cameras is \$30,820. The total cost of these items is \$66,820. The City has approved these items as part of the 2023 Capital Improvement Plan Budget for the Police Department.



Axon Enterprise, Inc.
17800 N 85th St.
Scottsdale, Arizona 85255
United States
VAT: 86-0741227
Domestic: (800) 978-2737
International: +1.800.978.2737

Q-439688-44887.867RM

Issued: 11/22/2022

Quote Expiration: 12/31/2022

Estimated Contract Start Date: 02/01/2023

Account Number: 513806

Payment Terms: N30

Delivery Method:

SHIP TO	BILL TO
4640 North Henry Boulevard 4640 North Henry Boulevard Stockbridge, GA 30281 USA	Stockbridge Police Department - GA 4640 North Henry Boulevard Stockbridge, GA 30281 USA Email:

SALES REPRESENTATIVE	PRIMARY CONTACT
Rob Marangelo Phone: Email: rmarangelo@axon.com Fax:	Jonathan McIlvaine Phone: 678-216-6979 Email: jmcilvaine@cityofstockbridge-ga.gov Fax:

Quote Summary

Program Length	60 Months
TOTAL COST	\$36,000.00
ESTIMATED TOTAL W/ TAX	\$36,000.00

Discount Summary

Average Savings Per Year	\$1,735.20
TOTAL SAVINGS	\$8,676.00

Payment Summary

Date	Subtotal	Tax	Total
Jan 2023	\$7,200.00	\$0.00	\$7,200.00
Jan 2024	\$7,200.00	\$0.00	\$7,200.00
Jan 2025	\$7,200.00	\$0.00	\$7,200.00
Jan 2026	\$7,200.00	\$0.00	\$7,200.00
Jan 2027	\$7,200.00	\$0.00	\$7,200.00
Total	\$36,000.00	\$0.00	\$36,000.00

Frank J. Jarama 12/24/22

MAYOR 12/30/2022

Quote Unbundled Price: \$44,676.00
Quote List Price: \$36,000.00
Quote Subtotal: \$36,000.00

Pricing

All deliverables are detailed in Delivery Schedules section lower in proposal

Item	Description	Qty	Term	Unbundled	List Price	Net Price	Subtotal	Tax	Total
Program									
T7Cert	2021 Taser 7 Certification Bundle	10	60	\$74.46	\$60.00	\$60.00	\$36,000.00	\$0.00	\$36,000.00
Total							\$36,000.00	\$0.00	\$36,000.00

Delivery Schedule

Hardware

Bundle	Item	Description	QTY	Estimated Delivery Date
2021 Taser 7 Certification Bundle	20008	TASER 7 HANDLE, YLW, HIGH VISIBILITY (GREEN LASER), CLASS 3R	10	01/01/2023
2021 Taser 7 Certification Bundle	20018	TASER 7 BATTERY PACK, TACTICAL	12	01/01/2023
2021 Taser 7 Certification Bundle	20062	TASER 7 HOLSTER - BLACKHAWK, RIGHT HAND	8	01/01/2023
2021 Taser 7 Certification Bundle	20067	TASER 7 HOLSTER - BLACKHAWK, LEFT HAND	2	01/01/2023
2021 Taser 7 Certification Bundle	22175	TASER 7 LIVE CARTRIDGE, STANDOFF (3.5-DEGREE) NS	30	01/01/2023
2021 Taser 7 Certification Bundle	22175	TASER 7 LIVE CARTRIDGE, STANDOFF (3.5-DEGREE) NS	20	01/01/2023
2021 Taser 7 Certification Bundle	22176	TASER 7 LIVE CARTRIDGE, CLOSE QUARTERS (12-DEGREE) NS	30	01/01/2023
2021 Taser 7 Certification Bundle	22176	TASER 7 LIVE CARTRIDGE, CLOSE QUARTERS (12-DEGREE) NS	20	01/01/2023
2021 Taser 7 Certification Bundle	22177	TASER 7 HOOK-AND-LOOP TRN (HALT) CARTRIDGE, STANDOFF NS	20	01/01/2023
2021 Taser 7 Certification Bundle	22178	TASER 7 HOOK-AND-LOOP TRN (HALT) CARTRIDGE, CLOSE QUART NS	20	01/01/2023
2021 Taser 7 Certification Bundle	22179	TASER 7 INERT CARTRIDGE, STANDOFF (3.5-DEGREE) NS	10	01/01/2023
2021 Taser 7 Certification Bundle	22181	TASER 7 INERT CARTRIDGE, CLOSE QUARTERS (12-DEGREE) NS	10	01/01/2023
2021 Taser 7 Certification Bundle	70033	WALL MOUNT BRACKET, ASSY, EVIDENCE.COM DOCK	1	01/01/2023
2021 Taser 7 Certification Bundle	71019	NORTH AMER POWER CORD FOR AB3 8-BAY, AB2 1-BAY / 6-BAY DOCK	1	01/01/2023
2021 Taser 7 Certification Bundle	74200	TASER 7 6-BAY DOCK AND CORE	1	01/01/2023
2021 Taser 7 Certification Bundle	80087	TASER 7 TARGET, CONDUCTIVE, PROFESSIONAL (RUGGEDIZED)	1	01/01/2023
2021 Taser 7 Certification Bundle	80090	TARGET FRAME, PROFESSIONAL, 27.5 IN. X 75 IN., TASER 7	1	01/01/2023
2021 Taser 7 Certification Bundle	22175	TASER 7 LIVE CARTRIDGE, STANDOFF (3.5-DEGREE) NS	20	01/01/2024
2021 Taser 7 Certification Bundle	22176	TASER 7 LIVE CARTRIDGE, CLOSE QUARTERS (12-DEGREE) NS	20	01/01/2024
2021 Taser 7 Certification Bundle	22175	TASER 7 LIVE CARTRIDGE, STANDOFF (3.5-DEGREE) NS	20	01/01/2025
2021 Taser 7 Certification Bundle	22176	TASER 7 LIVE CARTRIDGE, CLOSE QUARTERS (12-DEGREE) NS	20	01/01/2025
2021 Taser 7 Certification Bundle	22177	TASER 7 HOOK-AND-LOOP TRN (HALT) CARTRIDGE, STANDOFF NS	20	01/01/2025
2021 Taser 7 Certification Bundle	22178	TASER 7 HOOK-AND-LOOP TRN (HALT) CARTRIDGE, CLOSE QUART NS	20	01/01/2025
2021 Taser 7 Certification Bundle	22175	TASER 7 LIVE CARTRIDGE, STANDOFF (3.5-DEGREE) NS	20	01/01/2026
2021 Taser 7 Certification Bundle	22176	TASER 7 LIVE CARTRIDGE, CLOSE QUARTERS (12-DEGREE) NS	20	01/01/2026
2021 Taser 7 Certification Bundle	22175	TASER 7 LIVE CARTRIDGE, STANDOFF (3.5-DEGREE) NS	20	01/01/2027
2021 Taser 7 Certification Bundle	22176	TASER 7 LIVE CARTRIDGE, CLOSE QUARTERS (12-DEGREE) NS	20	01/01/2027

Software

Bundle	Item	Description	QTY	Estimated Start Date	Estimated End Date
2021 Taser 7 Certification Bundle	20246	TASER 7 DUTY CARTRIDGE REPLACEMENT LICENSE	10	02/01/2023	01/31/2028
2021 Taser 7 Certification Bundle	20248	TASER EVIDENCE.COM ACCESS LICENSE	10	02/01/2023	01/31/2028
2021 Taser 7 Certification Bundle	20248	TASER EVIDENCE.COM ACCESS LICENSE	1	02/01/2023	01/31/2028

Warranties

Bundle	Item	Description	QTY	Estimated Start Date	Estimated End Date
2021 Taser 7 Certification Bundle	80374	EXT WARRANTY, TASER 7 BATTERY PACK	12	01/01/2024	01/31/2028
2021 Taser 7 Certification Bundle	80395	EXT WARRANTY, TASER 7 HANDLE	10	01/01/2024	01/31/2028
2021 Taser 7 Certification Bundle	80396	EXT WARRANTY, TASER 7 SIX BAY DOCK	1	01/01/2024	01/31/2028

Payment Details

Jan 2023

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 1	T7Cert	2021 Taser 7 Certification Bundle	10	\$7,200.00	\$0.00	\$7,200.00
Total				\$7,200.00	\$0.00	\$7,200.00

Jan 2024

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 2	T7Cert	2021 Taser 7 Certification Bundle	10	\$7,200.00	\$0.00	\$7,200.00
Total				\$7,200.00	\$0.00	\$7,200.00

Jan 2025

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 3	T7Cert	2021 Taser 7 Certification Bundle	10	\$7,200.00	\$0.00	\$7,200.00
Total				\$7,200.00	\$0.00	\$7,200.00

Jan 2026

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 4	T7Cert	2021 Taser 7 Certification Bundle	10	\$7,200.00	\$0.00	\$7,200.00
Total				\$7,200.00	\$0.00	\$7,200.00

Jan 2027

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 5	T7Cert	2021 Taser 7 Certification Bundle	10	\$7,200.00	\$0.00	\$7,200.00
Total				\$7,200.00	\$0.00	\$7,200.00

Tax is estimated based on rates applicable at date of quote and subject to change at time of invoicing. If a tax exemption certificate should be applied, please submit prior to invoicing.

Standard Terms and Conditions

Axon Enterprise Inc. Sales Terms and Conditions

Axon Master Services and Purchasing Agreement:

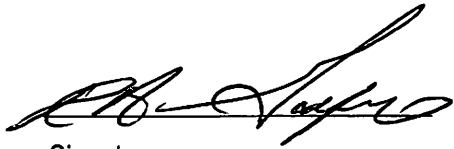
This Quote is limited to and conditional upon your acceptance of the provisions set forth herein and Axon's Master Services and Purchasing Agreement (posted at www.axon.com/legal/sales-terms-and-conditions), as well as the attached Statement of Work (SOW) for Axon Fleet and/or Axon Interview Room purchase, if applicable. In the event you and Axon have entered into a prior agreement to govern all future purchases, that agreement shall govern to the extent it includes the products and services being purchased and does not conflict with the Axon Customer Experience Improvement Program Appendix as described below.

ACEIP:

The Axon Customer Experience Improvement Program Appendix, which includes the sharing of de-identified segments of Agency Content with Axon to develop new products and improve your product experience (posted at www.axon.com/legal/sales-terms-and-conditions), is incorporated herein by reference. By signing below, you agree to the terms of the Axon Customer Experience Improvement Program.

Acceptance of Terms:

Any purchase order issued in response to this Quote is subject solely to the above referenced terms and conditions. By signing below, you represent that you are lawfully able to enter into contracts. If you are signing on behalf of an entity (including but not limited to the company, municipality, or government agency for whom you work), you represent to Axon that you have legal authority to bind that entity. If you do not have this authority, please do not sign this Quote.

A handwritten signature in black ink, appearing to read "R. H. [unclear]", written over a horizontal line.

Signature

A handwritten date "12/2/2022" in black ink, written over a horizontal line.

Date Signed

11/22/2022





Axon Enterprise, Inc.
17800 N 85th St.
Scottsdale, Arizona 85255
United States
VAT: 86-0741227
Domestic: (800) 978-2737
International: +1.800.978.2737

Q-438981-44887.865RM

Issued: 11/22/2022

Quote Expiration: 12/15/2022

Estimated Contract Start Date: 02/15/2023

Account Number: 513806

Payment Terms: N30

Delivery Method:

SHIP TO	BILL TO
4640 North Henry Boulevard 4640 North Henry Boulevard Stockbridge, GA 30281 USA	Stockbridge Police Department - GA 4640 North Henry Boulevard Stockbridge, GA 30281 USA Email:

SALES REPRESENTATIVE	PRIMARY CONTACT
Rob Marangelo Phone: Email: rmarangelo@axon.com Fax:	Jonathan McIlvaine Phone: 678-216-6979 Email: jmcilvaine@cityofstockbridge-ga.gov Fax:

Quote Summary

Program Length	50 Months
TOTAL COST	\$30,820.00
ESTIMATED TOTAL W/ TAX	\$30,820.00

Discount Summary

Average Savings Per Year	\$916.80
TOTAL SAVINGS	\$3,820.00

Payment Summary

Date	Subtotal	Tax	Total
Jan 2023	\$12,947.50	\$0.00	\$12,947.50
Jan 2024	\$5,957.50	\$0.00	\$5,957.50
Jan 2025	\$5,957.50	\$0.00	\$5,957.50
Jan 2026	\$5,957.50	\$0.00	\$5,957.50
Total	\$30,820.00	\$0.00	\$30,820.00

Frank J. Janner 12/29/22
Anthony J. Janner
MAYOR 12/30/2022

Quote Unbundled Price:	\$34,640.00
Quote List Price:	\$30,820.00
Quote Subtotal:	\$30,820.00

Pricing

All deliverables are detailed in Delivery Schedules section lower in proposal

Item	Description	Qty	Term	Unbundled	List Price	Net Price	Subtotal	Tax	Total
Program									
73352	BWC HARDWARE FINANCING TRUE UP PAYMENT	10	10		\$23.30	\$23.30	\$2,330.00	\$0.00	\$2,330.00
BWCamTAP	Body Worn Camera TAP Bundle	10	50	\$35.64	\$28.00	\$28.00	\$14,000.00	\$0.00	\$14,000.00
A la Carte Hardware									
AB3C	AB3 Camera Bundle	10			\$699.00	\$699.00	\$6,990.00	\$0.00	\$6,990.00
A la Carte Software									
BasicLicense	Basic License Bundle	10	50		\$15.00	\$15.00	\$7,500.00	\$0.00	\$7,500.00
Total							\$30,820.00	\$0.00	\$30,820.00

Delivery Schedule

Hardware

Bundle	Item	Description	QTY	Estimated Delivery Date
AB3 Camera Bundle	11534	USB-C to USB-A CABLE FOR AB3 OR FLEX 2	11	01/15/2023
AB3 Camera Bundle	73202	AXON BODY 3 - NA10 - US - BLK - RAPIDLOCK	10	01/15/2023
AB3 Camera Bundle	74021	MAGNET MOUNT, THICK OUTERWEAR, AXON RAPIDLOCK	11	01/15/2023
Body Worn Camera TAP Bundle	73309	AXON CAMERA REFRESH ONE	10	07/15/2025
Body Worn Camera TAP Bundle	73310	AXON CAMERA REFRESH TWO	10	01/15/2028

Software

Bundle	Item	Description	QTY	Estimated Start Date	Estimated End Date
Basic License Bundle	73683	10 GB EVIDENCE.COM A-LA-CART STORAGE	10	02/15/2023	04/14/2027
Basic License Bundle	73840	EVIDENCE.COM BASIC LICENSE	10	02/15/2023	04/14/2027

Warranties

Bundle	Item	Description	QTY	Estimated Start Date	Estimated End Date
Body Worn Camera TAP Bundle	80464	EXT WARRANTY, CAMERA (TAP)	10	01/15/2024	04/14/2027

Payment Details

Jan 2023

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 1	73352	BWC HARDWARE FINANCING TRUE UP PAYMENT	10	\$582.50	\$0.00	\$582.50
Year 1	BasicLicense	Basic License Bundle	10	\$1,875.00	\$0.00	\$1,875.00
Year 1	BWCamTAP	Body Worn Camera TAP Bundle	10	\$3,500.00	\$0.00	\$3,500.00
Year 1 - Upfront	AB3C	AB3 Camera Bundle	10	\$6,990.00	\$0.00	\$6,990.00
Total				\$12,947.50	\$0.00	\$12,947.50

Jan 2024

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 2	73352	BWC HARDWARE FINANCING TRUE UP PAYMENT	10	\$582.50	\$0.00	\$582.50
Year 2	BasicLicense	Basic License Bundle	10	\$1,875.00	\$0.00	\$1,875.00
Year 2	BWCamTAP	Body Worn Camera TAP Bundle	10	\$3,500.00	\$0.00	\$3,500.00
Total				\$5,957.50	\$0.00	\$5,957.50

Jan 2025

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 3	73352	BWC HARDWARE FINANCING TRUE UP PAYMENT	10	\$582.50	\$0.00	\$582.50
Year 3	BasicLicense	Basic License Bundle	10	\$1,875.00	\$0.00	\$1,875.00
Year 3	BWCamTAP	Body Worn Camera TAP Bundle	10	\$3,500.00	\$0.00	\$3,500.00
Total				\$5,957.50	\$0.00	\$5,957.50

Jan 2026

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 4	73352	BWC HARDWARE FINANCING TRUE UP PAYMENT	10	\$582.50	\$0.00	\$582.50
Year 4	BasicLicense	Basic License Bundle	10	\$1,875.00	\$0.00	\$1,875.00
Year 4	BWCamTAP	Body Worn Camera TAP Bundle	10	\$3,500.00	\$0.00	\$3,500.00
Total				\$5,957.50	\$0.00	\$5,957.50

Tax is estimated based on rates applicable at date of quote and subject to change at time of invoicing. If a tax exemption certificate should be applied, please submit prior to invoicing.

Standard Terms and Conditions

Axon Enterprise Inc. Sales Terms and Conditions

Axon Master Services and Purchasing Agreement:

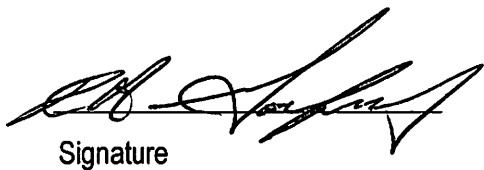
This Quote is limited to and conditional upon your acceptance of the provisions set forth herein and Axon's Master Services and Purchasing Agreement (posted at www.axon.com/legal/sales-terms-and-conditions), as well as the attached Statement of Work (SOW) for Axon Fleet and/or Axon Interview Room purchase, if applicable. In the event you and Axon have entered into a prior agreement to govern all future purchases, that agreement shall govern to the extent it includes the products and services being purchased and does not conflict with the Axon Customer Experience Improvement Program Appendix as described below.

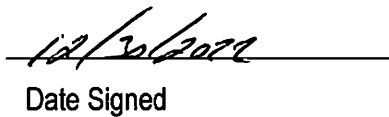
ACEIP:

The Axon Customer Experience Improvement Program Appendix, which includes the sharing of de-identified segments of Agency Content with Axon to develop new products and improve your product experience (posted at www.axon.com/legal/sales-terms-and-conditions), is incorporated herein by reference. By signing below, you agree to the terms of the Axon Customer Experience Improvement Program.

Acceptance of Terms:

Any purchase order issued in response to this Quote is subject solely to the above referenced terms and conditions. By signing below, you represent that you are lawfully able to enter into contracts. If you are signing on behalf of an entity (including but not limited to the company, municipality, or government agency for whom you work), you represent to Axon that you have legal authority to bind that entity. If you do not have this authority, please do not sign this Quote.


Signature


Date Signed

11/22/2022





17800 N 85TH STREET
SCOTTSDALE, ARIZONA 85255

AXON.COM

12/17/2021

To: *Stockbridge Police Department*

Re: **Sole Source Letter for Axon Enterprise, Inc.'s TASER Energy Weapons, Axon brand products, and Axon Evidence (Evidence.com) Data Management Solutions**

A sole source justification exists because the following goods and services required to satisfy the agency's needs are only manufactured and available for purchase from Axon Enterprise. Axon is also the sole distributor and retailer of all TASER brand products for the agency identified in this letter.

TASER Energy Weapon Descriptions



TASER 7 Energy Weapon

- Multiple-shot energy weapon
- High-efficiency flashlight
- Close Quarter and Standoff cartridges
- Green LASER and dual red LASERs that adjust for cartridge angle
- Arc switch enables drive-stun with or without a TASER 7 Cartridge installed
- Central Information Display (CID): Displays mission critical data such as remaining battery energy, burst time, and cartridge status.
- Weapon logs
- TASER 7 Dock connected to Axon Evidence (Evidence.com) services
- Onboard self-diagnostic and system status monitoring and reporting
- Real-time clock updated when the battery pack is plugged into the TASER 7 Dock
- Ambidextrous safety switch
- Can be configured by the agency to alert Axon camera systems
- The trigger activates a single cycle (approximately five seconds). Holding the trigger down will continue the discharge beyond the standard cycle (unless configured by the agency to stop at five seconds). The energy weapon cycle can be stopped by placing the safety switch in the down (SAFE) position.
- Compatible with TASER 7 Cartridges only

TASER 7 CQ Energy Weapon

- Multiple-shot energy weapon for agencies that deploy energy weapons mostly at close quarters (CQ)
- High-efficiency flashlight
- Close Quarter cartridges
- Arc switch enables drive-stun with or without a TASER 7 Cartridge installed
- Central Information Display (CID): Displays mission critical data such as remaining battery energy, burst time, and cartridge status.
- Weapon logs
- TASER 7 Dock connected to Axon Evidence (Evidence.com) services



17800 N 85TH STREET
SCOTTSDALE, ARIZONA 85255

AXON.COM

- Onboard self-diagnostic and system status monitoring and reporting
- Real-time clock updated when the battery pack is plugged into the TASER 7 Dock
- Ambidextrous safety switch
- Can be configured by the agency to alert Axon camera systems
- The trigger activates a single cycle (approximately five seconds). Holding the trigger down will continue the discharge beyond the standard cycle (unless configured by the agency to stop at five seconds). The energy weapon cycle can be stopped by placing the safety switch in the down (SAFE) position.
- Compatible with 12-degree TASER 7 Cartridges only

X2 Energy Weapon

- Multiple-shot energy weapon
- High efficiency flashlight
- Static dual LASERs (used for target acquisition)
- ARC switch enables drive-stun with or without a Smart Cartridge installed
- Central Information Display (CID): Displays mission-critical data such as remaining battery energy, burst time, operating mode, and user menu to change settings and view data on a yellow-on-black display
- The Trilogy log system records information from a variety of sensors into three data logs: Event log, Pulse log, and Engineering log. Data can be downloaded using a universal serial bus (USB) data interface module connected to a personal computer (PC). Data may be transferred to Evidence.com services.
- Real-time clock with back-up battery
- Onboard self-diagnostic and system status monitoring and reporting
- Ambidextrous safety switch
- Capable of audio/video recording with optional TASER CAM HD recorder
- The trigger activates a single cycle (approximately five seconds). Holding the trigger down will continue the discharge beyond the standard cycle (except when used with an APPM or TASER CAM HD AS). The energy weapon cycle can be stopped by placing the safety switch in the down (SAFE) position
- Compatible with TASER Smart Cartridges only

X26P Energy Weapon

- High efficiency flashlight
- Red LASER (used for target acquisition)
- Central Information Display (CID): Displays data such as calculated remaining energy, burst time, and notifications
- The Trilogy log system records information from a variety of sensors into three data logs: Event log, Pulse log, and Engineering log. Data can be downloaded using a universal serial bus (USB) data interface module connected to a personal computer (PC). Data may be transferred to Evidence.com services.
- Real-time clock with back-up battery
- Onboard self-diagnostic and system status monitoring and reporting
- Ambidextrous safety switch
- Capable of audio/video recording with optional TASER CAM HD recorder
- The trigger activates a single cycle (approximately five seconds). Holding the trigger down will continue the discharge beyond the standard cycle (except when used with



17800 N 85TH STREET
SCOTTSDALE, ARIZONA 85255

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an APPM or TASER CAM HD AS). The energy weapon cycle can be stopped by placing the safety switch in the down (SAFE) position.

- Compatible with TASER standard series cartridges

Axon Signal Performance Power Magazine (SPPM)

- Battery pack for the X2 and X26P conducted energy weapons
- Shifting the safety switch from the down (SAFE) to the up (ARMED) positions sends a signal from the SPPM. Upon processing the signal, an Axon system equipped with Axon Signal technology transitions from the BUFFERING to EVENT mode. Axon Signal technology only works with Axon cameras.

TASER Brand Energy Weapon Model Numbers

1. Energy Weapons:
 - TASER 7 Models: 20008, 20009, 20010, and 20011
 - TASER 7 CQ Models 20213, 20214
 - TASER X2 Models: 22002 and 22003
 - TASER X26P Models: 11002 and 11003
2. Optional Extended Warranties for Energy Weapons:
 - TASER 7 – 4-year extended warranty, item number 20040
 - X2 – 4-year extended warranty, item number 22014
 - X26P – 2-year extended warranty, item number 11008
 - X26P – 4-year extended warranty, item number 11004
3. TASER 7 Cartridges (compatible with the TASER 7; required for this Energy Weapon to function in the probe deployment mode)
 - Standoff cartridge, 3.5 degrees, Model 20012
 - Close Quarter cartridge, 12 degrees, Model 20013
4. TASER standard cartridges (compatible with the X26P; required for this Energy Weapon to function in the probe deployment mode):
 - 15-foot Model: 22188
 - 21-foot Model: 22189
 - 21-foot non-conductive Model: 44205
 - 25-foot Model: 22190
5. TASER Smart cartridges (compatible with the X2; required for this Energy Weapon to function in the probe deployment mode):
 - 15-foot Model: 22184
 - 25-foot Model: 22185
 - 25-foot inert simulation Model: 22155
 - 25-foot non-conductive Model: 22157
6. TASER CAM HD recorder Model: 26810 (full HD video and audio) and TASER CAM HD with AS (automatic shut-down feature) Model: 26820. The TASER CAM HD is compatible with both the X26P and X2 energy weapons.
 - TASER CAM HD replacement battery Model: 26764
 - TASER CAM HD Download Kit Model: 26762



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- TASER CAM HD optional 4-year extended warranty, item number 26763
- 7. Power Modules (Battery Packs) for TASER 7 Energy Weapons:
 - Tactical battery pack Model 22018
 - Compact battery pack Model 22019
 - Non-Rechargeable battery pack Model 22020
 - Disconnect battery pack Model 20027
- 8. Battery Packs for X26P and X2 Energy Weapons:
 - Performance Power Magazine (PPM) Model: 22010
 - Tactical Performance Power Magazine (TPPM) Model: 22012
 - Automatic Shut-Down Performance Power Magazine (APPM) Model: 22011
 - eXtended Performance Power Magazine (XPPM) Model: 11010
 - eXtended Automatic Shut-Down Performance Power Magazine (XAPPM) Model: 11015
 - Axon Signal Performance Power Magazine (SPPM) Model: 70116
- 9. TASER 7 Dock:
 - TASER 7 Dock Core and Multi-bay Module: 74200
- 10. TASER Dataport Download Kits:
 - Dataport Download Kit for the X2 and X26P Model: 22013
- 11. TASER Blast Door Repair Kit Model 44019 and TASER Blast Door Replenishment Kit Model 44023
- 12. Energy Weapon Holsters:
 - Right-hand TASER 7 holster by Safariland Model: 20063
 - Left-hand TASER 7 holster by Safariland Model: 20068
 - Right-hand TASER 7 holster with cartridge carrier by Safariland Model: 20160
 - Left-hand TASER 7 holster by with cartridge carrier by Safariland Model: 20161
 - Right-hand X2 holster by BLACKHAWK Model: 22501
 - Left-hand X2 holster by BLACKHAWK Model: 22504
 - Right-hand X26P holster by BLACKHAWK Model: 11501
 - Left-hand X26P holster by BLACKHAWK Model: 11504
- 13. TASER Simulation Suit II Model 44550
- 14. TASER 7 conductive target Model: 80087
- 15. Blue X26P Demonstrator/LASER Pointer Model: 11023

Axon Digital Evidence Solution Description

Axon Body 3 Video Camera (DVR)

- Improved video quality with reduced motion blur and better low-light performance
- Multi-mic audio—four built-in microphones
- Wireless upload option
- Gunshot detection and alerts



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- Streaming audio and video capability
- "Find my camera" feature
- Verbal transcription with Axon Records (coming soon)
- End-to-end encryption
- Twelve-hour battery
- Up to 120-second buffering period to record footage before pressing record button

Axon Flex 2 Video Camera

- Video playback on mobile devices in the field via Bluetooth pairing
- Retina Low Light capability sensitive to less than 0.1 lux
- Audio tones to alert user of usage
- Low SD, high SD, low HD, and high HD resolution (customizable by the agency)
- Up to 120-second buffering period to record footage before pressing record button
- Multiple mounting options using magnetic attachment: head, collar, shoulder, helmet, ball cap, car dash, and Oakley sunglass mounts available
- 120-degree diagonal field of view camera lens, 102-degree horizontal field of view, and 55-degree vertical field of view

Axon Flex 2 Controller

- 12+ hours of battery operation per shift (even in recording mode)
- LED lights to show current battery level and operating mode
- Haptic notification available
- Tactical beveled button design for use in pocket
- Compatible with Axon Signal technology

Axon Air System

- Purpose-built solution for law enforcement UAV programs
- Supported applications on iOS and Android
- Automated tracking of pilot, aircraft, and flight logs
- Unlimited Storage of UAV data in Axon Evidence (Evidence.com)
- In application ingestion of data in Axon Evidence (Evidence.com)
- Axon Aware integration for live streaming and situational awareness

Axon Body 2 Video Camera

- Video playback on mobile devices in the field via Bluetooth pairing
- Retina Low Light capability sensitive to less than 1 lux
- Audio tones and haptic (vibration) notification to alert user of usage
- Audio mute during event option
- Wi-Fi capability
- High, medium, and low quality recording available (customizable by the agency)
- Up to 2-minute buffering period to record footage before pressing record button
- Multiple mounting options using holster attachment: shirt, vest, belt, and dash mounts available
- 12+ hours of battery operation per shift (even in recording mode)
- LED lights to show current battery level and operating mode
- 143-degree lens
- Includes Axon Signal technology



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Axon Fleet 2 Camera

- Fully integrated with Axon Evidence services and Axon devices
- Automatic time synchronization with other Axon Fleet and Axon on-officer cameras allows for multi-camera playback on Axon Evidence.
- Immediate upload to Axon Evidence of critical event videos via 4G/LTE
- Wireless alerts from the TASER energy weapon Signal Performance Power Magazine (SPPM).
- Automatic transition from BUFFERING to EVENT mode in an emergency vehicle equipped with the Axon Signal Unit
- Decentralized system architecture without a central digital video recorder (DVR).
- Cameras that function independently and communicate wirelessly with the computer in the vehicle (MDT, MDC, MDU) for reviewing, tagging and uploading video.
- Wireless record alert based on Bluetooth communication from Axon Signal Vehicle when a configured input is enabled (e.g. emergency light, siren, weapon rack, etc.).
- Receives alerts from Axon Signal Sidearm.
- Plug-And-Play design allowing for cameras to be easily replaced and upgraded.
- Ability for an unlimited number of agency vehicles recording in the same vicinity with an Axon Fleet system to be automatically associated with one another when reviewing video in the video management platform. This feature is also supported across body cameras.

Axon Signal Unit (ASU)

- Communications device that can be installed in emergency vehicles.
- With emergency vehicle light bar activation, or other activation triggers, the Axon Signal Unit sends a signal. Upon processing the signal, an Axon system equipped with Axon Signal technology transitions from the BUFFERING to EVENT mode.

Axon Signal Performance Power Magazine (SPPM)

- Battery pack for the TASER X2 and X26P conducted electrical weapons
- Shifting the safety switch from the down (SAFE) to the up (ARMED) positions sends a signal from the SPPM. Upon processing the signal, an Axon system equipped with Axon Signal technology transitions from the BUFFERING to EVENT mode. Axon Signal technology only works with Axon cameras.

Axon Signal Sidearm Sensor

- Can be installed on common duty holsters
- Drawing a service handgun from the holster sends a signal from the Axon Signal Sidearm sensor. Upon processing the signal, an Axon system equipped with Axon Signal technology transitions from the BUFFERING to EVENT mode.

Axon Interview Solution

- High-definition cameras and microphones for interview rooms
- Covert or overt camera installations
- Touch-screen user interface
- Motion-based activation
- Up to 7-minute pre- and post-event buffering period
- Full hardware and software integration
- Upload to Axon Evidence services
- Interview room files can be managed under the same case umbrella as files from



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Axon on-officer cameras and Axon Fleet cameras; i.e., Axon video of an arrest and interview room video are managed as part of the same case in Axon Evidence

- Dual integration of on-officer camera and interview room camera with Axon Evidence digital evidence solution

Axon Signal Technology

- Sends a broadcast of status that compatible devices recognize when certain status changes are detected
- Only compatible with TASER and Axon products

Axon Dock

- Automated docking station uploads to Axon Evidence services through Internet connection
- No computer necessary for secure upload to Axon Evidence
- Charges and uploads simultaneously
- The Axon Dock is tested and certified by TUV Rheinland to be in compliance with UL 60950-1: 2007 R10.14 and CAN/ CSA-C22.2 NO.60950-I-07+A1:2011+A2:2014 Information Technology Equipment safety standards.

Axon Evidence Data Management System

- Software as a Service (SaaS) delivery model that allows agencies to manage and share digital evidence without local storage infrastructure or software needed
- SaaS model reduces security and administration by local IT staff: no local installation required
- Automatic, timely security upgrades and enhancements deployed to application without the need for any local IT staff involvement
- Securely share digital evidence with other agencies or prosecutors without creating copies or requiring the data to leave your agency's domain of control
- Controlled access to evidence based on pre-defined roles and permissions and pre-defined individuals
- Password authentication includes customizable security parameters: customizable password complexity, IP-based access restrictions, and multi-factor authentication support
- Automated category-based evidence retention policies assists with efficient database management
- Ability to recover deleted evidence within seven days of deletion
- Stores and supports all major digital file types: .mpeg, .doc, .pdf, .jpeg, etc.
- Requires NO proprietary file formats
- Ability to upload files directly from the computer to Axon Evidence via an Internet browser
- Data Security: Robust Transport Layer Security (TLS) implementation for data in transit and 256-bit AES encryption for data in storage
- Security Testing: Independent security firms perform in-depth security and penetration testing
- Reliability: Fault- and disaster-tolerant infrastructure in at least 4 redundant data centers in both the East and West regions of the United States
- Chain-of-Custody: Audit logs automatically track all system and user activity. These logs cannot be edited or deleted, even by account administrators and IT staff
- Protection: With no on-site application, critical evidence stored in Axon Evidence is



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- protected from local malware that may penetrate agency infrastructure
- **Stability:** Axon Enterprise is a publicly traded company with stable finances and funding, reducing concerns of loss of application support or commercial viability
- Application and data protected by a CJIS and ISO 27001 compliant information security program
- Dedicated information security department that protects Axon Evidence and data with security monitoring, centralized event log analysis and correlation, advanced threat and intrusion protection, and incident response capabilities
- Redact videos easily within the system, create tags, markers and clips, search 7 fields in addition to 5 category-based fields, create cases for multiple evidence files

Axon Evidence for Prosecutors

- All the benefits of the standard Axon Evidence services
- Ability to share information during the discovery process
- Standard licenses available for free to prosecutors working with agencies already using Axon Evidence services
- Unlimited storage for data collected by Axon cameras and Axon Capture

Axon Capture Application

- Free app for iOS and Android mobile devices
- Allows users to capture videos, audio recordings, and photos and upload these files to their Axon Evidence account from the field
- Allows adding metadata to these files, such as: Category, Title, Case ID, and GPS data

Axon Commander Services

- On-premises data management platform
- Chain of custody reports with extensive audit trail
- Automated workflows, access control, storage, and retention
- Compatible with multiple file formats

Axon View Application

- Free app for iOS and Android mobile devices
- Allows user to view the camera feed from a paired Axon Body, Axon Body 2, Axon Flex, or Axon Flex 2 camera in real-time
- Allows for playback of videos stored on a paired Axon Body, Axon Body 2, Axon Flex, or Axon Flex 2 system
- Allows adding meta-data to videos, such as: Category, Title, Case ID, and GPS data

Axon Records

- Continuously improving automated report writing by leveraging AI and ML on officer recorded video, photo, and audio from BWC, In-Car, Mobile App (Axon Capture), or other digital media
- Collaborative report writing through instantly synced workspaces allowing officers to delegate information gathering on scene
- Instant access to records allowing detectives to begin their investigation and records clerks to update information exchanges on things like missing people or stolen property as soon as possible
- Complete leveraging of Axon Evidence sharing to allow fast, efficient, digital, and



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- secure sharing of records and cases to DAs and Prosecutors
- Robust API and SDK allows data to be easily ingested and pushed out to other systems—preventing data silos
- Deep integration with Axon Evidence putting video at the heart of the record and automating the process of tagging and categorizing digital evidence stored in Axon Evidence
- Automatic association of digital evidence to the record and incident through Axon Evidence integration
- In context search of master indexes (people, vehicles, locations, charges)—promoting efficient report writing through prefilling of existing data which promotes clean and deduped data in the system
- Quick views for users to track calls for service and reports in draft, ready for review, kicked back for further information, or submitted to Records for archiving.
- Federal and State IBRS fields are captured and validated—ensuring the officer knows what fields to fill and what information needs to be captured
- Intuitive validation ensures officers know what information to submit without being burdened by understanding the mapping of NIBRS to state or local crime codes
- Ability to create custom forms and add custom fields to incident reports—allowing your agency to gather the information you find valuable
- Software as a Service (SaaS) delivery model that allows agencies to write, manage, and share digital incident reports without local storage infrastructure or software needed
- SaaS model reduces security and administration by local IT staff: no local installation required
- Automatic, timely security upgrades and enhancements deployed to application without the need for any local IT staff involvement
- Securely share records and cases with other agencies or prosecutors without creating copies or requiring the data to leave your agency's domain of control
- Controlled access based on pre-defined users, groups, and permissions
- Password authentication includes customizable security parameters: customizable password complexity, IP-based access restrictions, and multi-factor authentication support
- Security Testing: Independent security firms perform in-depth security and penetration testing
- Reliability: Fault- and disaster-tolerant infrastructure in at least 4 redundant data centers in both the East and West regions of the United States
- Chain-of-Custody: Audit logs automatically track all system and user activity. These logs cannot be edited or deleted, even by account administrators and IT staff

Axon Standards

- Internal affairs and professional standards reporting
- Customizable information display, including custom forms
- Customizable workflows and user groups
- Automated alerts
- Compatible with digital documents, photos, and videos
- Connection with Transcription (beta)
- Shared Index with evidence.com and Records
- Data Warehouse allowing custom summary reports and integration into 3rd party



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analytic tools.

- Workflow analytics to provide SLA on throughputs
- Integration with the TASER 7 energy weapon for automatically pulling firing logs (alpha)
- Available as an option for Axon Records
- Automatically bundled with Officer Safety Plan 7+

Axon Professional Services

- Dedicated implementation team
- Project management and deployment best practices aid
- Training and train-the-trainer sessions
- Integration services with other systems

Axon Support Engineer:

- Dedicated Axon Regional/Resident Support Engineer Services
- Quarterly onsite visits
- Solution and Process Guidance custom to your agency
- White-Glove RMA and TAP (if applicable) Service for devices
- Monthly Product Usage Analysis
- Resident Support Engineer also includes onsite product maintenance, troubleshooting, and beta testing assistance

Axon Customer Support

- Online and email-based support available 24/7
- Human phone-based support available Monday–Friday 7:00 AM–5:00 PM MST; support is located in Scottsdale, AZ, USA
- Library of webinars available 24/7
- Remote-location troubleshooting



Axon Brand Model Numbers

1. Axon Body 3 Camera Model: 73202
2. Axon Flex 2 Cameras:
 - Axon Flex 2 Camera (online) Model: 11528
 - Axon Flex 2 Camera (offline) Model: 11529
3. Axon Flex 2 Controller Model: 11532
4. Axon Flex 2 USB Sync Cable Model: 11534
5. Axon Flex 2 Coiled Cable, Straight to Right Angle, 48" (1.2 m)
6. Axon Flex 2 Camera Mounts:



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- Oakley Flak Jacket Kit Model: 11544
 - Collar Mount Model: 11545
 - Oakley Clip Model: 11554
 - Epaulette Mount Model: 11546
 - Ballcap Mount Model: 11547
 - Ballistic Vest Mount Model: 11555
7. Universal Helmet Mount Model: 11548
8. Axon Air System with Axon Evidence (Evidence.com) 5-Year License Model: 12332
9. Axon Body 2 Camera Model: 74001
10. Axon Flex 2 Controller and Axon Body 2 Camera Mounts:
- Z-Bracket, Men's, Axon RapidLock Model: 74018
 - Z-Bracket, Women's Axon RapidLock Model: 74019
 - Magnet, Flexible, Axon RapidLock Model: 74020
 - Magnet, Outerwear, Axon RapidLock Model: 74021
 - Small Pocket, 4" (10.1 cm), Axon RapidLock Model: 74022
 - Large Pocket, 6" (15.2 cm), Axon RapidLock Model: 74023
 - MOLLE Mount, Single, Axon RapidLock Model: 11507
 - MOLLE Mount, Double, Axon RapidLock Model: 11508
 - Belt Clip Mount, Axon RapidLock Model: 11509
11. Axon Fleet Camera
- Axon Fleet 2 Front Camera: 71079
 - Axon Fleet 2 Front Camera Mount: 71080
 - Axon Fleet 2 Rear Camera: 71081
 - Axon Fleet 2 Rear Camera Controller: 71082
 - Axon Fleet 2 Rear Camera Controller Mount: 71083
 - Axon Fleet Battery System: 74024
 - Axon Fleet Bluetooth Dongle: 74027
12. Axon Signal Unit Model: 70112
13. Axon Dock Models:
- Axon Dock – Individual Bay and Core for Axon Flex 2
 - Axon Dock – 6-Bay and Core for Axon Flex 2
 - Individual Bay for Axon Flex 2 Model: 11538
 - Core (compatible with all Individual Bays and 6-Bays) Model: 70027
 - Wall Mount Bracket Assembly for Axon Dock: 70033
 - Axon Dock – Individual Bay and Core for Axon Body 2 and Axon Fleet Model 74009
 - Axon Dock – 6-Bay and Core for Axon Body 2 and Axon Fleet Model 74008
 - Individual Bay for Axon Body 2 and Axon Fleet Model: 74011
 - Axon Signal Performance Power Magazine (SPPM) Model: 70116



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Axon Brand Model Numbers

1. Axon Body 3 Camera Model: 73202
2. Axon Flex 2 Cameras:
 - Axon Flex 2 Camera (online) Model: 11528
 - Axon Flex 2 Camera (offline) Model: 11529
3. Axon Flex 2 Controller Model: 11532
4. Axon Flex 2 USB Sync Cable Model: 11534
5. Axon Flex 2 Coiled Cable, Straight to Right Angle, 48" (1.2 m)
6. Axon Flex 2 Camera Mounts:
 - Oakley Flak Jacket Kit Model: 11544
 - Collar Mount Model: 11545
 - Oakley Clip Model: 11554
 - Epaulette Mount Model: 11546
 - Ballcap Mount Model: 11547
 - Ballistic Vest Mount Model: 11555
 - Universal Helmet Mount Model: 11548
7. Axon Body 2 Camera Model: 74001
8. Axon Body 2 Camera Mounts:
 - Axon RapidLock Velcro Mount Model: 74054
9. Axon Flex 2 Controller and Axon Body 2 Camera Mounts:
 - Z-Bracket, Men's, Axon RapidLock Model: 74018
 - Z-Bracket, Women's Axon RapidLock Model: 74019
 - Magnet, Flexible, Axon RapidLock Model: 74020
 - Magnet, Outerwear, Axon RapidLock Model: 74021
 - Small Pocket, 4" (10.1 cm), Axon RapidLock Model: 74022
 - Large Pocket, 6" (15.2 cm), Axon RapidLock Model: 74023
 - MOLLE Mount, Single, Axon RapidLock Model: 11507
 - MOLLE Mount, Double, Axon RapidLock Model: 11508
 - Belt Clip Mount, Axon RapidLock Model: 11509
10. Axon Air System with Axon Evidence (Evidence.com) 5-Year License Model: 12332
11. Axon Fleet 2 Camera
 - Axon Fleet 2 Front Camera: 71079
 - Axon Fleet 2 Front Camera Mount: 71080
 - Axon Fleet 2 Rear Camera: 71081



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- Axon Fleet 2 Rear Camera Controller: 71082
- Axon Fleet 2 Rear Camera Controller Mount: 71083
- Axon Fleet Battery System: 74024
- Axon Fleet Bluetooth Dongle: 74027

12. Axon Signal Unit Model: 70112

13. Axon Dock Models:

- Axon Dock – Individual Bay and Core for Axon Flex 2
- Axon Dock – 6-Bay and Core for Axon Flex 2
- Individual Bay for Axon Flex 2 Model: 11538
- Core (compatible with all Individual Bays and 6-Bays) Model: 70027
- Wall Mount Bracket Assembly for Axon Dock: 70033
- Axon Dock – Individual Bay and Core for Axon Body 2 and Axon Fleet Model 74009
- Axon Dock – 6-Bay and Core for Axon Body 2 and Axon Fleet Model 74008
- Individual Bay for Axon Body 2 and Axon Fleet Model: 74011

Axon Product Packages

1. **Officer Safety Plan:** includes an X2 or X26P energy weapon, Axon camera and Dock upgrade, and Axon Evidence (Evidence.com) license and storage. See your Sales Representative for further details and Model numbers.
2. **Officer Safety Plan 7** Includes a TASER 7 energy weapon, Axon Body 3 camera, Axon Dock, Axon Camera and Dock upgrade, Axon Evidence (Evidence.com) licenses and storage, and Axon Aware, and Axon Records Core.
3. **Officer Safety Plan 7 Plus:** Includes a TASER 7 energy weapon, Axon Body 3 camera, Axon Evidence (Evidence.com) licenses and storage, Axon Records Core, Axon Aware +, Axon Auto-Tagging Services, Axon Performance, Axon Citizen for Communities, Axon Redaction Assistant, and Axon Signal Sidearm.
4. **TASER 7 Certification:** Pays for TASER 7 program in installments over 5 years including access to Evidence.com for energy weapon program management, annual training cartridges, unlimited duty cartridges and online training content.
5. **TASER Certification Add-On:** Allows the agency to pay an annual fee to receive an annual allotment of training cartridges, unlimited duty cartridges and online training content.
6. **TASER 7 Certification with Virtual Reality (VR):** Pays for the TASER 7 program in installments over 5 years including access to Evidence.com for energy weapon program management, annual training cartridges, unlimited duty cartridges, online training content, and VR training.
7. **TASER Assurance Plan (TAP):** Hardware extended warranty coverage, Spare Products, and Upgrade Models available for the X2 and X26P energy weapons, and the TASER CAM HD recorder. (The TAP is available only through Axon Enterprise, Inc.)
8. **TASER 60:** Pay for X2 and X26P energy weapons and Spare Products in installments



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over 5 years.

9. **Unlimited Cartridge Plan:** Allows agency to pay an annual fee to receive annual training cartridges, unlimited duty cartridges and unlimited batteries for the X2 and X26P.
10. **TASER 60 Unlimited:** Pay for X2 and X26P energy weapons and Spare Products in installments over 5 years and receive unlimited cartridges and batteries.
11. **TASER 7 Close Quarters Dock Plan:** Pays for TASER 7 Close Quarters Plan over a 5-year period in installments including access to Evidence.com for energy weapon program management, rechargeable batteries, annual cartridge shipments, unlimited duty cartridges, and access to online training.

SOLE AUTHORIZED DISTRIBUTOR FOR AXON BRAND CAMERAS AND TASER BRAND ENERGY WEAPON PRODUCTS	SOLE AUTHORIZED REPAIR FACILITY FOR AXON BRAND CAMERAS AND TASER BRAND ENERGY WEAPON PRODUCTS
Axon Enterprise, Inc. 17800 N. 85 th Street, Scottsdale, AZ 85255 Phone: 800-978-2737 Fax: 480-991-0791	Axon Enterprise, Inc. 17800 N. 85 th Street, Scottsdale, AZ 85255 Phone: 800-978-2737 Fax: 480-991-0791

Please contact your local Axon sales representative or call us at 1-800-978-2737 with any questions.

Sincerely,

Josh Isner
Chief Revenue Officer
Axon Enterprise, Inc.

Android is a trademark of Google, Inc, BLACKHAWK! is a trademark of the Blackhawk Products Group, Bluetooth is a trademark of the Bluetooth SIG, Flak Jacket is a trademark of Oakley, Inc, iPod touch is a trademark of Apple Inc., IOS is a trademark of Cisco, LTE is a trademark of the European Telecommunications Standards Institute, Safariland is a trademark of Safariland, LLC, Shoi is a trademark of Shoi Co., Ltd., VELCRO is a trademark of Velcro Industries, B.V., and Wi-Fi is a trademark of the Wi-Fi Alliance.

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Capital Improvement Plan

Stockbridge

Where Community Connects



The City of Stockbridge

Police Department Requested Item/Project	32100 - Police Justification	Expenditure for the Planning Years					Five Year Total	Funding Source	Notes
		FY2023	FY2024	FY2025	FY2026	FY2027			
2023 Ford Interceptor Hybrid x 12	Vehicles to accommodate 12 additional police positions. Cost per vehicle = \$41,500	\$ 498,000					498,000	General Fund	
2023 Ford F-150 Pickup Truck- Code Enforcement	Vehicle to accommodate 1 additional code enforcement position. Cost per vehicle = \$38,000	\$ 38,000					38,000	General Fund	
Federal Signal Emergency Equipment x 12	Emergency equipment for 12 patrol vehicles. Cost per vehicle = \$20,000	\$ 240,000					240,000	General Fund	
In-Car Radio x 12	In-car radio for 12 patrol vehicles. Cost per vehicle = \$6,300	\$ 75,600					75,600	General Fund	
Axon Fleet 3 In car camera system x 12	In-car camera systems for 12 patrol vehicles. Cost per vehicle = \$3,500	\$ 42,000					42,000	General Fund	
Panasonic Toughbook Computer x 16	In-car computer for 12 additional positions & 4 code enforcement positions. Cost per vehicle = \$3,500	\$ 56,000					56,000	General Fund	
All Terrain Vehicle x 2	ATV's to patrol the city's parks and trail systems. Cost per ATV = \$30,000	\$ 60,000					60,000	General Fund	
Utility Trailer	Trailer to tow ATV's and other miscellaneous equipment.	\$ 10,000					10,000	General Fund	
Mobile Radio x 16	Mobile radios for 12 additional positions & 4 code enforcement positions. Cost per officer = \$5,793	\$ 92,688					92,688	General Fund	
Axon Body Worn camera x 16	Body worn camera system for 12 additional positions & 4 code enforcement positions. Cost per officer = \$2,500.	\$ 40,000					40,000	General Fund	
Uniforms & Equipment x 12	Uniforms and associated equipment for 12 additional positions. Cost per officer = \$5,000	\$ 60,000					60,000	General Fund	
Rifle Plates x 40	Rifle plates to provide enhanced ballistic protection for officers. Cost per officer = \$300	\$ 12,000					12,000	General Fund	
Ballistic Helmets x 40	Ballistic helmets to provide enhanced ballistic protection for officers. Cost per officers = \$285	\$ 11,400					11,400	General Fund	
Rifle Suppressors x 40	Rifle suppressors to suppress sound associated with rifle firing. Cost per rifle = \$1,000	\$ 40,000					40,000	General Fund	
Trilicon RMR Pistol Sights x 55	Ruggedized miniature reflex sights for pistols. Cost per officer = \$455	\$ 25,000					25,000	General Fund	
Taser x 12	Tasers for 12 additional positions. Cost per officer = \$700	\$ 8,400					8,400	General Fund	

Exterior Car Port/Storage Building for Police Headquarters	Exterior structure to hold and process vehicles in inclement weather and to store vehicles, equipment and other items that cannot be stored in the elements.	\$ 60,000						60,000	General Fund	
Police Canine Program	Police canine and associated equipment and training for police canine.	\$ 40,000						40,000	General Fund	
Multi-Jurisdictional SWAT Team	Weapons, armor and associated equipment for 6 SWAT operators. Cost per operator = \$5,000	\$ 40,000						40,000	General Fund	
Reserve Officer Program	Uniforms and equipment for reserve/volunteer officer program for six (6) reserve officers.	\$ 60,000						60,000	General Fund	
Bicycle Patrol Program	Bicycles and associated equipment for 6 officers to implement a bicycle patrol program.	\$ 27,500						27,500	General Fund	
Police Drone Program	All purpose drone and associated equipment and training.	\$ 12,000						12,000	General Fund	
Rapid ID x4	Mobile fingerprinting device for rapid identification of individuals. Cost per device = \$4,500	\$ 26,000						26,000	General Fund	
AccurInt Virtual Crime Center	Investigative analysis and research software program.	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500		62,500	General Fund	
Cop-Logix	Citizen online reporting and analytic program.	\$ 28,000	\$ 2,550	\$ 2,550	\$ 2,550	\$ 2,550		38,200	General Fund	
Cellebrite	Cellular forensic tool	\$ 8,000						8,000	General Fund	
Promotional Assessment Center	Promotional Assessment Center for Police Supervisory Positions.	\$ 15,000						15,000	General Fund	
Peace Officers Annuity & Benefit Fund of Georgia (POAB)	Supplemental pension program for sworn police personnel.	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000		100,000	General Fund	
FOP Legal Defense Fund	Legal defense fund and educational reimbursement program.	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500		37,500		
Funding Source(s)	Total Proposed Police Expenditures	\$ 1,665,588	\$ 42,550	\$ 42,550	\$ 42,550	\$ 42,550	\$ 1,835,788			
	General Fund	1,665,588	42,550	42,550	42,550	42,550	1,835,788			
	Condemned Funds	-	-	-	-	-	-			
	Grant Funds	-	-	-	-	-	-			
	Total Proposed Funding Source	\$ 1,665,588	\$ 42,550	\$ 42,550	\$ 42,550	\$ 42,550	\$ 1,835,788			

Public Works		Expenditures For Planning Years						
42200 - Public Works								
Requested Item	Justification	FY2023	FY2024	FY2025	FY2026	FY2027	Five Year Total	Funding Source
TSPLOST (Streets & Highways)		\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 27,500,000	TSPLOST
LMIG (Road Resurfacing)		\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000	SPLOST/GDOT
Sidewalk		\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000	SPLOST
Funding Source(s)	Total Proposed Roads, Sidewalks, & Resurfacing	\$ 6,800,000	\$ 6,800,000	\$ 6,800,000	\$ 6,800,000	\$ 6,800,000	\$ 34,000,000	
	General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	GDOT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	TSPLOST	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 5,500,000	\$ 27,500,000	
	SPLOST	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000	\$ 6,500,000	
	Total Proposed	\$ 6,800,000	\$ 6,800,000	\$ 6,800,000	\$ 6,800,000	\$ 6,800,000	\$ 34,000,000	

MMCC		Expenditure for the Planning Years							
Requested Item	Justification	FY2023	FY2024	FY2025	FY2026	FY2027	Five Year Total	Funding Source	Notes
Audio/Visual Equipment Upgrade in all areas of the Merle Manders Conference Center	Old and outdated equipment. Need upgrade to be competitive in market. New and improved state of the art sound and visual systems needed for weddings, receptions, meetings, presentations, training and seminars.	\$ 195,000	\$ -	\$ -	\$ -	\$ -	\$ 195,000	General Fund	
Events Department Admin Building - Furnishings, paint, flooring, breakroom	Update the office space to be a showcase to bring clients in to generate business.	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000	ARPA	
Equipment for MMCC kitchen - Stand up freezer and dishwasher	In need of freezer and dishwasher that works properly.	\$ 9,000	\$ -	\$ -	\$ -	\$ -	\$ 9,000	General Fund	
<u>Funding Source(s)</u>	Total Proposed MMCC Expenditures	\$ 239,000		\$ -	\$ -	\$ -	\$239,000		
	ARPA	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$35,000		
	General Fund	\$ 204,000	\$ -	\$ -	\$ -	\$ -	\$204,000		
	Total Proposed MMCC Expenditures	\$ 239,000	\$ -	\$ -	\$ -	\$ -	\$239,000		

Government Building & Property	Requested Item/Project Johnson Control	15450 - Grounds BIDO & Property Justification Access/Security Upgrade	Expenditure for the Planning Years							Five Year Total	Funding Source ARPA
			FY2023	FY2024	FY2025	FY2026	FY2027				
Funding Source			\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 575,000		
		Total Proposed Expenditures	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 575,000		
		ARPA	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 575,000		
		General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
		Total Proposed Funding Source	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 575,000		

WATER		Expenditures For Planning Years						
Requested Item	Justification	FY2023	FY2024	FY2025	FY2026	FY2027	Five Year Total	Funding Source
44200 - Water								
Water System Improvements	Infrastructure Upgrade	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 1,750,000	SPLOST/Fund Balance/ARPA
Water Service Line Replacement	Infrastructure Upgrade	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000	SPLOST/Fund Balance/ARPA
<u>Funding Source</u>	Total Proposed Water	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,000,000	
	ARPA	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 2,400,000	
	SPLOST							
	Water Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Total Proposed Funding Source	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 2,400,000	

Sewer		Expenditures For Planning Years						
Requested Item	Justification	FY2023	FY2024	FY2025	FY2026	FY2027	Five Year Total	Funding Source
43300 - Sewer								
Mays Crossing Lift Station Rehab and Force Main	Infrastructure Improvements	\$ 806,000	\$ -	\$ -	\$ -	\$ -	806,000	SPLOST/Fund Balance/ARPA
Northbridge Station Sanitary Sewer Rehabilitation	Infrastructure Improvements	\$ 2,030,100	\$ -	\$ -	\$ -	\$ -	2,030,100	SPLOST/Fund Balance/ARPA
Walter Way, Pineview, Memorial Park Lift Station Rehabilitation	Infrastrucure Improvements	\$ -	\$ 1,235,000	\$ -	\$ -	\$ -	1,235,000	SPLOST/Fund Balance/ARPA
WWTP Pole Barn	Storage Addition	\$ -	\$ 675,000	\$ -	\$ -	\$ -	675,000	SPLOST/Fund Balance/ARPA
WWTP Improvements	Infrastructure Improvements	\$ 550,000	\$ -	\$ -	\$ -	\$ -	550,000	SPLOST/Fund Balance/ARPA
WWTP Expansion	Infrastructure Improvements		\$ -	\$ 3,500,000	\$ -	\$ -	3,500,000	SPLOST/Fund Balance
Funding Source	Total Proposed Water	\$ 3,386,100	\$ 1,910,000	\$ 3,500,000	\$ -	\$ -	8,796,100	
	ARPA	\$ -	\$ -	\$ -	\$ -	\$ -	-	
	SPLOST	\$ -	\$ -	\$ -	\$ -	\$ -		
	Sewer Fund Balance	\$ 3,386,100	\$ 1,910,000	\$ 3,500,000	\$ -	\$ -	8,796,100	
	Total Proposed Funding Source	\$ 3,386,100	\$ 1,910,000	\$ 3,500,000	\$ -	\$ -	8,796,100	

Storm Water		Expenditure for the Planning Years						
	42500 - Storm Water							
Requested Item	Justification	FY2023	FY2024	FY2025	FY2026	FY2027	Five Year Total	Funding Source
Stormwater Maintenance	Infrastructure Improvements	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 1,750,000	SPLOST
	Total Proposed Storm Water	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000	
	Total SPLOST Fund	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000	
	Total Proposed Expenditures	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 1,750,000	

Court		Expenditure for the Planning Years							
Requested Item	Justification	FY2023	FY2024	FY2025	FY2026	FY2027	Five Year Total	Funding Source	Notes
Court Renovation	Renovation of the Municipal Court building's 1st floor to add workspace for add'l court staff, secure detention cell, modify judge's bench, modify existing work area for optimal efficiency	\$84,000					\$84,000	ARPA Funds	
	Total Proposed Court Expenditures	\$84,000	\$0	\$0	\$0	\$0	\$84,000		
	ARPA	\$84,000							
	General Fund	\$84,000	\$0	\$0	\$0	\$0	\$0		
	Total Proposed Court Expenditures	\$84,000	\$0	\$0	\$0	\$0	\$84,000		

CAPITAL IMPROVEMENT SUMMARY			Expenditures For Planning						
Years									
	Requested Item	Justification	FY 2023	FY2024	FY2025	FY2026	FY2027	Five Year Total	Funding Source
42200 - Public Works	TSPLOST		\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000	\$5,500,000	\$27,500,000	TSPLOST
42200 - Public Works	LMIG (Road Resurfacing)		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	SPLOST/GDOT
42200 - Public Works	Sidewalk		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	SPLOST
15650 - Grounds BLDG & Property	Johnson Control	Access/Security Upgrade	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$575,000	ARPA
62200 - Parks	Parks Master Plan	Update Parks	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	SPLOST
44200 - Water	Water System Improvements	Infrastructure Upgrade	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000	SPLOST/Fund Balance/ARPA
44200 - Water	Water Service Line Replacement	Infrastructure Upgrade	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	SPLOST/Fund Balance/ARPA
43300 - Sewer	Mays Crossing Lift Station Rehab and Force Main	Infrastructure Improvements	\$806,000	\$0	\$0	\$0	\$0	\$806,000	SPLOST/Fund Balance/ARPA
43300 - Sewer	Northbridge Station Sanitary Sewer Rehabilitation	Infrastructure Improvements	\$2,030,100	\$0	\$0	\$0	\$0	\$2,030,100	SPLOST/Fund Balance/ARPA
43300 - Sewer	Walter Way, Pinaview, Memorial Park Lift Station Rehabilitation	Infrastructure Improvements	\$0	\$1,235,000	\$0	\$0	\$0	\$1,235,000	SPLOST/Fund Balance/ARPA
43300 - Sewer	WWTP Pole Barn	Storage Addition	\$0	\$675,000	\$0	\$0	\$0	\$675,000	SPLOST/Fund Balance/ARPA
43300 - Sewer	WWTP Improvements	Infrastructure Improvements	\$550,000	\$0	\$0	\$0	\$0	\$550,000	SPLOST/Fund Balance/ARPA
43300 - Sewer	WWTP Expansion	Infrastructure Improvements	\$0	\$0	\$3,500,000	\$0	\$0	\$3,500,000	SPLOST/Fund Balance
42500 - Storm Water	Stormwater Maintenance	Infrastructure Improvements	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000	SPLOST
MMCC	Audio/Visual Equipment Upgrade in all areas of the Merle Manders Conference Center	Old and outdated equipment. Need upgrade to be competitive in market. New and improved state of the art sound and visual systems needed for weddings, receptions, meetings, presentations, training and seminars.	\$195,000	\$0	\$0	\$0	\$0	\$195,000	General Fund
MMCC	Events Department Admin Building - Furnishings, paint, flooring, breakroom	Update the office space to be a showcase to bring clients in to generate business.	\$35,000	\$0	\$0	\$0	\$0	\$35,000	ARPA
MMCC	Equipment for MMCC kitchen - Stand up freezer and dishwasher	In need of freezer and dishwasher that works properly.	\$9,000	\$0	\$0	\$0	\$0	\$9,000	General Fund
25000 - Courts	Court Renovation	Renovation of the Municipal Court building's 1st floor to add workspace for add'l court staff, secure detention cell, modify judge's bench, modify existing work area for optimal efficiency	\$84,000					\$84,000	ARPA

32100 - Police	2023 Ford Interceptor Hybrid x 12	Vehicles to accommodate 12 additional police positions. Cost per vehicle = \$41,500	\$498,000					\$498,000	General Fund
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32100 - Police	2023 Ford F-150 Pickup Truck- Code Enforcement	Vehicle to accommodate 1 additional code enforcement position. Cost per vehicle = \$38,000	\$38,000					\$38,000	General Fund
32100 - Police	Federal Signal Emergency Equipment x 12	Emergency equipment for 12 patrol vehicles. Cost per vehicle = \$20,000	\$240,000					\$240,000	General Fund
32100 - Police	In-Car Radio x 12	In-car radio for 12 patrol vehicles. Cost per vehicle = \$6,300	\$75,600					\$75,600	General Fund
32100 - Police	Axon Fleet 3 In car camera system x 12	In-car camera systems for 12 patrol vehicles. Cost per vehicle = \$3,500	\$42,000					\$42,000	General Fund
32100 - Police	Panasonic Toughbook Computer x 16	In-car computer for 12 additional positions & 4 code enforcement positions. Cost per vehicle = \$3,500	\$56,000					\$56,000	General Fund
32100 - Police	All Terrain Vehicle x 2	ATV's to patrol the city's parks and trail systems. Cost per ATV = \$30,000	\$60,000					\$60,000	General Fund
32100 - Police	Utility Trailer	Trailer to tow ATV's and other miscellaneous equipment.	\$10,000					\$10,000	General Fund
32100 - Police	Mobile Radio x 16	Mobile radios for 12 additional positions & 4 code enforcement positions. Cost per officer = \$5,793	\$92,688					\$92,688	General Fund
32100 - Police	Axon Body Worn camera x 16	Body worn camera system for 12 additional positions & 4 code enforcement positions. Cost per officer = \$2,500.	\$40,000					\$40,000	General Fund
32100 - Police	Uniforms & Equipment x 12	Uniforms and associated equipment for 12 additional positions. Cost per officer = \$5,000	\$60,000					\$60,000	General Fund
32100 - Police	Rifle Plates x 40	Rifle plates to provide enhanced ballistic protection for officers. Cost per officer = \$300	\$12,000					\$12,000	General Fund
32100 - Police	Ballistic Helmets x 40	Ballistic helmets to provide enhanced ballistic protection for officers. Cost per officers = \$285	\$11,400					\$11,400	General Fund
32100 - Police	Rifle Suppressors x 40	Rifle suppressors to suppress sound associated with rifle firing. Cost per rifle = \$1,000	\$40,000					\$40,000	General Fund
32100 - Police	Trijicon RMR Pistol Sights x 55	Ruggedized miniature reflex sights for pistols. Cost per officer = \$455	\$25,000					\$25,000	General Fund
32100 - Police	Taser x 12	Tasers for 12 additional positions. Cost per officer = \$700	\$8,400					\$8,400	General Fund
32100 - Police	Exterior Car Port/Storage Building for Police Headquarters	Exterior structure to hold and process vehicles in inclement weather and to store vehicles, equipment and other items that cannot be stored in the elements.	\$60,000					\$60,000	General Fund
32100 - Police	Police Canine Program	Police canine and associated equipment and training for police canine.	\$40,000					\$40,000	General Fund
32100 - Police	Multi-Jurisdictional SWAT Team	Weapons, armor and associated equipment for 8 SWAT operators. Cost per operator = \$5,000	\$40,000					\$40,000	General Fund

[illegible]

Parks		Expenditure for the Planning Years						
Requested Item	Justification	FY2023	FY2024	FY2025	FY2026	FY2027	Five Year Total	Funding Source
62200- Parks								
Parks Master Plan	Update Parks	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$1,500,000	SPLOST
	Total Proposed Parks Expenditures	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	
	Total General Fund	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	
	Total Proposed	\$ 600,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,800,000	

Interim
ACTIVE STATEWIDE CONTRACTS PORTFOLIO - ASSIGNED CONTRACT
MANAGER EFFECTIVE: JANUARY 17, 2023

Manager Name	Phone	Email
Dr. Carl A. Hall, Contract Management Manager	404-657-4254	carl.hall@doas.ga.gov
Mr. Donnie Treadway, Contract Manager	404-463-0824	donnie.treadway@doas.ga.gov
Mrs. Jennifer Hallock, Contract Manager	404-657-8458	jennifer.hallock@doas.ga.gov
Mrs. Tamar Forbes-Semple, Contract Management Assistant	404-657-9430	tamar.forbes-semple@doas.ga.gov
Ms. Dawn Stone, Contract Management Assistant	404-657-0362	dawn.stone@doas.ga.gov

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Administrative Vehicles	ALLAN VIGIL FORD LINCOLN MERCURY INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	HARDY CHEVROLET BUICK GMC INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	KIA AMERICA INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	GRIFFIN SYLVESTER LLC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	GRIFFIN SYLVESTER LLC	8/12/2015	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	WADE FORD INC	8/12/2015	11/30/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	ATLANTA KUBOTA LLC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	ADRENALIN POWERSPORTS INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	TEXTRON INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	YANCEY BROS CO	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	DEERE & COMPANY	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	CLUB CAR INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	SUZUKI MOTOR USA LLC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	CART MART INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
Apple Computer Hardware	APPLE INC	10/20/2015	2/28/2023	Hall	IT	Convenience
Athletic Equipment and Supplier	FLAGHOUSE INC	9/17/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Athletic Equipment and Supplier	THE PROPHET CORPORATION	9/17/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Athletic Equipment and Supplier	SCHOOL HEALTH CORP	12/29/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Auto Mfg in Ga (AMIGI)	CARRIAGE KIA	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	MIDSTATE AUTOMOTIVE INC II	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	KIA AUTOSPORT OF COLUMBUS	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	KIA AMERICA INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PLANT CITY AUTOMOTIVE INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	HOMETOWN MOTORS IV INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PYE CARS OF DALTON INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	SRCF LLC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	S & H MOTORS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	ATHENS AUTOMOTIVE LLC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	TOWN CENTER INVESTMENTS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PB VALDOSTA MOTORS INC	7/27/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	RICK CASE CARS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Parts (Just-In-Time)	GENUINE PARTS COMPANY	11/1/2022	10/31/2024	Hallock	Goods	Mandatory
Auto Parts (Just-In-Time)	ADVANCE STORES COMPANY INCORPORATED	11/1/2022	10/31/2024	Hallock	Goods	Mandatory
Background Investigation Svcs.	ACCURATE BACKGROUND HOLDING LLC	2/1/2019	1/30/2024	Forbes-Semple	Services	Mandatory
Biological and Laboratory Equi	VWR INTERNATIONAL INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	LAERDAL MEDICAL CORPORATION	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	FISHER SCIENTIFIC COMPANY LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Biological and Laboratory Equi	CAROLINA BIOLOGICAL SUPPLY CO	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	CAPITAL MICROSCOPE SERVICES INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	HUNT OPTICS & IMAGING INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	THOMAS SCIENTIFIC HOLDINGS LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	NYCOM INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	D'S VENTURES LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Body Armor	ANGEL ARMOR LLC	9/20/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	CENTRAL LAKE ARMOR EXPRESS	9/20/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	GH ARMOR SYSTEMS INC	12/29/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	ONYX PROTECTIVE GROUP INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	POINT BLANK BODY ARMOR INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	SLATE SOLUTIONS LLC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	SURVIVAL ARMOR INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	UNITED SHIELD INTERNATIONAL LLC	7/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
BOR -Ghost Education Discount	CDW GOVERNMENT LLC	8/1/2020	7/31/2023	Hall		Convenience-Consortia
Bus Rentals	AUTOMAX RENT A CAR	10/7/2013	5/31/2023	Hallock	Services	Convenience
Capitol Hill Airpt Car Rental	THE HERTZ CORPORATION	10/7/2013	7/20/2023	Forbes-Semple	Services	Mandatory
Carpet Floors and Accessories	BENTLEY MILLS, INC.	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	MOHAWK CARPET DISTRIBUTION INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	INTERFACE AMERICAS	12/17/2020	12/16/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	KARNDAN INTERNATIONAL, LLC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	SHAW INDUSTRIES	4/12/2021	4/11/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	TARKETT USA INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	MANNINGTON MILLS INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Certified Audio Visual Product	PRESIDIO NETWORKED SOLUTIONS	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	ONEPATH SYSTEMS LLC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	INTER TECHNOLOGIES CORPORATION	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	PC SPECIALISTS INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	VISUAL SYSTEMS GROUP INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	AVI-SPL LLC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	HOWARD INDUSTRIES INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	BLUUM USA INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	ONE DIVERSIFIED LLC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	CDW GOVERNMENT LLC	8/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	SUMMIT SOLUTIONZ INC	11/10/2017	4/30/2023	Forbes-Semple	IT	Convenience
CFSC & Parts Inventory Mgt.	GENUINE PARTS COMPANY	7/1/2022	6/30/2023	Hallock	Goods	Convenience-Consortia
Cloud Solutions and Services	CARASOFT TECHNOLOGY CORP	10/8/2019	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	SHI INTERNATIONAL CORP	10/8/2019	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	SMARTRONIX LLC	2/26/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	UNISYS CORPORATION	5/13/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	CHERRYROAD TECHNOLOGIES INC	10/22/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	QUEST MEDIA & SUPPLIES INC	12/15/2021	9/15/2026	Treadway	IT	Convenience-Consortia
DATA COMMUNICATION PRODUCTS &	PALO ALTO NETWORKS INC	12/20/2019	9/30/2024	Forbes-Semple	IT	Convenience-Consortia
Discounted Retail Walk In Buil	LOWE'S COMPANIES INC	5/1/2020	4/30/2023	Forbes-Semple	Goods	Convenience
Discounted Retail Walk In Buil	HOME DEPOT USA INC	5/1/2020	4/30/2023	Forbes-Semple	Goods	Convenience
Disinfectant Cleaning Services	CLASPELL, JASON	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	ACESA CLEANING SERVICES, LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	BARTOLOMUCCI AND ASSOCIATES INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	CARTER,CHANDA	6/1/2021	5/31/2023	Hallock	Services	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Disinfectant Cleaning Services	CONTINENTAL ENVIRONMENTAL SERVICES LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	DISINFECTANT SOLUTIONS OF ATLANTA, LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	LGC GLOBAL ENERGY FM LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	MJ CONSULTING AND SERVICES	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	NEW BEGINNINGS COMMERCIAL RESIDENTIAL	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	SMITH,PAMELA JOHNSON	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	PURE AIR CONTROL SERVICES	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	SERVICEMASTER DOWNTOWN COMMERCIALS INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	WILPRO ENTERPRISES INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Document Management Services	ARCHIVE SYSTEMS INC	4/1/2022	1/31/2023	Forbes-Semple	Services	Convenience
ELECTRONIC MONITORING EQUIPMENT	BUDDI LTD	1/1/2017	12/31/2023	Treadway	IT	Mandatory
ELECTRONIC MONITORING EQUIPMENT	SATELLITE TRACKING OF PEOPLE LLC	1/1/2017	12/31/2023	Treadway	IT	Mandatory
ELECTRONIC MONITORING EQUIPMENT	BI INCORPORATED	1/1/2017	12/31/2023	Treadway	IT	Mandatory
End-User Computing	BYTESPEED COMPUTERS	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	CDW GOVERNMENT LLC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	DELL MARKETING LP	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	GOV CONNECTION INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	HP INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	LENOVO - UNITED STATES INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	PANASONIC CORPORATION OF NORTH AMERICA	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	HOWARD INDUSTRIES INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
Enterprise Infrastructure	DELL MARKETING LP	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	HEWLETT PACKARD ENTERPRISE COMPANY	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	LENOVO - UNITED STATES INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	EMC CORPORATION	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	NET APP INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	PURE STORAGE INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	PARAMOUNT SOFTWARE SOLUTIONS INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Equipment Maintenance Services	RONALD E MORROW	10/1/2013	9/30/2023	Treadway	Services	Convenience
Equipment Rental	UNITED RENTALS NORTH AMERICA INC	2/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Equipment Rental	SUNBELT RENTALS INC	6/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Equipment Rental	YANCEY BROS CO	6/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Expedited Delivery	FEDERAL EXPRESS CORPORATION	2/25/2022	11/27/2026	Hallock	Services	Convenience-Consortia
Expedited Delivery	UNITED PARCEL SERVICE	8/1/2022	11/27/2026	Hallock	Services	Convenience-Consortia
Facility Maintenance Solution	CGL FACILITY MANAGEMENT LLC	8/15/2018	7/14/2023	Treadway	Services	Convenience
Food and Food Delivery Service	GORDON FOOD SERVICE	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Food and Food Delivery Service	SUTHERLANDS FOODSERVICE INC	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Food and Food Delivery Service	US FOODS INC	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Fuel Card and AVL Telematics M	WEX BANK	10/1/2014	9/30/2023	Forbes-Semple	Services	Mandatory
Fuel Card and AVL Telematics M	ILER GROUP INC	11/10/2014	11/9/2023	Forbes-Semple	Services	Convenience
GENERAL CONSTRUCTION SERVICES	ALBION GENERAL CONTRACTORS INC	9/1/2020	8/31/2024	Hall	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	HITT CONTRACTING INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JEWEL OF THE SOUTH, INC.	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JOC CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	PRIME CONTRACTORS INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	PLACE SERVICES INCORPORATED	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	RUBIO & SON INTERIORS	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	STRIKER CONTRACTING LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	BROWN & ROOT INDUSTRIAL SERVICES LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
GENERAL CONSTRUCTION SERVICES	PARYANI REAL ESTATE LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	LYNN CONSTRUCTION CONTRACTING INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JOHNSON-LAUX CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	LICHTY COMMERCIAL CONSTRUCTION INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	BAYNE DEVELOPMENT GROUP LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	WARD HUMPHREY INCORPORATED	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	UJAMAA CONSTRUCTION SE LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	CENTENNIAL CONTRACTORS ENTERPRISES INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	THE GORDIAN GROUP	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	CROWN RETAIL SERVICES, INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	DARSEY CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	F H PASCHEN S N NIELSEN & ASSOC LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	GREENE & BURDETTE PROP MGNT LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	HCR CONSTRUCTION INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	EQUIX HOLDINGS, INC.	9/1/2020	8/31/2024	Hallock	Services	Convenience
General Office Supplies	STAPLES CONTRACT & COMMERCIAL INC	4/1/2020	3/31/2023	Forbes-Semple	Goods	Convenience
General Office Supplies	MY GEORGIA OFFICE PRODUCTS LLC	4/1/2020	3/31/2023	Forbes-Semple	Goods	Convenience
Generic Drugs and Pharm Distr.	CARDINAL HEALTH	5/1/2003	10/31/2023	Hall	Goods	Mandatory
GOODS - Body Armor	GALVION BALLISTICS LTD	12/29/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Guns and Ammunition	CLYDE ARMORY INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	PRECISION DELTA CORPORATION	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	GULF STATES DISTRIBUTORS INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	GT DISTRIBUTORS INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	ED'S PUBLIC SAFETY INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Hospital and Medical Supplies	HENRY SCHEIN INC	10/2/2019	6/25/2023	Treadway	Goods	Convenience-Consortia
Hospital and Medical Supplies	MCKESSON MEDICAL SURGICAL GOVERNMENT	10/2/2019	3/1/2023	Hallock	Goods	Convenience-Consortia
Hospitality and Personal Paper	SOUTHEASTERN PAPER GROUP	6/1/2018	5/31/2023	Forbes-Semple	Goods	Convenience
Ind., Med., and Spec. Gases	AIRGAS INC	12/1/2018	11/30/2023	Forbes-Semple	Services	Mandatory
Ind., Med., and Spec. Gases	AIR PRODUCTS AND CHEMICALS INC	12/1/2018	11/30/2023	Forbes-Semple	Services	Mandatory
Influenza Virus Vaccine	SANOFI PASTEUR	7/1/2008	12/31/2023	Forbes-Semple	Goods	Mandatory
Influenza Virus Vaccine	GLAXOSMITHKLINE	2/20/2009	12/31/2023	Forbes-Semple	Goods	Mandatory
IN-STATE CAR RENTAL	THE HERTZ CORPORATION	10/6/2013	9/8/2023	Forbes-Semple	Services	Mandatory
IN-STATE CAR RENTAL	ENTERPRISE LEASING COMPANY OF GA LLC	10/7/2013	9/8/2023	Forbes-Semple	Services	Mandatory
Integrated Security & Surveill	A 3 COMMUNICATIONS	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ADAPT TO SOLVE	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ALSCAN INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	COMTECH COMMUNICATIONS OF GEORGIA INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	COOPERCRAFT COMMUNICATIONS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	DG INVESTMENT INTERMEDIATE HOLDINGS 2	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	GC&E SYSTEMS GROUP INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ISO NETWORK LLC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	LMI SYSTEMS LLC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	M C DEAN INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	MOTOROLA SOLUTIONS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	NETPLANNER SYSTEMS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	NETWORK CABLING INFRASTRUCTURE INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	SOUTHERN COMPUTER WAREHOUSE INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
IT Networking Equipment	AVAYA INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	CISCO SYSTEMS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
IT Networking Equipment	DELL MARKETING LP	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	EXTREME NETWORKS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	F5 NETWORKS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	JUNIPER NETWORKS	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	RUCKUS WIRELESS INC	6/21/2018	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	HEWLETT PACKARD ENTERPRISE COMPANY	10/20/2015	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	FORTINET	6/20/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Temp Staffing	COMPUTER AID INC	2/15/2019	2/28/2023	Forbes-Semple	IT	Mandatory
Lamps, Ballasts, Fixtures and	REGENCY ENTERPRISES INCORPORATED	3/22/2022	3/21/2024	Treadway	Goods	Mandatory
Lamps, Ballasts, Fixtures and	E SAM JONES DISTRIBUTOR INC	3/22/2022	3/21/2024	Treadway	Goods	Mandatory
Law Enforcement Equipment	GENERAL SERVICES ADMINISTRATION	6/25/2009	9/30/2050	Hall	Goods	Convenience
Liquid Propane Gas	AMERIGAS PROPANE LP	11/1/2018	10/31/2023	Treadway	Goods	Mandatory
Maintenance Repair and Operati	W W GRAINGER INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	FASTENAL COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	MSC INDUSTRIAL SUPPLY COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	ACUITY SPECIALTY PRODUCTS INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	HD SUPPLY FACILITIES MAINTENANCE LTD	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	KIPPER TOOL COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	MILLER HARDWARE COMPANY INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	HOME DEPOT USA INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	LOWE ELECTRIC SUPPLY CO	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Management Consulting Services	ACCENTURE LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	BERRY DUNN MCNEIL & PARKER	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	DELOITTE CONSULTING LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	ERNST & YOUNG LLP	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	KPMG LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	IKASO CONSULTING LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	MCKINSEY & COMPANY INC	2/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	MGT OF AMERICA LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	PUBLIC CONSULTING GROUP INC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	SIALOM LLC	12/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	THE STORES CONSULTING GROUP LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	AVAAP USA LLC	8/4/2020	6/30/2023	Forbes-Semple	Services	Convenience
Management of GA Natural Gas	PHELTS, W BRENT	4/1/2018	3/31/2023	Hall	Services	Convenience
Media Buying and Advertising	NEW FITZCO LLC	1/13/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	JACOB'S EYE LLC	1/13/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	CHANDLEY COMMUNICATIONS INC	1/26/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	THE NETWORKED PLANET LLC	1/26/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	ODONNELL COMPANY	1/26/2022	1/12/2024	Treadway	Services	Convenience
Microsoft End User Computing	MICROSOFT CORPORATION	10/1/2019	2/28/2023	Hall	IT	Convenience-Consortia
Microsoft Volume Services	MICROSOFT CORPORATION	6/1/2019	5/31/2025	Hall	IT	Convenience-Consortia
Milk	DFA DAIRY BRANDS FLUID LLC	4/21/2021	5/31/2023	Forbes-Semple	Goods	Convenience
Motor Vehicle Maintenance & In	AUTOMOTIVE RENTALS INC	10/5/2009	12/31/2023	Hallock	Services	Convenience
Natural Gas: Firm Delivery Ser	GAS SOUTH LLC	1/1/2020	12/31/2023	Hall	Goods	Mandatory
Natural Gas: Firm Delivery Ser	SCANA ENERGY MARKETING LLC	1/1/2020	12/31/2023	Hall	Goods	Mandatory
Natural Gas: Interruptible Del	GAS SOUTH LLC	11/1/2021	10/31/2023	Hall	Goods	Mandatory
Natural Gas: Interruptible Del	TEXICAN HOLDINGS INC	11/1/2021	10/31/2023	Hall	Goods	Mandatory
New Tires and Retread Tires	BRIDGESTONE AMERICAS TIRE OPERATIONS LLC	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
New Tires and Retread Tires	MICHELIN NORTH AMERICA INC	7/1/2022	6/30/2024	Treadway	Goods	Mandatory

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
New Tires and Retread Tires	THE GOODYEAR TIRE & RUBBER COMPANY	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
New Tires and Retread Tires	CONTINENTAL TIRE THE AMERICAS	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
Office, Computer and Education	AFFORDABLE INTERIOR SYSTEMS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	AGATI INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ARCADIA CHAIR COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ARTOPEX INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	AURORA STORAGE PRODUCTS INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	BLOCKHOUSE COMPANY INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	BRODART COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	CHERRY MAN INDUSTRIES INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	COMMERCIAL FURNITURE GROUP INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	DAR RAN FURNITURE INDUSTRIES	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	DACO LIMITED PARTNERSHIP	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	DIRTT ENVIRONMENTAL SOLUTIONS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	DITTO SALES INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	EGAN VISUAL INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	CORONA GROUP INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	ASSA GROUP INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ERGONOM CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	EXEMPLIS LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	F E HALE MFG CO	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	FAIRWAY HOLDINGS	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	GLOBAL INDUSTRIES INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	GROUPE LACASSE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HAWORTH INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HERMAN MILLER INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HIS FURNITURE	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HLF FURNITURE INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	HUMANSIZE CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	IMF SOLUTIONS LLC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INDIANA FURNITURE INDUSTRIES	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INSCAPE	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INTEGRA INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	WORKRITE ERGONOMICS CANADA INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	JASPER SEATING CO	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	JOHN SAVOY & SON INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	KEILHAUER LTD	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KIMBALL INTERNATIONAL BRANDS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KNOLL INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KRUEGER INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	KRUG FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	LELAND INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	LIAT	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MEUBLES FOLIOT INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MJ INDUSTRIES INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	MOBILIER DE BUREAU LOGIFLEX INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MODUFORM INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	NATIONAL OFFICE FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	NEUTRAL POSTURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Office, Computer and Education	NEW ENGLAND WOODCRAFT INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	NOVA SOLUTIONS	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ALLSEATING CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	OFFICE MASTER INC.	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	OFS BRANDS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	PALMER HAMILTON LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	R T LONDON COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SEATING INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	SICO NORTH AMERICA	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SMITH SYSTEM MFG CO	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SOUTHWEST CONTRACT INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SPACESAVER STORAGE SYSTEMS INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	SPEC FURNITURE	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	STEELCASE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SYMPHONY FURNITURE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	TEKNION LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	THE ALLSTEEL COMPANY INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	THE GUNLOCKE COMPANY LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	THE HON COMPANY INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	TRENDWAY CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	TRINITY FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	WRIGHT LINE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SAUDER MANUFACTURING CO	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	LEEDER FURNITURE LLC	1/24/2022	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SAFCO PRODUCTS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Offset Printing and Related Se	R R DONNELLEY & SONS	5/16/2014	4/30/2023	Hallock	Services	Convenience
OPEN & CLOSED VEHICLE LEASING	ACME AUTO LEASING LLC	10/21/2013	9/20/2023	Hallock	Services	Mandatory
Paint- Interior / Exterior and	SHERWIN WILLIAMS CO	10/1/2017	9/30/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	MANSFIELD OIL COMPANY INC	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	BOSWELL OIL COMPANY	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	PS ENERGY GROUP INC	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	ACREE OIL COMPANY	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	PERRY BROTHERS OIL INC	10/15/2020	12/31/2023	Treadway	Goods	Mandatory
Police Pursuit and Special Ser	ALAN JAY AUTOMOTIVE MANAGEMENT INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	HARDY CHEVROLET BUICK GMC INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	AKINS FORD LLC	12/6/2021	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	FAMILY FORD INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	ALLAN VIGIL FORD LINCOLN MERCURY INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	WADE FORD INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	GINN MOTOR COMPANY INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Printers, MFPs and Related Tec	SHARP ELECTRONICS CORPORATION	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	RICOH USA INC	4/3/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	TOSHIBA AMERICA BUSINESS SOLUTIONS INC	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	XEROX CORPORATION	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	CANON USA INC	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Professional Grade Tools	IDSC HOLDING LLC	12/22/2020	6/30/2023	Treadway	Goods	Convenience-Consortia
Public Safety Two-Way Radios	MOTOROLA SOLUTIONS INC	1/28/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Public Safety Video Systems	WATCHGUARD INC	4/19/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Public Safety Video Systems	AXON ENTERPRISE INC	6/10/2019	3/31/2023	Treadway	IT	Convenience-Consortia

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Public Safety Video Systems	COBAN RESEARCH AND TECHNOLOGIES	6/10/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Purchasing, Travel and Electro	BANK OF AMERICA NA	11/1/2016	10/31/2023	Hall	Services	Mandatory
Rapid Copy and Digital Printin	MOORE PARTNERS INC	3/2/2015	2/28/2023	Treadway	Services	Convenience
School Buses	YANCEY BROS CO	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
School Buses	PEACH STATE TRUCK CENTERS LLC	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
School Buses	RUSH TRUCK CENTERS OF GEORGIA INC	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
Security Services	STRATEGIC SECURITY CORP	7/15/2021	7/14/2023	Treadway	Services	Mandatory
SECURITY SERVICES	DYNAMIC SECURITY INC	7/15/2021	7/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	UNIVERSAL PROTECTION SERVICE LLC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	DYNAMIC SECURITY INC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	STRATEGIC SECURITY CORP	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	CONFIDENTIAL SECURITY AGENCY INC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Software Category 4 Oracle	DELL MARKETING LP	8/25/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	IBM CORPORATION	8/1/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	PRESIDIO NETWORKED SOLUTIONS	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	SHI INTERNATIONAL CORP	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	CDW GOVERNMENT LLC	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	PC SPECIALISTS INC	8/20/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	DELL MARKETING LP	8/24/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Substance Abuse Prog	FIRST HOSPITAL LABORATORIES INC	3/1/2014	2/28/2023	Forbes-Semple	Services	Convenience
Supplemental Public Mass Trans	MOTOR COACH INDUSTRIES	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	PROTERRA INC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	BYD MOTORS LLC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	THE BUS CENTER OF ATLANTA LLC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	CREATIVE BUS SALES INC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
TECHNOLOGY	MICROSOFT CORPORATION	3/1/2022	2/28/2025	Hall	IT	Mandatory
Telehealth Products and Servic	JETDOC INC	12/15/2021	12/14/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	BADVE,SUNIL	12/17/2021	12/16/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	COGNOSANTE LLC	12/17/2021	12/16/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	CAREMARKET INC	12/27/2021	12/26/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	MDLIVE INC	1/12/2022	1/11/2027	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	AMERICAN WELL CORPORATION	1/14/2022	1/13/2026	Forbes-Semple	Services	Convenience
Temporary Staffing Services-St	FOCUS OF GEORGIA INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	ARK TEMPORARY STAFFING LLC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	HAPPY FACES PERSONNEL GROUP INC	6/27/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	NITELINES USA	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	SHAGA CONSULTING & RECRUITING	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	ABACUS CORPORATION	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	DOVER STAFFING INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	CORPORATE TEMPS 2000	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	INGENESIS INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Tier 1 Audio Visual Products a	ONEPATH SYSTEMS LLC	3/16/2010	4/30/2023	Forbes-Semple	IT	Mandatory
Tier 1 Audio Visual Products a	AVI-SPL LLC	3/15/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	BLUUM USA INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	SOUTHERN COMPUTER WAREHOUSE INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	SUMMIT SOLUTIONZ INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tractors and Mowers	TOCCOA HARDWARE, INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JET-VAC EQUIPMENT COMPANY LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	FELSHAW CAPITAL VENTURES INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Tractors and Mowers	GREAT PLAINS MANUFACTURING INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	CNH INDUSTRIAL AMERICA LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATLANTA KUBOTA LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ALAMO GROUP (TX) INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	WESTOVER LAWN AND GARDEN PROPERTIES	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ENVIRONMENTAL PRODUCTS GROUP INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	CLARK EQUIPMENT COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JOHN DEERE SHARED SERVICES INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	REYNOLDS-WARREN EQUIPMENT CO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ASCENDUM MACHINERY INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JERRY PATE TURF & IRRIGATION INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	LANIER OUTDOOR EQUIPMENT INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATLANTIC & SOUTHERN EQUIPMENT	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ARIENS COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	STANANCO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MORIDGE MANUFACTURING INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MASON TRACTOR AND EQUIPMENT CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	COWIN EQUIPMENT COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	G J & L INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	FLINT EQUIPMENT CO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	YANCEY BROS CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MARION FORD TRACTOR	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	DEERE & COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	THE HALL GROUP INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JCB INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	AGCO CORPORATION	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATMAX EQUIPMENT CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	HUSQVARNA PROFESSIONAL PRODUCTS INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MARLIN HOLDINGS 2, LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	BUSH HOG, INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	GREEN CLIMBER OF NORTH AMERICA INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ENERGREEN AMERICA INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Translation, Interpretation, & Sign Language	INTERPRETERS UNLIMITED	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Translation, Interpretation, & Sign Language	LIONBRIDGE TECHNOLOGIES LLC	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Translation, Interpretation, & Sign Language	AD ASTRA INC	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Truck Chassis and Bodies	RUSH TRUCK CENTERS OF GEORGIA INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	GEORGIA KENWORTH INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	HARDY CHEVROLET BUICK GMC INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	FAMILY FORD INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	WADE FORD INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	PEACH STATE TRUCK CENTERS LLC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Two-Way Radios	HARRIS CORPORATION	6/13/2022	6/25/2025	Treadway	IT	Convenience-Consortia
Vaccines Distribution, Includi	MCKESSON MEDICAL SURGICAL GOVERNMENT	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vaccines Including Influenza	FFF ENTERPRISES INC	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vaccines Including Influenza	ASD SPECIALTY HEALTHCARE INC	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vehicle Lifts NJPA	MOHAWK LIFTS LLC	4/13/2021	2/9/2023	Forbes-Semple	Goods	Convenience
WIRELESS, DATA, VOICE AND ACCE	VERIZON COMMUNICATIONS INC	1/8/2021	8/11/2024	Hall	IT	Convenience-Consortia

Interim
ACTIVE STATEWIDE CONTRACTS PORTFOLIO - ASSIGNED CONTRACT
MANAGER EFFECTIVE: JANUARY 17, 2023

Manager Name	Phone	Email
Dr. Carl A. Hall, Contract Management Manager	404-657-4254	carl.hall@doas.ga.gov
Mr. Donnie Treadway, Contract Manager	404-463-0824	donnie.treadway@doas.ga.gov
Mrs. Jennifer Hallock, Contract Manager	404-657-8458	jennifer.hallock@doas.ga.gov
Mrs. Tamar Forbes-Semple, Contract Management Assistant	404-657-9430	tamar.forbes-semple@doas.ga.gov
Ms. Dawn Stone, Contract Management Assistant	404-657-0362	dawn.stone@doas.ga.gov

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Administrative Vehicles	ALLAN VIGIL FORD LINCOLN MERCURY INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	HARDY CHEVROLET BUICK GMC INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	KIA AMERICA INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	GRIFFIN SYLVESTER LLC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	GRIFFIN SYLVESTER LLC	8/12/2015	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	WADE FORD INC	8/12/2015	11/30/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	ATLANTA KUBOTA LLC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	ADRENALIN POWERSPORTS INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	TEXTRON INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	YANCEY BROS CO	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	DEERE & COMPANY	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	CLUB CAR INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	SUZUKI MOTOR USA LLC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	CART MART INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
Apple Computer Hardware	APPLE INC	10/20/2015	2/28/2023	Hall	IT	Convenience
Athletic Equipment and Supplier	FLAGHOUSE INC	9/17/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Athletic Equipment and Supplier	THE PROPHET CORPORATION	9/17/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Athletic Equipment and Supplier	SCHOOL HEALTH CORP	12/29/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Auto Mfg in Ga (AMIGI)	CARRIAGE KIA	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	MIDSTATE AUTOMOTIVE INC II	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	KIA AUTOSPORT OF COLUMBUS	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	KIA AMERICA INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PLANT CITY AUTOMOTIVE INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	HOMETOWN MOTORS IV INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PYE CARS OF DALTON INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	SRCF LLC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	S & H MOTORS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	ATHENS AUTOMOTIVE LLC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	TOWN CENTER INVESTMENTS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PB VALDOSTA MOTORS INC	7/27/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	RICK CASE CARS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Parts (Just-In-Time)	GENUINE PARTS COMPANY	11/1/2022	10/31/2024	Hallock	Goods	Mandatory
Auto Parts (Just-In-Time)	ADVANCE STORES COMPANY INCORPORATED	11/1/2022	10/31/2024	Hallock	Goods	Mandatory
Background Investigation Svcs.	ACCURATE BACKGROUND HOLDING LLC	2/1/2019	1/30/2024	Forbes-Semple	Services	Mandatory
Biological and Laboratory Equi	VWR INTERNATIONAL INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	LAERDAL MEDICAL CORPORATION	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	FISHER SCIENTIFIC COMPANY LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Biological and Laboratory Equi	CAROLINA BIOLOGICAL SUPPLY CO	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	CAPITAL MICROSCOPE SERVICES INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	HUNT OPTICS & IMAGING INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	THOMAS SCIENTIFIC HOLDINGS LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	NYCOM INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	D'S VENTURES LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Body Armor	ANGEL ARMOR LLC	9/20/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	CENTRAL LAKE ARMOR EXPRESS	9/20/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	GH ARMOR SYSTEMS INC	12/29/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	ONYX PROTECTIVE GROUP INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	POINT BLANK BODY ARMOR INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	SLATE SOLUTIONS LLC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	SURVIVAL ARMOR INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	UNITED SHIELD INTERNATIONAL LLC	7/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
BOR -Ghost Education Discount	CDW GOVERNMENT LLC	8/1/2020	7/31/2023	Hall		Convenience-Consortia
Bus Rentals	AUTOMAX RENT A CAR	10/7/2013	5/31/2023	Hallock	Services	Convenience
Capitol Hill Airt Car Rental	THE HERTZ CORPORATION	10/7/2013	7/20/2023	Forbes-Semple	Services	Mandatory
Carpet Floors and Accessories	BENTLEY MILLS, INC.	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	MOHAWK CARPET DISTRIBUTION INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	INTERFACE AMERICAS	12/17/2020	12/16/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	KARNDAN INTERNATIONAL, LLC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	SHAW INDUSTRIES	4/12/2021	4/11/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	TARKETT USA INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	MANNINGTON MILLS INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Certified Audio Visual Product	PRESIDIO NETWORKED SOLUTIONS	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	ONEPATH SYSTEMS LLC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	INTER TECHNOLOGIES CORPORATION	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	PC SPECIALISTS INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	VISUAL SYSTEMS GROUP INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	AVI-SPL LLC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	HOWARD INDUSTRIES INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	BLUUM USA INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	ONE DIVERSIFIED LLC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	CDW GOVERNMENT LLC	8/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	SUMMIT SOLUTIONZ INC	11/10/2017	4/30/2023	Forbes-Semple	IT	Convenience
CFSC & Parts Inventory Mgt.	GENUINE PARTS COMPANY	7/1/2022	6/30/2023	Hallock	Goods	Convenience-Consortia
Cloud Solutions and Services	CARASOFT TECHNOLOGY CORP	10/8/2019	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	SHI INTERNATIONAL CORP	10/8/2019	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	SMARTRONIX LLC	2/26/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	UNISYS CORPORATION	5/13/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	CHERRYROAD TECHNOLOGIES INC	10/22/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	QUEST MEDIA & SUPPLIES INC	12/15/2021	9/15/2026	Treadway	IT	Convenience-Consortia
DATA COMMUNICATION PRODUCTS &	PALO ALTO NETWORKS INC	12/20/2019	9/30/2024	Forbes-Semple	IT	Convenience-Consortia
Discounted Retail Walk In Buil	LOWE'S COMPANIES INC	5/1/2020	4/30/2023	Forbes-Semple	Goods	Convenience
Discounted Retail Walk In Buil	HOME DEPOT USA INC	5/1/2020	4/30/2023	Forbes-Semple	Goods	Convenience
Disinfectant Cleaning Services	CLASPELL, JASON	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	ACESA CLEANING SERVICES, LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	BARTOLOMUCCI AND ASSOCIATES INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	CARTER,CHANDA	6/1/2021	5/31/2023	Hallock	Services	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Disinfectant Cleaning Services	CONTINENTAL ENVIRONMENTAL SERVICES LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	DISINFECTANT SOLUTIONS OF ATLANTA, LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	LGC GLOBAL ENERGY FM LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	MJ CONSULTING AND SERVICES	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	NEW BEGINNINGS COMMERCIAL RESIDENTIAL	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	SMITH,PAMELA JOHNSON	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	PURE AIR CONTROL SERVICES	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	SERVICEMASTER DOWNTOWN COMMERCIALS INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	WILPRO ENTERPRISES INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Document Management Services	ARCHIVE SYSTEMS INC	4/1/2022	1/31/2023	Forbes-Semple	Services	Convenience
ELECTRONIC MONITORING EQUIPMENT	BUDDI LTD	1/1/2017	12/31/2023	Treadway	IT	Mandatory
ELECTRONIC MONITORING EQUIPMENT	SATELLITE TRACKING OF PEOPLE LLC	1/1/2017	12/31/2023	Treadway	IT	Mandatory
ELECTRONIC MONITORING EQUIPMENT	BI INCORPORATED	1/1/2017	12/31/2023	Treadway	IT	Mandatory
End-User Computing	BYTESPEED COMPUTERS	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	CDW GOVERNMENT LLC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	DELL MARKETING LP	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	GOV CONNECTION INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	HP INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	LENOVO - UNITED STATES INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	PANASONIC CORPORATION OF NORTH AMERICA	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	HOWARD INDUSTRIES INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
Enterprise Infrastructure	DELL MARKETING LP	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	HEWLETT PACKARD ENTERPRISE COMPANY	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	LENOVO - UNITED STATES INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	EMC CORPORATION	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	NET APP INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	PURE STORAGE INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	PARAMOUNT SOFTWARE SOLUTIONS INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Equipment Maintenance Services	RONALD E MORROW	10/1/2013	9/30/2023	Treadway	Services	Convenience
Equipment Rental	UNITED RENTALS NORTH AMERICA INC	2/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Equipment Rental	SUNBELT RENTALS INC	6/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Equipment Rental	YANCEY BROS CO	6/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Expedited Delivery	FEDERAL EXPRESS CORPORATION	2/25/2022	11/27/2026	Hallock	Services	Convenience-Consortia
Expedited Delivery	UNITED PARCEL SERVICE	8/1/2022	11/27/2026	Hallock	Services	Convenience-Consortia
Facility Maintenance Solution	CGL FACILITY MANAGEMENT LLC	8/15/2018	7/14/2023	Treadway	Services	Convenience
Food and Food Delivery Service	GORDON FOOD SERVICE	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Food and Food Delivery Service	SUTHERLANDS FOODSERVICE INC	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Food and Food Delivery Service	US FOODS INC	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Fuel Card and AVL Telematics M	WEX BANK	10/1/2014	9/30/2023	Forbes-Semple	Services	Mandatory
Fuel Card and AVL Telematics M	ILER GROUP INC	11/10/2014	11/9/2023	Forbes-Semple	Services	Convenience
GENERAL CONSTRUCTION SERVICES	ALBION GENERAL CONTRACTORS INC	9/1/2020	8/31/2024	Hall	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	HITT CONTRACTING INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JEWEL OF THE SOUTH, INC.	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JOC CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	PRIME CONTRACTORS INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	PLACE SERVICES INCORPORATED	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	RUBIO & SON INTERIORS	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	STRIKER CONTRACTING LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	BROWN & ROOT INDUSTRIAL SERVICES LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia

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GENERAL CONSTRUCTION SERVICES	PARYANI REAL ESTATE LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	LYNN CONSTRUCTION CONTRACTING INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JOHNSON-LAUX CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	LICHTY COMMERCIAL CONSTRUCTION INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	BAYNE DEVELOPMENT GROUP LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	WARD HUMPHREY INCORPORATED	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	UJAMAA CONSTRUCTION SE LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	CENTENNIAL CONTRACTORS ENTERPRISES INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	THE GORDIAN GROUP	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	CROWN RETAIL SERVICES, INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	DARSEY CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	F H PASCHEN S N NIELSEN & ASSOC LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	GREENE & BURDETTE PROP MGNT LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	HCR CONSTRUCTION INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	EQUIX HOLDINGS, INC.	9/1/2020	8/31/2024	Hallock	Services	Convenience
General Office Supplies	STAPLES CONTRACT & COMMERCIAL INC	4/1/2020	3/31/2023	Forbes-Semple	Goods	Convenience
General Office Supplies	MY GEORGIA OFFICE PRODUCTS LLC	4/1/2020	3/31/2023	Forbes-Semple	Goods	Convenience
Generic Drugs and Pharm Distr.	CARDINAL HEALTH	5/1/2003	10/31/2023	Hall	Goods	Mandatory
GOODS - Body Armor	GALVION BALLISTICS LTD	12/29/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Guns and Ammunition	CLYDE ARMORY INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	PRECISION DELTA CORPORATION	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	GULF STATES DISTRIBUTORS INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	GT DISTRIBUTORS INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	ED'S PUBLIC SAFETY INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Hospital and Medical Supplies	HENRY SCHEIN INC	10/2/2019	6/25/2023	Treadway	Goods	Convenience-Consortia
Hospital and Medical Supplies	MCKESSON MEDICAL SURGICAL GOVERNMENT	10/2/2019	3/1/2023	Hallock	Goods	Convenience-Consortia
Hospitality and Personal Paper	SOUTHEASTERN PAPER GROUP	6/1/2018	5/31/2023	Forbes-Semple	Goods	Convenience
Ind., Med., and Spec. Gases	AIRGAS INC	12/1/2018	11/30/2023	Forbes-Semple	Services	Mandatory
Ind., Med., and Spec. Gases	AIR PRODUCTS AND CHEMICALS INC	12/1/2018	11/30/2023	Forbes-Semple	Services	Mandatory
Influenza Virus Vaccine	SANOFI PASTEUR	7/1/2008	12/31/2023	Forbes-Semple	Goods	Mandatory
Influenza Virus Vaccine	GLAXOSMITHKLINE	2/20/2009	12/31/2023	Forbes-Semple	Goods	Mandatory
IN-STATE CAR RENTAL	THE HERTZ CORPORATION	10/6/2013	9/8/2023	Forbes-Semple	Services	Mandatory
IN-STATE CAR RENTAL	ENTERPRISE LEASING COMPANY OF GA LLC	10/7/2013	9/8/2023	Forbes-Semple	Services	Mandatory
Integrated Security & Surveill	A 3 COMMUNICATIONS	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ADAPT TO SOLVE	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ALSCAN INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	COMTECH COMMUNICATIONS OF GEORGIA INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	COOPERCRAFT COMMUNICATIONS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	DG INVESTMENT INTERMEDIATE HOLDINGS 2	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	GC&E SYSTEMS GROUP INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ISO NETWORK LLC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	LMI SYSTEMS LLC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	M C DEAN INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	MOTOROLA SOLUTIONS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	NETPLANNER SYSTEMS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	NETWORK CABLING INFRASTRUCTURE INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	SOUTHERN COMPUTER WAREHOUSE INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
IT Networking Equipment	AVAYA INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	CISCO SYSTEMS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
IT Networking Equipment	DELL MARKETING LP	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	EXTREME NETWORKS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	FS NETWORKS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	JUNIPER NETWORKS	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	RUCKUS WIRELESS INC	6/21/2018	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	HEWLETT PACKARD ENTERPRISE COMPANY	10/20/2015	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	FORTINET	6/20/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Temp Staffing	COMPUTER AID INC	2/15/2019	2/28/2023	Forbes-Semple	IT	Mandatory
Lamps, Ballasts, Fixtures and	REGENCY ENTERPRISES INCORPORATED	3/22/2022	3/21/2024	Treadway	Goods	Mandatory
Lamps, Ballasts, Fixtures and	E SAM JONES DISTRIBUTOR INC	3/22/2022	3/21/2024	Treadway	Goods	Mandatory
Law Enforcement Equipment	GENERAL SERVICES ADMINISTRATION	6/25/2009	9/30/2050	Hall	Goods	Convenience
Liquid Propane Gas	AMERIGAS PROPANE LP	11/1/2018	10/31/2023	Treadway	Goods	Mandatory
Maintenance Repair and Operati	W W GRAINGER INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	FASTENAL COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	MSC INDUSTRIAL SUPPLY COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	ACUITY SPECIALTY PRODUCTS INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	HD SUPPLY FACILITIES MAINTENANCE LTD	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	KIPPER TOOL COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	MILLER HARDWARE COMPANY INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	HOME DEPOT USA INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	LOWE ELECTRIC SUPPLY CO	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Management Consulting Services	ACCENTURE LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	BERRY DUNN MCNEIL & PARKER	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	DELOITTE CONSULTING LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	ERNST & YOUNG LLP	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	KPMG LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	IKASO CONSULTING LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	MCKINSEY & COMPANY INC	2/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	MGT OF AMERICA LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	PUBLIC CONSULTING GROUP INC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	SLALOM LLC	12/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	THE STORES CONSULTING GROUP LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	AVAAP USA LLC	8/4/2020	6/30/2023	Forbes-Semple	Services	Convenience
Management of GA Natural Gas	PHELTS, W BRENT	4/1/2018	3/31/2023	Hall	Services	Convenience
Media Buying and Advertising	NEW FITZCO LLC	1/13/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	JACOB'S EYE LLC	1/13/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	CHANDLEY COMMUNICATIONS INC	1/26/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	THE NETWORKED PLANET LLC	1/26/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	ODONNELL COMPANY	1/26/2022	1/12/2024	Treadway	Services	Convenience
Microsoft End User Computing	MICROSOFT CORPORATION	10/1/2019	2/28/2023	Hall	IT	Convenience-Consortia
Microsoft Volume Services	MICROSOFT CORPORATION	6/1/2019	5/31/2025	Hall	IT	Convenience-Consortia
Milk	DFA DAIRY BRANDS FLUID LLC	4/21/2021	5/31/2023	Forbes-Semple	Goods	Convenience
Motor Vehicle Maintenance & In	AUTOMOTIVE RENTALS INC	10/5/2009	12/31/2023	Hallock	Services	Convenience
Natural Gas: Firm Delivery Ser	GAS SOUTH LLC	1/1/2020	12/31/2023	Hall	Goods	Mandatory
Natural Gas: Firm Delivery Ser	SCANA ENERGY MARKETING LLC	1/1/2020	12/31/2023	Hall	Goods	Mandatory
Natural Gas: Interruptible Del	GAS SOUTH LLC	11/1/2021	10/31/2023	Hall	Goods	Mandatory
Natural Gas: Interruptible Del	TEXICAN HOLDINGS INC	11/1/2021	10/31/2023	Hall	Goods	Mandatory
New Tires and Retread Tires	BRIDGESTONE AMERICAS TIRE OPERATIONS LLC	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
New Tires and Retread Tires	MICHELIN NORTH AMERICA INC	7/1/2022	6/30/2024	Treadway	Goods	Mandatory

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
New Tires and Retread Tires	THE GOODYEAR TIRE & RUBBER COMPANY	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
New Tires and Retread Tires	CONTINENTAL TIRE THE AMERICAS	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
Office, Computer and Education	AFFORDABLE INTERIOR SYSTEMS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	AGATI INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ARCADIA CHAIR COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ARTOPEX INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	AURORA STORAGE PRODUCTS INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	BLOCKHOUSE COMPANY INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	BRODART COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	CHERRY MAN INDUSTRIES INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	COMMERCIAL FURNITURE GROUP INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	DAR RAN FURNITURE INDUSTRIES	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	DACO LIMITED PARTNERSHIP	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	DIRTT ENVIRONMENTAL SOLUTIONS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	DITTO SALES INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	EGAN VISUAL INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	CORONA GROUP INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	ASSA GROUP INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ERGONOM CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	EXEMPLIS LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	F E HALE MFG CO	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	FAIRWAY HOLDINGS	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	GLOBAL INDUSTRIES INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	GROUPE LACASSE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HAWORTH INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HERMAN MILLER INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HIS FURNITURE	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HLF FURNITURE INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	HUMANSIZE CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	IMF SOLUTIONS LLC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INDIANA FURNITURE INDUSTRIES	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INSCAPE	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INTEGRA INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	WORKRITE ERGONOMICS CANADA INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	JASPER SEATING CO	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	JOHN SAVOY & SON INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	KEILHAUER LTD	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KIMBALL INTERNATIONAL BRANDS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KNOLL INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KRUEGER INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	KRUG FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	LELAND INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	LIAT	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MEUBLES FOLIOT INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MJ INDUSTRIES INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	MOBILIER DE BUREAU LOGIFLEX INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MODUFORM INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	NATIONAL OFFICE FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	NEUTRAL POSTURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Office, Computer and Education	NEW ENGLAND WOODCRAFT INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	NOVA SOLUTIONS	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ALLSEATING CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	OFFICE MASTER INC.	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	OFS BRANDS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	PALMER HAMILTON LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	R T LONDON COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SEATING INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	SICO NORTH AMERICA	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SMITH SYSTEM MFG CO	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SOUTHWEST CONTRACT INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SPACESAVER STORAGE SYSTEMS INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	SPEC FURNITURE	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	STEELCASE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SYMPHONY FURNITURE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	TEKNION LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	THE ALLSTEEL COMPANY INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	THE GUNLOCKE COMPANY LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	THE HON COMPANY INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	TRENDWAY CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	TRINITY FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	WRIGHT LINE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SAUDER MANUFACTURING CO	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	LEEDER FURNITURE LLC	1/24/2022	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SAFCO PRODUCTS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Offset Printing and Related Se	R R DONNELLEY & SONS	5/16/2014	4/30/2023	Hallock	Services	Convenience
OPEN & CLOSED VEHICLE LEASING	ACME AUTO LEASING LLC	10/21/2013	9/20/2023	Hallock	Services	Mandatory
Paint- Interior / Exterior and	SHERWIN WILLIAMS CO	10/1/2017	9/30/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	MANSFIELD OIL COMPANY INC	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	BOSWELL OIL COMPANY	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	PS ENERGY GROUP INC	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	ACREE OIL COMPANY	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	PERRY BROTHERS OIL INC	10/15/2020	12/31/2023	Treadway	Goods	Mandatory
Police Pursuit and Special Ser	ALAN JAY AUTOMOTIVE MANAGEMENT INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	HARDY CHEVROLET BUICK GMC INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	AKINS FORD LLC	12/6/2021	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	FAMILY FORD INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	ALLAN VIGIL FORD LINCOLN MERCURY INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	WADE FORD INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	GINN MOTOR COMPANY INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Printers, MFPs and Related Tec	SHARP ELECTRONICS CORPORATION	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	RICOH USA INC	4/3/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	TOSHIBA AMERICA BUSINESS SOLUTIONS INC	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	XEROX CORPORATION	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	CANON USA INC	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Professional Grade Tools	IDSC HOLDING LLC	12/22/2020	6/30/2023	Treadway	Goods	Convenience-Consortia
Public Safety Two-Way Radios	MOTOROLA SOLUTIONS INC	1/28/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Public Safety Video Systems	WATCHGUARD INC	4/19/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Public Safety Video Systems	AXON ENTERPRISE INC	6/10/2019	3/31/2023	Treadway	IT	Convenience-Consortia

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Public Safety Video Systems	COBAN RESEARCH AND TECHNOLOGIES	6/10/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Purchasing, Travel and Electro	BANK OF AMERICA NA	11/1/2016	10/31/2023	Hall	Services	Mandatory
Rapid Copy and Digital Printin	MOORE PARTNERS INC	3/2/2015	2/28/2023	Treadway	Services	Convenience
School Buses	YANCEY BROS CO	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
School Buses	PEACH STATE TRUCK CENTERS LLC	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
School Buses	RUSH TRUCK CENTERS OF GEORGIA INC	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
Security Services	STRATEGIC SECURITY CORP	7/15/2021	7/14/2023	Treadway	Services	Mandatory
SECURITY SERVICES	DYNAMIC SECURITY INC	7/15/2021	7/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	UNIVERSAL PROTECTION SERVICE LLC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	DYNAMIC SECURITY INC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	STRATEGIC SECURITY CORP	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	CONFIDENTIAL SECURITY AGENCY INC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Software Category 4 Oracle	DELL MARKETING LP	8/25/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	IBM CORPORATION	8/1/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	PRESIDIO NETWORKED SOLUTIONS	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	SHI INTERNATIONAL CORP	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	CDW GOVERNMENT LLC	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	PC SPECIALISTS INC	8/20/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	DELL MARKETING LP	8/24/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Substance Abuse Prog	FIRST HOSPITAL LABORATORIES INC	3/1/2014	2/28/2023	Forbes-Semple	Services	Convenience
Supplemental Public Mass Trans	MOTOR COACH INDUSTRIES	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	PROTERRA INC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	BYD MOTORS LLC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	THE BUS CENTER OF ATLANTA LLC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	CREATIVE BUS SALES INC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
TECHNOLOGY	MICROSOFT CORPORATION	3/1/2022	2/28/2025	Hall	IT	Mandatory
Telehealth Products and Servic	JETDOC INC	12/15/2021	12/14/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	BADVE,SUNIL	12/17/2021	12/16/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	COGNOSANTE LLC	12/17/2021	12/16/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	CAREMARKET INC	12/27/2021	12/26/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	MDLIVE INC	1/12/2022	1/11/2027	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	AMERICAN WELL CORPORATION	1/14/2022	1/13/2026	Forbes-Semple	Services	Convenience
Temporary Staffing Services-St	FOCUS OF GEORGIA INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	ARK TEMPORARY STAFFING LLC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	HAPPY FACES PERSONNEL GROUP INC	6/27/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	NITELINES USA	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	SHAGA CONSULTING & RECRUITING	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	ABACUS CORPORATION	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	DOVER STAFFING INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	CORPORATE TEMPS 2000	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	INGENESIS INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Tier 1 Audio Visual Products a	ONEPATH SYSTEMS LLC	3/16/2010	4/30/2023	Forbes-Semple	IT	Mandatory
Tier 1 Audio Visual Products a	AVI-SPL LLC	3/15/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	BLUUM USA INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	SOUTHERN COMPUTER WAREHOUSE INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	SUMMIT SOLUTIONZ INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tractors and Mowers	TOCCOA HARDWARE, INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JET-VAC EQUIPMENT COMPANY LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	FELSHAW CAPITAL VENTURES INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Tractors and Mowers	GREAT PLAINS MANUFACTURING INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	CNH INDUSTRIAL AMERICA LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATLANTA KUBOTA LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ALAMO GROUP (TX) INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	WESTOVER LAWN AND GARDEN PROPERTIES	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ENVIRONMENTAL PRODUCTS GROUP INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	CLARK EQUIPMENT COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JOHN DEERE SHARED SERVICES INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	REYNOLDS-WARREN EQUIPMENT CO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ASCENDUM MACHINERY INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JERRY PATE TURF & IRRIGATION INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	LANIER OUTDOOR EQUIPMENT INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATLANTIC & SOUTHERN EQUIPMENT	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ARIENS COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	STANANCO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MORIDGE MANUFACTURING INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MASON TRACTOR AND EQUIPMENT CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	COWIN EQUIPMENT COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	G J & L INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	FLINT EQUIPMENT CO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	YANCEY BROS CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MARION FORD TRACTOR	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	DEERE & COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	THE HALL GROUP INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JCB INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	AGCO CORPORATION	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATMAX EQUIPMENT CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	HUSQVARNA PROFESSIONAL PRODUCTS INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MARLIN HOLDINGS 2, LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	BUSH HOG, INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	GREEN CLIMBER OF NORTH AMERICA INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ENERGREEN AMERICA INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Translation, Interpretation, & Sign Language	INTERPRETERS UNLIMITED	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Translation, Interpretation, & Sign Language	LIONBRIDGE TECHNOLOGIES LLC	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Translation, Interpretation, & Sign Language	AD ASTRA INC	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Truck Chassis and Bodies	RUSH TRUCK CENTERS OF GEORGIA INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	GEORGIA KENWORTH INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	HARDY CHEVROLET BUICK GMC INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	FAMILY FORD INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	WADE FORD INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	PEACH STATE TRUCK CENTERS LLC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Two-Way Radios	HARRIS CORPORATION	6/13/2022	6/25/2025	Treadway	IT	Convenience-Consortia
Vaccines Distribution, Includi	MCKESSON MEDICAL SURGICAL GOVERNMENT	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vaccines Including Influenza	FFF ENTERPRISES INC	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vaccines Including Influenza	ASD SPECIALTY HEALTHCARE INC	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vehicle Lifts NJPA	MOHAWK LIFTS LLC	4/13/2021	2/9/2023	Forbes-Semple	Goods	Convenience
WIRELESS, DATA, VOICE AND ACCE	VERIZON COMMUNICATIONS INC	1/8/2021	8/11/2024	Hall	IT	Convenience-Consortia



City of Stockbridge

AGENDA ITEM

MEETING DATE

January 31, 2023

FUNDING SOURCE

- ☒ RESOLUTION
- ☐ ORDINANCE
- ☐ CONTRACT APPROVAL/RENEWAL
- ☐ PUBLIC HEARING
- ☐ PRESENTATION
- ☒ BID SELECTION/AWARD
- ☐ TASK ORDER
- ☐ CHANGE ORDER
- ☐ BUDGET AMENDMENT
- ☐ BUDGET TRANSFER
- ☐ PAYMENT APPROVAL
- ☐ OTHER

- ☒ GENERAL FUND/POLICE DEPT.
- ☐ FUND BALANCE
- ☐ SPLOST
- ☐ TSPLOST
- ☐ GRANT
- ☐ HOTEL/MOTEL TOURISM
- ☐ COUNCIL INITIATIVE
- ☐ PARTNER/SPONSOR
- ☐ DEPARTMENT FUND BALANCE
- ☐ BONDING

ACCOUNT TRANSFER FROM: 353-32100-542500

ACCOUNT TRANSFER TO:

PRESENTER: Major Glenn Kalish/ Chief Frank Trammer

DEPARTMENT: POLICE DEPARTMENT

ITEM/PROJECT/EVENT: Purchase of Portable Two-Way Police Radios

Council consideration to approve the purchase of eleven (11) portable two-way radios for the City of Stockbridge Police Department.

BACKGROUND INFORMATION:

With the approved annexation and growth of the City of Stockbridge, as well as the Department of Justice funding for ten additional police positions for the Stockbridge Police Department, it is necessary to purchase eleven (11) additional portable two way radios. The Stockbridge Police Department is requesting to purchase the portable radios from Loudon Communications, Inc. which is a sole source provider of this equipment. The cost of the purchase of eleven (11) additional portable radios is \$68,345.75. The City has approved these items as part of the 2023 Capital Budget.

APPROVALS: CITY MANAGER _____

CITY TREASURER _____

CITY ATTORNEY _____

CHIEF OF POLICE

Frank Trammer

☒ FINANCIAL IMPACT ☐ N/A

AMOUNT \$ 68,345.75

ATTACHMENTS: ☒



Sales Proposal

5680 Stitcher Court
Douglasville GA 30134
Phone: (770) 948-9566
Fax: (770) 948-9532

Two-Way Radios * Data Communications * 911 Consoles * Sirens

By: Alex Coker Email: Alex@Loudouncomm.net Date: 2022-11-17 No: LC-13678

Qty	Model	Description	Price ea.	Total
11	XL-PPM1M-NA	PORTABLE,XL-200P,PKP,BLK,US,NA	\$2,945.00	\$32,395.00
11	XL-PL8T	FEATURE, LTE	\$1,200.00	\$13,200.00
11	XL-PKGPT	FEATURE PACKAGE,P25 TRUNKING	\$1,600.00	\$17,600.00
11	XL-PL4F	FEATURE,P25 PHASE 2 TDMA	\$250.00	\$2,750.00
11	XL-PKG8F	FEATURE,256-AES,64-DES ENCRYPTION	\$750.00	\$8,250.00
11	XL-PL8Y	FEATURE, ENCRYPTION LITE	\$0.00	\$0.00
11	XL-PL5K	FEATURE, PROFILE OTAP OVER-THE-AIR PRGM	\$350.00	\$3,850.00
11	XL-PKGMR	OPTION,IMMERSIBLE RADIO OPERATION	\$250.00	\$2,750.00
11	BM-PKGCL-XL	APP, BEON XL RADIO FAMILY	\$310.25	\$3,412.75
132	SB-SV1D	BROADBAND, LINE OF SERVICE, 1 MONTH	\$10.00	\$1,320.00
22	SB-SV1G	BROADBAND, 1GB DATA	\$13.00	\$286.00
22	XL-PA4K	BATTERY,LI-ION,HI-CAPACITY,4800MAH	\$175.00	\$3,850.00
11	NX-NC8F	ANTENNA,WHIP,1/4 WAVE,762-870MHZ	\$40.00	\$440.00
11	XL-CH4X	CHARGER,1-BAY	\$170.00	\$1,870.00
11	XL-HC3L	BELT CLIP,METAL	\$30.00	\$330.00
11	XL-AE2V	SPEAKER MIC, REVO NC2, C1D2	\$190.00	\$2,090.00
11	SERVICE	Programming	\$27.50	\$302.50
11	XL-HC4Z	CASE, LEATHER, 2.5IN BELT LOOP D-SWIVEL	\$60.00	\$660.00
1	DISCOUNT	L3Harris 30% Contract Discount	(\$27,010.50)	(\$27,010.50)

Quotation To:

Company: Stockbridge Police Department

Address: 4545 N. Henry Blvd.

Stockbridge GA 30281

Attn: Major Richard Godfrey

Email: rgodfrey@cityofstockbridge-ga.gov

Phone: (470) 473-0051

Fax:

Equipment **\$68,345.75**

Sales Tax **\$0.00**

Installation **\$0.00**

Deposit **\$0.00**

Total Sale \$68,345.75

(Pricing valid for 30 days from proposal date)

(Shipping may be additional if not included in Proposal)

Interim
ACTIVE STATEWIDE CONTRACTS PORTFOLIO - ASSIGNED CONTRACT
MANAGER EFFECTIVE: JANUARY 17, 2023

Manager Name	Phone	Email
Dr. Carl A. Hall, Contract Management Manager	404-657-4254	carl.hall@doas.ga.gov
Mr. Donnie Treadway, Contract Manager	404-463-0824	donnie.treadway@doas.ga.gov
Mrs. Jennifer Hallock, Contract Manager	404-657-8458	jennifer.hallock@doas.ga.gov
Mrs. Tamar Forbes-Semple, Contract Management Assistant	404-657-9430	tamar.forbes-semple@doas.ga.gov
Ms. Dawn Stone, Contract Management Assistant	404-657-0362	dawn.stone@doas.ga.gov

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Administrative Vehicles	ALLAN VIGIL FORD LINCOLN MERCURY INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	HARDY CHEVROLET BUICK GMC INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	KIA AMERICA INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	GRIFFIN SYLVESTER LLC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	GRIFFIN SYLVESTER LLC	8/12/2015	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	WADE FORD INC	8/12/2015	11/30/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	ATLANTA KUBOTA LLC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	ADRENALIN POWERSPORTS INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	TEXTRON INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	YANCEY BROS CO	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	DEERE & COMPANY	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	CLUB CAR INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	SUZUKI MOTOR USA LLC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	CART MART INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
Apple Computer Hardware	APPLE INC	10/20/2015	2/28/2023	Hall	IT	Convenience
Athletic Equipment and Supplier	FLAGHOUSE INC	9/17/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Athletic Equipment and Supplier	THE PROPHET CORPORATION	9/17/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Athletic Equipment and Supplier	SCHOOL HEALTH CORP	12/29/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Auto Mfg in Ga (AMIGI)	CARRIAGE KIA	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	MIDSTATE AUTOMOTIVE INC II	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	KIA AUTOSPORT OF COLUMBUS	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	KIA AMERICA INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PLANT CITY AUTOMOTIVE INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	HOMETOWN MOTORS IV INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PYE CARS OF DALTON INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	SRCF LLC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	S & H MOTORS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	ATHENS AUTOMOTIVE LLC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	TOWN CENTER INVESTMENTS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PB VALDOSTA MOTORS INC	7/27/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	RICK CASE CARS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Parts (Just-In-Time)	GENUINE PARTS COMPANY	11/1/2022	10/31/2024	Hallock	Goods	Mandatory
Auto Parts (Just-In-Time)	ADVANCE STORES COMPANY INCORPORATED	11/1/2022	10/31/2024	Hallock	Goods	Mandatory
Background Investigation Svcs.	ACCURATE BACKGROUND HOLDING LLC	2/1/2019	1/30/2024	Forbes-Semple	Services	Mandatory
Biological and Laboratory Equi	VWR INTERNATIONAL INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	LAERDAL MEDICAL CORPORATION	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	FISHER SCIENTIFIC COMPANY LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Biological and Laboratory Equi	CAROLINA BIOLOGICAL SUPPLY CO	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	CAPITAL MICROSCOPE SERVICES INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	HUNT OPTICS & IMAGING INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	THOMAS SCIENTIFIC HOLDINGS LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	NYCOM INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	D'S VENTURES LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Body Armor	ANGEL ARMOR LLC	9/20/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	CENTRAL LAKE ARMOR EXPRESS	9/20/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	GH ARMOR SYSTEMS INC	12/29/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	ONYX PROTECTIVE GROUP INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	POINT BLANK BODY ARMOR INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	SLATE SOLUTIONS LLC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	SURVIVAL ARMOR INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	UNITED SHIELD INTERNATIONAL LLC	7/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
BOR -Ghost Education Discount	CDW GOVERNMENT LLC	8/1/2020	7/31/2023	Hall		Convenience-Consortia
Bus Rentals	AUTOMAX RENT A CAR	10/7/2013	5/31/2023	Hallock	Services	Convenience
Capitol Hill Airt Car Rental	THE HERTZ CORPORATION	10/7/2013	7/20/2023	Forbes-Semple	Services	Mandatory
Carpet Floors and Accessories	BENTLEY MILLS, INC.	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	MOHAWK CARPET DISTRIBUTION INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	INTERFACE AMERICAS	12/17/2020	12/16/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	KARNDEN INTERNATIONAL, LLC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	SHAW INDUSTRIES	4/12/2021	4/11/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	TARKETT USA INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	MANNINGTON MILLS INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Certified Audio Visual Product	PRESIDIO NETWORKED SOLUTIONS	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	ONEPATH SYSTEMS LLC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	INTER TECHNOLOGIES CORPORATION	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	PC SPECIALISTS INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	VISUAL SYSTEMS GROUP INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	AVI-SPL LLC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	HOWARD INDUSTRIES INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	BLUUM USA INC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	ONE DIVERSIFIED LLC	6/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	CDW GOVERNMENT LLC	8/6/2012	4/30/2023	Forbes-Semple	IT	Convenience
Certified Audio Visual Product	SUMMIT SOLUTIONZ INC	11/10/2017	4/30/2023	Forbes-Semple	IT	Convenience
CFSC & Parts Inventory Mgt.	GENUINE PARTS COMPANY	7/1/2022	6/30/2023	Hallock	Goods	Convenience-Consortia
Cloud Solutions and Services	CARASOFT TECHNOLOGY CORP	10/8/2019	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	SHI INTERNATIONAL CORP	10/8/2019	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	SMARTRONIX LLC	2/26/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	UNISYS CORPORATION	5/13/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	CHERRYROAD TECHNOLOGIES INC	10/22/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	QUEST MEDIA & SUPPLIES INC	12/15/2021	9/15/2026	Treadway	IT	Convenience-Consortia
DATA COMMUNICATION PRODUCTS &	PALO ALTO NETWORKS INC	12/20/2019	9/30/2024	Forbes-Semple	IT	Convenience-Consortia
Discounted Retail Walk In Buil	LOWE'S COMPANIES INC	5/1/2020	4/30/2023	Forbes-Semple	Goods	Convenience
Discounted Retail Walk In Buil	HOME DEPOT USA INC	5/1/2020	4/30/2023	Forbes-Semple	Goods	Convenience
Disinfectant Cleaning Services	CLASPELL, JASON	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	ACESA CLEANING SERVICES, LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	BARTOLOMUCCI AND ASSOCIATES INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	CARTER,CHANDA	6/1/2021	5/31/2023	Hallock	Services	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Disinfectant Cleaning Services	CONTINENTAL ENVIRONMENTAL SERVICES LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	DISINFECTANT SOLUTIONS OF ATLANTA, LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	LGC GLOBAL ENERGY FM LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	MJ CONSULTING AND SERVICES	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	NEW BEGINNINGS COMMERCIAL RESIDENTIAL	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	SMITH,PAMELA JOHNSON	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	PURE AIR CONTROL SERVICES	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	SERVICEMASTER DOWNTOWN COMMERCIALS INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	WILPRO ENTERPRISES INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Document Management Services	ARCHIVE SYSTEMS INC	4/1/2022	1/31/2023	Forbes-Semple	Services	Convenience
ELECTRONIC MONITORING EQUIPMENT	BUDDI LTD	1/1/2017	12/31/2023	Treadway	IT	Mandatory
ELECTRONIC MONITORING EQUIPMENT	SATELLITE TRACKING OF PEOPLE LLC	1/1/2017	12/31/2023	Treadway	IT	Mandatory
ELECTRONIC MONITORING EQUIPMENT	BI INCORPORATED	1/1/2017	12/31/2023	Treadway	IT	Mandatory
End-User Computing	BYTESPEED COMPUTERS	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	CDW GOVERNMENT LLC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	DELL MARKETING LP	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	GOV CONNECTION INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	HP INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	LENOVO - UNITED STATES INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	PANASONIC CORPORATION OF NORTH AMERICA	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	HOWARD INDUSTRIES INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
Enterprise Infrastructure	DELL MARKETING LP	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	HEWLETT PACKARD ENTERPRISE COMPANY	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	LENOVO - UNITED STATES INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	EMC CORPORATION	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	NET APP INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	PURE STORAGE INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	PARAMOUNT SOFTWARE SOLUTIONS INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Equipment Maintenance Services	RONALD E MORROW	10/1/2013	9/30/2023	Treadway	Services	Convenience
Equipment Rental	UNITED RENTALS NORTH AMERICA INC	2/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Equipment Rental	SUNBELT RENTALS INC	6/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Equipment Rental	YANCEY BROS CO	6/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Expedited Delivery	FEDERAL EXPRESS CORPORATION	2/25/2022	11/27/2026	Hallock	Services	Convenience-Consortia
Expedited Delivery	UNITED PARCEL SERVICE	8/1/2022	11/27/2026	Hallock	Services	Convenience-Consortia
Facility Maintenance Solution	CGL FACILITY MANAGEMENT LLC	8/15/2018	7/14/2023	Treadway	Services	Convenience
Food and Food Delivery Service	GORDON FOOD SERVICE	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Food and Food Delivery Service	SUTHERLANDS FOODSERVICE INC	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Food and Food Delivery Service	US FOODS INC	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Fuel Card and AVL Telematics M	WEX BANK	10/1/2014	9/30/2023	Forbes-Semple	Services	Mandatory
Fuel Card and AVL Telematics M	ILER GROUP INC	11/10/2014	11/9/2023	Forbes-Semple	Services	Convenience
GENERAL CONSTRUCTION SERVICES	ALBION GENERAL CONTRACTORS INC	9/1/2020	8/31/2024	Hall	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	HITT CONTRACTING INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JEWEL OF THE SOUTH, INC.	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JOC CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	PRIME CONTRACTORS INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	PLACE SERVICES INCORPORATED	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	RUBIO & SON INTERIORS	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	STRIKER CONTRACTING LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	BROWN & ROOT INDUSTRIAL SERVICES LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
GENERAL CONSTRUCTION SERVICES	PARYANI REAL ESTATE LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	LYNN CONSTRUCTION CONTRACTING INC.	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JOHNSON-LAUX CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	LICHTY COMMERCIAL CONSTRUCTION INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	BAYNE DEVELOPMENT GROUP LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	WARD HUMPHREY INCORPORATED	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	UJAMAA CONSTRUCTION SE LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	CENTENNIAL CONTRACTORS ENTERPRISES INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	THE GORDIAN GROUP	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	CROWN RETAIL SERVICES, INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	DARSEY CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	F H PASCHEN S N NIELSEN & ASSOC LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	GREENE & BURDETTE PROP MGNT LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	HCR CONSTRUCTION INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	EQUUX HOLDINGS, INC.	9/1/2020	8/31/2024	Hallock	Services	Convenience
General Office Supplies	STAPLES CONTRACT & COMMERCIAL INC	4/1/2020	3/31/2023	Forbes-Semple	Goods	Convenience
General Office Supplies	MY GEORGIA OFFICE PRODUCTS LLC	4/1/2020	3/31/2023	Forbes-Semple	Goods	Convenience
Generic Drugs and Pharm Distr.	CARDINAL HEALTH	5/1/2003	10/31/2023	Hall	Goods	Mandatory
GOODS - Body Armor	GALVION BALLISTICS LTD	12/29/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Guns and Ammunition	CLYDE ARMORY INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	PRECISION DELTA CORPORATION	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	GULF STATES DISTRIBUTORS INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	GT DISTRIBUTORS INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	ED'S PUBLIC SAFETY INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Hospital and Medical Supplies	HENRY SCHEIN INC	10/2/2019	6/25/2023	Treadway	Goods	Convenience-Consortia
Hospital and Medical Supplies	MCKESSON MEDICAL SURGICAL GOVERNMENT	10/2/2019	3/1/2023	Hallock	Goods	Convenience-Consortia
Hospitality and Personal Paper	SOUTHEASTERN PAPER GROUP	6/1/2018	5/31/2023	Forbes-Semple	Goods	Convenience
Ind., Med., and Spec. Gases	AIRGAS INC	12/1/2018	11/30/2023	Forbes-Semple	Services	Mandatory
Ind., Med., and Spec. Gases	AIR PRODUCTS AND CHEMICALS INC	12/1/2018	11/30/2023	Forbes-Semple	Services	Mandatory
Influenza Virus Vaccine	SANOFI PASTEUR	7/1/2008	12/31/2023	Forbes-Semple	Goods	Mandatory
Influenza Virus Vaccine	GLAXOSMITHKLINE	2/20/2009	12/31/2023	Forbes-Semple	Goods	Mandatory
IN-STATE CAR RENTAL	THE HERTZ CORPORATION	10/6/2013	9/8/2023	Forbes-Semple	Services	Mandatory
IN-STATE CAR RENTAL	ENTERPRISE LEASING COMPANY OF GA LLC	10/7/2013	9/8/2023	Forbes-Semple	Services	Mandatory
Integrated Security & Surveill	A 3 COMMUNICATIONS	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ADAPT TO SOLVE	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ALSCAN INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	COMTECH COMMUNICATIONS OF GEORGIA INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	COOPERCRAFT COMMUNICATIONS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	DG INVESTMENT INTERMEDIATE HOLDINGS 2	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	GC&E SYSTEMS GROUP INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ISO NETWORK LLC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	LMI SYSTEMS LLC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	M C DEAN INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	MOTOROLA SOLUTIONS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	NETPLANNER SYSTEMS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	NETWORK CABLING INFRASTRUCTURE INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	SOUTHERN COMPUTER WAREHOUSE INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
IT Networking Equipment	AVAYA INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	CISCO SYSTEMS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
IT Networking Equipment	DELL MARKETING LP	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	EXTREME NETWORKS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	F5 NETWORKS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	JUNIPER NETWORKS	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	RUCKUS WIRELESS INC	6/21/2018	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	HEWLETT PACKARD ENTERPRISE COMPANY	10/20/2015	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	FORTINET	6/20/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Temp Staffing	COMPUTER AID INC	2/15/2019	2/28/2023	Forbes-Semple	IT	Mandatory
Lamps, Ballasts, Fixtures and	REGENCY ENTERPRISES INCORPORATED	3/22/2022	3/21/2024	Treadway	Goods	Mandatory
Lamps, Ballasts, Fixtures and	E SAM JONES DISTRIBUTOR INC	3/22/2022	3/21/2024	Treadway	Goods	Mandatory
Law Enforcement Equipment	GENERAL SERVICES ADMINISTRATION	6/25/2009	9/30/2050	Hall	Goods	Convenience
Liquid Propane Gas	AMERIGAS PROPANE LP	11/1/2018	10/31/2023	Treadway	Goods	Mandatory
Maintenance Repair and Operati	W W GRAINGER INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	FASTENAL COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	MSC INDUSTRIAL SUPPLY COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	ACUITY SPECIALTY PRODUCTS INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	HD SUPPLY FACILITIES MAINTENANCE LTD	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	KIPPER TOOL COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	MILLER HARDWARE COMPANY INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	HOME DEPOT USA INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	LOWE ELECTRIC SUPPLY CO	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Management Consulting Services	ACCENTURE LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	BERRY DUNN MCNEIL & PARKER	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	DELOITTE CONSULTING LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	ERNST & YOUNG LLP	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	KPMG LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	IKASO CONSULTING LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	MCKINSEY & COMPANY INC	2/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	MGT OF AMERICA LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	PUBLIC CONSULTING GROUP INC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	SIALOM LLC	12/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	THE STORES CONSULTING GROUP LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	AVAAP USA LLC	8/4/2020	6/30/2023	Forbes-Semple	Services	Convenience
Management of GA Natural Gas	PHELTS,W BRENT	4/1/2018	3/31/2023	Hall	Services	Convenience
Media Buying and Advertising	NEW FITZCO LLC	1/13/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	JACOB'S EYE LLC	1/13/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	CHANDLEY COMMUNICATIONS INC	1/26/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	THE NETWORKED PLANET LLC	1/26/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	ODONNELL COMPANY	1/26/2022	1/12/2024	Treadway	Services	Convenience
Microsoft End User Computing	MICROSOFT CORPORATION	10/1/2019	2/28/2023	Hall	IT	Convenience-Consortia
Microsoft Volume Services	MICROSOFT CORPORATION	6/1/2019	5/31/2025	Hall	IT	Convenience-Consortia
Milk	DFA DAIRY BRANDS FLUID LLC	4/21/2021	5/31/2023	Forbes-Semple	Goods	Convenience
Motor Vehicle Maintenance & In	AUTOMOTIVE RENTALS INC	10/5/2009	12/31/2023	Hallock	Services	Convenience
Natural Gas: Firm Delivery Ser	GAS SOUTH LLC	1/1/2020	12/31/2023	Hall	Goods	Mandatory
Natural Gas: Firm Delivery Ser	SCANA ENERGY MARKETING LLC	1/1/2020	12/31/2023	Hall	Goods	Mandatory
Natural Gas: Interruptible Del	GAS SOUTH LLC	11/1/2021	10/31/2023	Hall	Goods	Mandatory
Natural Gas: Interruptible Del	TEXICAN HOLDINGS INC	11/1/2021	10/31/2023	Hall	Goods	Mandatory
New Tires and Retread Tires	BRIDGESTONE AMERICAS TIRE OPERATIONS LLC	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
New Tires and Retread Tires	MICHELIN NORTH AMERICA INC	7/1/2022	6/30/2024	Treadway	Goods	Mandatory

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
New Tires and Retread Tires	THE GOODYEAR TIRE & RUBBER COMPANY	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
New Tires and Retread Tires	CONTINENTAL TIRE THE AMERICAS	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
Office, Computer and Education	AFFORDABLE INTERIOR SYSTEMS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	AGATI INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ARCADIA CHAIR COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ARTOPEX INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	AURORA STORAGE PRODUCTS INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	BLOCKHOUSE COMPANY INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	BRODART COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	CHERRY MAN INDUSTRIES INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	COMMERCIAL FURNITURE GROUP INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	DAR RAN FURNITURE INDUSTRIES	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	DACO LIMITED PARTNERSHIP	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	DIRTT ENVIRONMENTAL SOLUTIONS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	DITTO SALES INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	EGAN VISUAL INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	CORONA GROUP INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	ASSA GROUP INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ERGONOM CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	EXEMPLIS LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	F E HALE MFG CO	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	FAIRWAY HOLDINGS	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	GLOBAL INDUSTRIES INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	GROUPE LACASSE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HAWORTH INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HERMAN MILLER INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HIS FURNITURE	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HLF FURNITURE INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	HUMANSIZE CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	IMF SOLUTIONS LLC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INDIANA FURNITURE INDUSTRIES	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INSCAPE	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INTEGRA INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	WORKRITE ERGONOMICS CANADA INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	JASPER SEATING CO	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	JOHN SAVOY & SON INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	KEILHAUER LTD	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KIMBALL INTERNATIONAL BRANDS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KNOLL INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KRUEGER INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	KRUG FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	LELAND INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	LIAT	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MEUBLES FOLIOT INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MJ INDUSTRIES INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	MOBILIER DE BUREAU LOGIFLEX INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MODUFORM INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	NATIONAL OFFICE FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	NEUTRAL POSTURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Office, Computer and Education	NEW ENGLAND WOODCRAFT INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	NOVA SOLUTIONS	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ALLSEATING CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	OFFICE MASTER INC.	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	OFS BRANDS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	PALMER HAMILTON LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	R T LONDON COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SEATING INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	SICO NORTH AMERICA	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SMITH SYSTEM MFG CO	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SOUTHWEST CONTRACT INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SPACESAVER STORAGE SYSTEMS INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	SPEC FURNITURE	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	STEELCASE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SYMPHONY FURNITURE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	TEKNION LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	THE ALLSTEEL COMPANY INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	THE GUNLOCKE COMPANY LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	THE HON COMPANY INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	TRENDWAY CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	TRINITY FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	WRIGHT LINE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SAUDER MANUFACTURING CO	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	LEEDER FURNITURE LLC	1/24/2022	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SAFCO PRODUCTS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Offset Printing and Related Se	R R DONNELLEY & SONS	5/16/2014	4/30/2023	Hallock	Services	Convenience
OPEN & CLOSED VEHICLE LEASING	ACME AUTO LEASING LLC	10/21/2013	9/20/2023	Hallock	Services	Mandatory
Paint- Interior / Exterior and	SHERWIN WILLIAMS CO	10/1/2017	9/30/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	MANSFIELD OIL COMPANY INC	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	BOSWELL OIL COMPANY	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	PS ENERGY GROUP INC	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	ACREE OIL COMPANY	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	PERRY BROTHERS OIL INC	10/15/2020	12/31/2023	Treadway	Goods	Mandatory
Police Pursuit and Special Ser	ALAN JAY AUTOMOTIVE MANAGEMENT INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	HARDY CHEVROLET BUICK GMC INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	AKINS FORD LLC	12/6/2021	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	FAMILY FORD INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	ALLAN VIGIL FORD LINCOLN MERCURY INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	WADE FORD INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	GINN MOTOR COMPANY INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Printers, MFPs and Related Tec	SHARP ELECTRONICS CORPORATION	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	RICOH USA INC	4/3/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	TOSHIBA AMERICA BUSINESS SOLUTIONS INC	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	XEROX CORPORATION	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	CANON USA INC	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Professional Grade Tools	IDSC HOLDING LLC	12/22/2020	6/30/2023	Treadway	Goods	Convenience-Consortia
Public Safety Two-Way Radios	MOTOROLA SOLUTIONS INC	1/28/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Public Safety Video Systems	WATCHGUARD INC	4/19/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Public Safety Video Systems	AXON ENTERPRISE INC	6/10/2019	3/31/2023	Treadway	IT	Convenience-Consortia

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Public Safety Video Systems	COBAN RESEARCH AND TECHNOLOGIES	6/10/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Purchasing, Travel and Electro	BANK OF AMERICA NA	11/1/2016	10/31/2023	Hall	Services	Mandatory
Rapid Copy and Digital Printin	MOORE PARTNERS INC	3/2/2015	2/28/2023	Treadway	Services	Convenience
School Buses	YANCEY BROS CO	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
School Buses	PEACH STATE TRUCK CENTERS LLC	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
School Buses	RUSH TRUCK CENTERS OF GEORGIA INC	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
Security Services	STRATEGIC SECURITY CORP	7/15/2021	7/14/2023	Treadway	Services	Mandatory
SECURITY SERVICES	DYNAMIC SECURITY INC	7/15/2021	7/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	UNIVERSAL PROTECTION SERVICE LLC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	DYNAMIC SECURITY INC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	STRATEGIC SECURITY CORP	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	CONFIDENTIAL SECURITY AGENCY INC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Software Category 4 Oracle	DELL MARKETING LP	8/25/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	IBM CORPORATION	8/1/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	PRESIDIO NETWORKED SOLUTIONS	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	SHI INTERNATIONAL CORP	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	CDW GOVERNMENT LLC	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	PC SPECIALISTS INC	8/20/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	DELL MARKETING LP	8/24/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Substance Abuse Prog	FIRST HOSPITAL LABORATORIES INC	3/1/2014	2/28/2023	Forbes-Semple	Services	Convenience
Supplemental Public Mass Trans	MOTOR COACH INDUSTRIES	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	PROTERRA INC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	BYD MOTORS LLC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	THE BUS CENTER OF ATLANTA LLC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	CREATIVE BUS SALES INC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
TECHNOLOGY	MICROSOFT CORPORATION	3/1/2022	2/28/2025	Hall	IT	Mandatory
Telehealth Products and Servic	JETDOC INC	12/15/2021	12/14/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	BADVE,SUNIL	12/17/2021	12/16/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	COGNOSANTE LLC	12/17/2021	12/16/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	CAREMARKET INC	12/27/2021	12/26/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	MDLIVE INC	1/12/2022	1/11/2027	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	AMERICAN WELL CORPORATION	1/14/2022	1/13/2026	Forbes-Semple	Services	Convenience
Temporary Staffing Services-St	FOCUS OF GEORGIA INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	ARK TEMPORARY STAFFING LLC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	HAPPY FACES PERSONNEL GROUP INC	6/27/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	NITELINES USA	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	SHAGA CONSULTING & RECRUITING	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	ABACUS CORPORATION	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	DOVER STAFFING INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	CORPORATE TEMPS 2000	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	INGENESIS INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Tier 1 Audio Visual Products a	ONEPATH SYSTEMS LLC	3/16/2010	4/30/2023	Forbes-Semple	IT	Mandatory
Tier 1 Audio Visual Products a	AVI-SPL LLC	3/15/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	BLUUM USA INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	SOUTHERN COMPUTER WAREHOUSE INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	SUMMIT SOLUTIONZ INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tractors and Mowers	TOCCOA HARDWARE, INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JET-VAC EQUIPMENT COMPANY LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	FELSHAW CAPITAL VENTURES INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Tractors and Mowers	GREAT PLAINS MANUFACTURING INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	CNH INDUSTRIAL AMERICA LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATLANTA KUBOTA LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ALAMO GROUP (TX) INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	WESTOVER LAWN AND GARDEN PROPERTIES	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ENVIRONMENTAL PRODUCTS GROUP INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	CLARK EQUIPMENT COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JOHN DEERE SHARED SERVICES INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	REYNOLDS-WARREN EQUIPMENT CO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ASCENDUM MACHINERY INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JERRY PATE TURF & IRRIGATION INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	LANIER OUTDOOR EQUIPMENT INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATLANTIC & SOUTHERN EQUIPMENT	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ARIENS COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	STANANCO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MORIDGE MANUFACTURING INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MASON TRACTOR AND EQUIPMENT CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	COWIN EQUIPMENT COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	G J & L INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	FLINT EQUIPMENT CO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	YANCEY BROS CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MARION FORD TRACTOR	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	DEERE & COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	THE HALL GROUP INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JCB INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	AGCO CORPORATION	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATMAX EQUIPMENT CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	HUSQVARNA PROFESSIONAL PRODUCTS INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MARLIN HOLDINGS 2, LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	BUSH HOG, INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	GREEN CLIMBER OF NORTH AMERICA INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ENERGREEN AMERICA INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Translation, Interpretation, & Sign Language	INTERPRETERS UNLIMITED	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Translation, Interpretation, & Sign Language	LIONBRIDGE TECHNOLOGIES LLC	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Translation, Interpretation, & Sign Language	AD ASTRA INC	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Truck Chassis and Bodies	RUSH TRUCK CENTERS OF GEORGIA INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	GEORGIA KENWORTH INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	HARDY CHEVROLET BUICK GMC INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	FAMILY FORD INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	WADE FORD INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	PEACH STATE TRUCK CENTERS LLC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Two-Way Radios	HARRIS CORPORATION	6/13/2022	6/25/2025	Treadway	IT	Convenience-Consortia
Vaccines Distribution, Includi	MCKESSON MEDICAL SURGICAL GOVERNMENT	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vaccines Including Influenza	FFF ENTERPRISES INC	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vaccines Including Influenza	ASD SPECIALTY HEALTHCARE INC	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vehicle Lifts NJPA	MOHAWK LIFTS LLC	4/13/2021	2/9/2023	Forbes-Semple	Goods	Convenience
WIRELESS, DATA, VOICE AND ACCE	VERIZON COMMUNICATIONS INC	1/8/2021	8/11/2024	Hall	IT	Convenience-Consortia

Interim
ACTIVE STATEWIDE CONTRACTS PORTFOLIO - ASSIGNED CONTRACT
MANAGER EFFECTIVE: JANUARY 17, 2023

Manager Name	Phone	Email
Dr. Carl A. Hall, Contract Management Manager	404-657-4254	carl.hall@doas.ga.gov
Mr. Donnie Treadway, Contract Manager	404-463-0824	donnie.treadway@doas.ga.gov
Mrs. Jennifer Hallock, Contract Manager	404-657-8458	jennifer.hallock@doas.ga.gov
Mrs. Tamar Forbes-Semple, Contract Management Assistant	404-657-9430	tamar.forbes-semple@doas.ga.gov
Ms. Dawn Stone, Contract Management Assistant	404-657-0362	dawn.stone@doas.ga.gov

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Administrative Vehicles	ALLAN VIGIL FORD LINCOLN MERCURY INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	HARDY CHEVROLET BUICK GMC INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	KIA AMERICA INC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	GRIFFIN SYLVESTER LLC	11/16/2013	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	GRIFFIN SYLVESTER LLC	8/12/2015	11/30/2023	Hallock	Goods	Mandatory
Administrative Vehicles	WADE FORD INC	8/12/2015	11/30/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	ATLANTA KUBOTA LLC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	ADRENALIN POWERSPORTS INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	TEXTRON INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	YANCEY BROS CO	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	DEERE & COMPANY	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	CLUB CAR INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	SUZUKI MOTOR USA LLC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
All Terrain Vehicles, Utility	CART MART INC	4/8/2021	4/7/2023	Hallock	Goods	Mandatory
Apple Computer Hardware	APPLE INC	10/20/2015	2/28/2023	Hall	IT	Convenience
Athletic Equipment and Supplier	FLAGHOUSE INC	9/17/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Athletic Equipment and Supplier	THE PROPHET CORPORATION	9/17/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Athletic Equipment and Supplier	SCHOOL HEALTH CORP	12/29/2021	10/3/2023	Treadway	Goods	Convenience-Consortia
Auto Mfg in Ga (AMIGI)	CARRIAGE KIA	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	MIDSTATE AUTOMOTIVE INC II	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	KIA AUTOSPORT OF COLUMBUS	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	KIA AMERICA INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PLANT CITY AUTOMOTIVE INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	HOMETOWN MOTORS IV INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PYE CARS OF DALTON INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	SRCF LLC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	S & H MOTORS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	ATHENS AUTOMOTIVE LLC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	TOWN CENTER INVESTMENTS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	PB VALDOSTA MOTORS INC	7/27/2015	6/30/2025	Hallock	Goods	Convenience
Auto Mfg in Ga (AMIGI)	RICK CASE CARS INC	7/1/2015	6/30/2025	Hallock	Goods	Convenience
Auto Parts (Just-In-Time)	GENUINE PARTS COMPANY	11/1/2022	10/31/2024	Hallock	Goods	Mandatory
Auto Parts (Just-In-Time)	ADVANCE STORES COMPANY INCORPORATED	11/1/2022	10/31/2024	Hallock	Goods	Mandatory
Background Investigation Svcs.	ACCURATE BACKGROUND HOLDING LLC	2/1/2019	1/30/2024	Forbes-Semple	Services	Mandatory
Biological and Laboratory Equi	VWR INTERNATIONAL INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	LAERDAL MEDICAL CORPORATION	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	FISHER SCIENTIFIC COMPANY LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Biological and Laboratory Equi	CAROLINA BIOLOGICAL SUPPLY CO	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	CAPITAL MICROSCOPE SERVICES INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	HUNT OPTICS & IMAGING INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	THOMAS SCIENTIFIC HOLDINGS LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	NYCOM INC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Biological and Laboratory Equi	D'S VENTURES LLC	9/16/2019	9/15/2023	Hallock	Goods	Convenience
Body Armor	ANGEL ARMOR LLC	9/20/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	CENTRAL LAKE ARMOR EXPRESS	9/20/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	GH ARMOR SYSTEMS INC	12/29/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	ONYX PROTECTIVE GROUP INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	POINT BLANK BODY ARMOR INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	SLATE SOLUTIONS LLC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	SURVIVAL ARMOR INC	10/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Body Armor	UNITED SHIELD INTERNATIONAL LLC	7/21/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
BOR -Ghost Education Discount	CDW GOVERNMENT LLC	8/1/2020	7/31/2023	Hall		Convenience-Consortia
Bus Rentals	AUTOMAX RENT A CAR	10/7/2013	5/31/2023	Hallock	Services	Convenience
Capitol Hill Airt Car Rental	THE HERTZ CORPORATION	10/7/2013	7/20/2023	Forbes-Sample	Services	Mandatory
Carpet Floors and Accessories	BENTLEY MILLS, INC.	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	MOHAWK CARPET DISTRIBUTION INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	INTERFACE AMERICAS	12/17/2020	12/16/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	KARNDAN INTERNATIONAL, LLC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	SHAW INDUSTRIES	4/12/2021	4/11/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	TARKETT USA INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Carpet Floors and Accessories	MANNINGTON MILLS INC	12/1/2020	11/30/2023	Treadway	Goods	Convenience-Consortia
Certified Audio Visual Product	PRESIDIO NETWORKED SOLUTIONS	6/6/2012	4/30/2023	Forbes-Sample	IT	Convenience
Certified Audio Visual Product	ONEPATH SYSTEMS LLC	6/6/2012	4/30/2023	Forbes-Sample	IT	Convenience
Certified Audio Visual Product	INTER TECHNOLOGIES CORPORATION	6/6/2012	4/30/2023	Forbes-Sample	IT	Convenience
Certified Audio Visual Product	PC SPECIALISTS INC	6/6/2012	4/30/2023	Forbes-Sample	IT	Convenience
Certified Audio Visual Product	VISUAL SYSTEMS GROUP INC	6/6/2012	4/30/2023	Forbes-Sample	IT	Convenience
Certified Audio Visual Product	AVI-SPL LLC	6/6/2012	4/30/2023	Forbes-Sample	IT	Convenience
Certified Audio Visual Product	HOWARD INDUSTRIES INC	6/6/2012	4/30/2023	Forbes-Sample	IT	Convenience
Certified Audio Visual Product	BLUUM USA INC	6/6/2012	4/30/2023	Forbes-Sample	IT	Convenience
Certified Audio Visual Product	ONE DIVERSIFIED LLC	6/6/2012	4/30/2023	Forbes-Sample	IT	Convenience
Certified Audio Visual Product	CDW GOVERNMENT LLC	8/6/2012	4/30/2023	Forbes-Sample	IT	Convenience
Certified Audio Visual Product	SUMMIT SOLUTIONZ INC	11/10/2017	4/30/2023	Forbes-Sample	IT	Convenience
CFSC & Parts Inventory Mgt.	GENUINE PARTS COMPANY	7/1/2022	6/30/2023	Hallock	Goods	Convenience-Consortia
Cloud Solutions and Services	CARASOFT TECHNOLOGY CORP	10/8/2019	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	SHI INTERNATIONAL CORP	10/8/2019	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	SMARTRONIX LLC	2/26/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	UNISYS CORPORATION	5/13/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	CHERRYROAD TECHNOLOGIES INC	10/22/2021	9/15/2026	Treadway	IT	Convenience-Consortia
Cloud Solutions and Services	QUEST MEDIA & SUPPLIES INC	12/15/2021	9/15/2026	Treadway	IT	Convenience-Consortia
DATA COMMUNICATION PRODUCTS &	PALO ALTO NETWORKS INC	12/20/2019	9/30/2024	Forbes-Sample	IT	Convenience-Consortia
Discounted Retail Walk In Buil	LOWE'S COMPANIES INC	5/1/2020	4/30/2023	Forbes-Sample	Goods	Convenience
Discounted Retail Walk In Buil	HOME DEPOT USA INC	5/1/2020	4/30/2023	Forbes-Sample	Goods	Convenience
Disinfectant Cleaning Services	CLASPELL, JASON	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	ACESA CLEANING SERVICES, LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	BARTOLOMUCCI AND ASSOCIATES INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	CARTER,CHANDA	6/1/2021	5/31/2023	Hallock	Services	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Disinfectant Cleaning Services	CONTINENTAL ENVIRONMENTAL SERVICES LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	DISINFECTANT SOLUTIONS OF ATLANTA, LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	LGC GLOBAL ENERGY FM LLC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	MJ CONSULTING AND SERVICES	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	NEW BEGINNINGS COMMERCIAL RESIDENTIAL	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	SMITH,PAMELA JOHNSON	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	PURE AIR CONTROL SERVICES	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	SERVICEMASTER DOWNTOWN COMMERCIALS INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Disinfectant Cleaning Services	WILPRO ENTERPRISES INC	6/1/2021	5/31/2023	Hallock	Services	Convenience
Document Management Services	ARCHIVE SYSTEMS INC	4/1/2022	1/31/2023	Forbes-Semple	Services	Convenience
ELECTRONIC MONITORING EQUIPMENT	BUDDI LTD	1/1/2017	12/31/2023	Treadway	IT	Mandatory
ELECTRONIC MONITORING EQUIPMENT	SATELLITE TRACKING OF PEOPLE LLC	1/1/2017	12/31/2023	Treadway	IT	Mandatory
ELECTRONIC MONITORING EQUIPMENT	BI INCORPORATED	1/1/2017	12/31/2023	Treadway	IT	Mandatory
End-User Computing	BYTESPEED COMPUTERS	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	CDW GOVERNMENT LLC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	DELL MARKETING LP	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	GOV CONNECTION INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	HP INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	LENOVO - UNITED STATES INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	PANASONIC CORPORATION OF NORTH AMERICA	6/3/2019	6/2/2023	Treadway	IT	Convenience
End-User Computing	HOWARD INDUSTRIES INC	6/3/2019	6/2/2023	Treadway	IT	Convenience
Enterprise Infrastructure	DELL MARKETING LP	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	HEWLETT PACKARD ENTERPRISE COMPANY	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	LENOVO - UNITED STATES INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	EMC CORPORATION	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	NET APP INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	PURE STORAGE INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Enterprise Infrastructure	PARAMOUNT SOFTWARE SOLUTIONS INC	11/9/2018	11/8/2023	Treadway	IT	Mandatory
Equipment Maintenance Services	RONALD E MORROW	10/1/2013	9/30/2023	Treadway	Services	Convenience
Equipment Rental	UNITED RENTALS NORTH AMERICA INC	2/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Equipment Rental	SUNBELT RENTALS INC	6/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Equipment Rental	YANCEY BROS CO	6/1/2021	8/27/2023	Treadway	Services	Convenience-Consortia
Expedited Delivery	FEDERAL EXPRESS CORPORATION	2/25/2022	11/27/2026	Hallock	Services	Convenience-Consortia
Expedited Delivery	UNITED PARCEL SERVICE	8/1/2022	11/27/2026	Hallock	Services	Convenience-Consortia
Facility Maintenance Solution	CGL FACILITY MANAGEMENT LLC	8/15/2018	7/14/2023	Treadway	Services	Convenience
Food and Food Delivery Service	GORDON FOOD SERVICE	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Food and Food Delivery Service	SUTHERLANDS FOODSERVICE INC	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Food and Food Delivery Service	US FOODS INC	6/24/2020	6/23/2023	Treadway	Goods	Convenience
Fuel Card and AVL Telematics M	WEX BANK	10/1/2014	9/30/2023	Forbes-Semple	Services	Mandatory
Fuel Card and AVL Telematics M	ILER GROUP INC	11/10/2014	11/9/2023	Forbes-Semple	Services	Convenience
GENERAL CONSTRUCTION SERVICES	ALBION GENERAL CONTRACTORS INC	9/1/2020	8/31/2024	Hall	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	HITT CONTRACTING INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JEWEL OF THE SOUTH, INC.	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JOC CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	PRIME CONTRACTORS INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	PLACE SERVICES INCORPORATED	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	RUBIO & SON INTERIORS	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	STRIKER CONTRACTING LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	BROWN & ROOT INDUSTRIAL SERVICES LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
GENERAL CONSTRUCTION SERVICES	PARYANI REAL ESTATE LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	LYNN CONSTRUCTION CONTRACTING INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	JOHNSON-LAUX CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	LICHTY COMMERCIAL CONSTRUCTION INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	BAYNE DEVELOPMENT GROUP LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	WARD HUMPHREY INCORPORATED	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	UJAMAA CONSTRUCTION SE LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	CENTENNIAL CONTRACTORS ENTERPRISES INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	THE GORDIAN GROUP	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	CROWN RETAIL SERVICES, INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	DARSEY CONSTRUCTION LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	F H PASCHEN S N NIELSEN & ASSOC LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	GREENE & BURDETTE PROP MGNT LLC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	HCR CONSTRUCTION INC	9/1/2020	8/31/2024	Hallock	Services	Convenience-Consortia
GENERAL CONSTRUCTION SERVICES	EQUIX HOLDINGS, INC.	9/1/2020	8/31/2024	Hallock	Services	Convenience
General Office Supplies	STAPLES CONTRACT & COMMERCIAL INC	4/1/2020	3/31/2023	Forbes-Semple	Goods	Convenience
General Office Supplies	MY GEORGIA OFFICE PRODUCTS LLC	4/1/2020	3/31/2023	Forbes-Semple	Goods	Convenience
Generic Drugs and Pharm Distr.	CARDINAL HEALTH	5/1/2003	10/31/2023	Hall	Goods	Mandatory
GOODS - Body Armor	GALVION BALLISTICS LTD	12/29/2021	11/10/2023	Treadway	Goods	Convenience-Consortia
Guns and Ammunition	CLYDE ARMORY INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	PRECISION DELTA CORPORATION	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	GULF STATES DISTRIBUTORS INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	GT DISTRIBUTORS INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Guns and Ammunition	ED'S PUBLIC SAFETY INC	1/17/2019	1/16/2024	Treadway	Goods	Mandatory
Hospital and Medical Supplies	HENRY SCHEIN INC	10/2/2019	6/25/2023	Treadway	Goods	Convenience-Consortia
Hospital and Medical Supplies	MCKESSON MEDICAL SURGICAL GOVERNMENT	10/2/2019	3/1/2023	Hallock	Goods	Convenience-Consortia
Hospitality and Personal Paper	SOUTHEASTERN PAPER GROUP	6/1/2018	5/31/2023	Forbes-Semple	Goods	Convenience
Ind., Med., and Spec. Gases	AIRGAS INC	12/1/2018	11/30/2023	Forbes-Semple	Services	Mandatory
Ind., Med., and Spec. Gases	AIR PRODUCTS AND CHEMICALS INC	12/1/2018	11/30/2023	Forbes-Semple	Services	Mandatory
Influenza Virus Vaccine	SANOFI PASTEUR	7/1/2008	12/31/2023	Forbes-Semple	Goods	Mandatory
Influenza Virus Vaccine	GLAXOSMITHKLINE	2/20/2009	12/31/2023	Forbes-Semple	Goods	Mandatory
IN-STATE CAR RENTAL	THE HERTZ CORPORATION	10/6/2013	9/8/2023	Forbes-Semple	Services	Mandatory
IN-STATE CAR RENTAL	ENTERPRISE LEASING COMPANY OF GA LLC	10/7/2013	9/8/2023	Forbes-Semple	Services	Mandatory
Integrated Security & Surveill	A 3 COMMUNICATIONS	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ADAPT TO SOLVE	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ALSCAN INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	COMTECH COMMUNICATIONS OF GEORGIA INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	COOPERCRAFT COMMUNICATIONS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	DG INVESTMENT INTERMEDIATE HOLDINGS 2	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	GC&E SYSTEMS GROUP INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	ISO NETWORK LLC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	LMI SYSTEMS LLC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	M C DEAN INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	MOTOROLA SOLUTIONS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	NETPLANNER SYSTEMS INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	NETWORK CABLING INFRASTRUCTURE INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
Integrated Security & Surveill	SOUTHERN COMPUTER WAREHOUSE INC	5/1/2021	4/30/2023	Treadway	IT	Mandatory
IT Networking Equipment	AVAYA INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	CISCO SYSTEMS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
IT Networking Equipment	DELL MARKETING LP	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	EXTREME NETWORKS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	FS NETWORKS INC	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	JUNIPER NETWORKS	6/1/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	RUCKUS WIRELESS INC	6/21/2018	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	HEWLETT PACKARD ENTERPRISE COMPANY	10/20/2015	9/30/2023	Forbes-Semple	IT	Convenience
IT Networking Equipment	FORTINET	6/20/2012	9/30/2023	Forbes-Semple	IT	Convenience
IT Temp Staffing	COMPUTER AID INC	2/15/2019	2/28/2023	Forbes-Semple	IT	Mandatory
Lamps, Ballasts, Fixtures and	REGENCY ENTERPRISES INCORPORATED	3/22/2022	3/21/2024	Treadway	Goods	Mandatory
Lamps, Ballasts, Fixtures and	E SAM JONES DISTRIBUTOR INC	3/22/2022	3/21/2024	Treadway	Goods	Mandatory
Law Enforcement Equipment	GENERAL SERVICES ADMINISTRATION	6/25/2009	9/30/2050	Hall	Goods	Convenience
Liquid Propane Gas	AMERIGAS PROPANE LP	11/1/2018	10/31/2023	Treadway	Goods	Mandatory
Maintenance Repair and Operati	W W GRAINGER INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	FASTENAL COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	MSC INDUSTRIAL SUPPLY COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	ACUITY SPECIALTY PRODUCTS INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	HD SUPPLY FACILITIES MAINTENANCE LTD	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	KIPPER TOOL COMPANY	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	MILLER HARDWARE COMPANY INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	HOME DEPOT USA INC	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Maintenance Repair and Operati	LOWE ELECTRIC SUPPLY CO	4/1/2021	3/31/2023	Treadway	Goods	Convenience
Management Consulting Services	ACCENTURE LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	BERRY DUNN MCNEIL & PARKER	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	DELOITTE CONSULTING LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	ERNST & YOUNG LLP	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	KPMG LLP	1/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	IKASO CONSULTING LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	MCKINSEY & COMPANY INC	2/1/2019	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	MGT OF AMERICA LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	PUBLIC CONSULTING GROUP INC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	SLALOM LLC	12/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	THE STORES CONSULTING GROUP LLC	8/1/2018	6/30/2023	Forbes-Semple	Services	Convenience
Management Consulting Services	AVAAP USA LLC	8/4/2020	6/30/2023	Forbes-Semple	Services	Convenience
Management of GA Natural Gas	PHELTS,W BRENT	4/1/2018	3/31/2023	Hall	Services	Convenience
Media Buying and Advertising	NEW FITZCO LLC	1/13/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	JACOB'S EYE LLC	1/13/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	CHANDLEY COMMUNICATIONS INC	1/26/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	THE NETWORKED PLANET LLC	1/26/2022	1/12/2024	Treadway	Services	Convenience
Media Buying and Advertising	ODONNELL COMPANY	1/26/2022	1/12/2024	Treadway	Services	Convenience
Microsoft End User Computing	MICROSOFT CORPORATION	10/1/2019	2/28/2023	Hall	IT	Convenience-Consortia
Microsoft Volume Services	MICROSOFT CORPORATION	6/1/2019	5/31/2025	Hall	IT	Convenience-Consortia
Milk	DFA DAIRY BRANDS FLUID LLC	4/21/2021	5/31/2023	Forbes-Semple	Goods	Convenience
Motor Vehicle Maintenance & In	AUTOMOTIVE RENTALS INC	10/5/2009	12/31/2023	Hallock	Services	Convenience
Natural Gas: Firm Delivery Ser	GAS SOUTH LLC	1/1/2020	12/31/2023	Hall	Goods	Mandatory
Natural Gas: Firm Delivery Ser	SCANA ENERGY MARKETING LLC	1/1/2020	12/31/2023	Hall	Goods	Mandatory
Natural Gas: Interruptible Del	GAS SOUTH LLC	11/1/2021	10/31/2023	Hall	Goods	Mandatory
Natural Gas: Interruptible Del	TEXICAN HOLDINGS INC	11/1/2021	10/31/2023	Hall	Goods	Mandatory
New Tires and Retread Tires	BRIDGESTONE AMERICAS TIRE OPERATIONS LLC	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
New Tires and Retread Tires	MICHELIN NORTH AMERICA INC	7/1/2022	6/30/2024	Treadway	Goods	Mandatory

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
New Tires and Retread Tires	THE GOODYEAR TIRE & RUBBER COMPANY	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
New Tires and Retread Tires	CONTINENTAL TIRE THE AMERICAS	7/1/2022	6/30/2024	Treadway	Goods	Mandatory
Office, Computer and Education	AFFORDABLE INTERIOR SYSTEMS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	AGATI INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ARCADIA CHAIR COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ARTOPEX INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	AURORA STORAGE PRODUCTS INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	BLOCKHOUSE COMPANY INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	BRODART COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	CHERRY MAN INDUSTRIES INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	COMMERCIAL FURNITURE GROUP INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	DAR RAN FURNITURE INDUSTRIES	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	DACO LIMITED PARTNERSHIP	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	DIRTT ENVIRONMENTAL SOLUTIONS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	DITTO SALES INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	EGAN VISUAL INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	CORONA GROUP INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	ASSA GROUP INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ERGONOM CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	EXEMPLIS LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	F E HALE MFG CO	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	FAIRWAY HOLDINGS	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	GLOBAL INDUSTRIES INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	GROUPE LACASSE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HAWORTH INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HERMAN MILLER INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HIS FURNITURE	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	HLF FURNITURE INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	HUMANSKALE CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	IMF SOLUTIONS LLC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INDIANA FURNITURE INDUSTRIES	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INSCAPE	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	INTEGRA INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	WORKRITE ERGONOMICS CANADA INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	JASPER SEATING CO	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	JOHN SAVOY & SON INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	KEILHAUER LTD	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KIMBALL INTERNATIONAL BRANDS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KNOLL INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	KRUEGER INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	KRUG FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	LELAND INTERNATIONAL INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	LIAT	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MEUBLES FOLIOT INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MJ INDUSTRIES INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	MOBILER DE BUREAU LOGIFLEX INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	MODUFORM INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	NATIONAL OFFICE FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	NEUTRAL POSTURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Office, Computer and Education	NEW ENGLAND WOODCRAFT INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	NOVA SOLUTIONS	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	ALLSEATING CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	OFFICE MASTER INC.	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	OFS BRANDS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	PALMER HAMILTON LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	R T LONDON COMPANY	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SEATING INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	SICO NORTH AMERICA	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SMITH SYSTEM MFG CO	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SOUTHWEST CONTRACT INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SPACESAVER STORAGE SYSTEMS INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	SPEC FURNITURE	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	STEELCASE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SYMPHONY FURNITURE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	TEKNION LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	THE ALLSTEEL COMPANY INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	THE GUNLOCKE COMPANY LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	THE HON COMPANY INC	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	TRENDWAY CORPORATION	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	TRINITY FURNITURE INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	WRIGHT LINE LLC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SAUDER MANUFACTURING CO	2/3/2015	2/2/2024	Hall	Goods	Convenience
Office, Computer and Education	LEEDER FURNITURE LLC	1/24/2022	2/2/2023	Hall	Goods	Convenience
Office, Computer and Education	SAFCO PRODUCTS INC	2/3/2015	2/2/2023	Hall	Goods	Convenience
Offset Printing and Related Se	R R DONNELLEY & SONS	5/16/2014	4/30/2023	Hallock	Services	Convenience
OPEN & CLOSED VEHICLE LEASING	ACME AUTO LEASING LLC	10/21/2013	9/20/2023	Hallock	Services	Mandatory
Paint- Interior / Exterior and	SHERWIN WILLIAMS CO	10/1/2017	9/30/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	MANSFIELD OIL COMPANY INC	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	BOSWELL OIL COMPANY	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	PS ENERGY GROUP INC	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	ACREE OIL COMPANY	12/31/2016	12/31/2023	Treadway	Goods	Mandatory
Petroleum: Gasoline, Diesel, H	PERRY BROTHERS OIL INC	10/15/2020	12/31/2023	Treadway	Goods	Mandatory
Police Pursuit and Special Ser	ALAN JAY AUTOMOTIVE MANAGEMENT INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	HARDY CHEVROLET BUICK GMC INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	AKINS FORD LLC	12/6/2021	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	FAMILY FORD INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	ALLAN VIGIL FORD LINCOLN MERCURY INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	WADE FORD INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Police Pursuit and Special Ser	GINN MOTOR COMPANY INC	1/4/2022	1/3/2024	Hallock	Goods	Mandatory
Printers, MFPs and Related Tec	SHARP ELECTRONICS CORPORATION	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	RICOH USA INC	4/3/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	TOSHIBA AMERICA BUSINESS SOLUTIONS INC	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	XEROX CORPORATION	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Printers, MFPs and Related Tec	CANON USA INC	4/1/2018	6/30/2023	Treadway	IT	Mandatory
Professional Grade Tools	IDSC HOLDING LLC	12/22/2020	6/30/2023	Treadway	Goods	Convenience-Consortia
Public Safety Two-Way Radios	MOTOROLA SOLUTIONS INC	1/28/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Public Safety Video Systems	WATCHGUARD INC	4/19/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Public Safety Video Systems	AXON ENTERPRISE INC	6/10/2019	3/31/2023	Treadway	IT	Convenience-Consortia

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Public Safety Video Systems	COBAN RESEARCH AND TECHNOLOGIES	6/10/2019	3/31/2023	Treadway	IT	Convenience-Consortia
Purchasing, Travel and Electro	BANK OF AMERICA NA	11/1/2016	10/31/2023	Hall	Services	Mandatory
Rapid Copy and Digital Printin	MOORE PARTNERS INC	3/2/2015	2/28/2023	Treadway	Services	Convenience
School Buses	YANCEY BROS CO	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
School Buses	PEACH STATE TRUCK CENTERS LLC	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
School Buses	RUSH TRUCK CENTERS OF GEORGIA INC	7/1/2022	6/30/2024	Hallock	Goods	Convenience-Consortia
Security Services	STRATEGIC SECURITY CORP	7/15/2021	7/14/2023	Treadway	Services	Mandatory
SECURITY SERVICES	DYNAMIC SECURITY INC	7/15/2021	7/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	UNIVERSAL PROTECTION SERVICE LLC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	DYNAMIC SECURITY INC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	STRATEGIC SECURITY CORP	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Security Services - Armed & Un	CONFIDENTIAL SECURITY AGENCY INC	8/15/2021	8/14/2023	Treadway	Services	Mandatory
Software Category 4 Oracle	DELL MARKETING LP	8/25/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	IBM CORPORATION	8/1/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	PRESIDIO NETWORKED SOLUTIONS	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	SHI INTERNATIONAL CORP	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	CDW GOVERNMENT LLC	8/13/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	PC SPECIALISTS INC	8/20/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Contracts for Softwa	DELL MARKETING LP	8/24/2012	4/30/2023	Treadway	IT	Mandatory
Statewide Substance Abuse Prog	FIRST HOSPITAL LABORATORIES INC	3/1/2014	2/28/2023	Forbes-Semple	Services	Convenience
Supplemental Public Mass Trans	MOTOR COACH INDUSTRIES	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	PROTERRA INC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	BYD MOTORS LLC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	THE BUS CENTER OF ATLANTA LLC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
Supplemental Public Mass Trans	CREATIVE BUS SALES INC	6/29/2018	6/30/2023	Hallock	Goods	Mandatory
TECHNOLOGY	MICROSOFT CORPORATION	3/1/2022	2/28/2025	Hall	IT	Mandatory
Telehealth Products and Servic	JETDOC INC	12/15/2021	12/14/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	BADVE,SUNIL	12/17/2021	12/16/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	COGNOSANTE LLC	12/17/2021	12/16/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	CAREMARKET INC	12/27/2021	12/26/2026	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	MDLIVE INC	1/12/2022	1/11/2027	Forbes-Semple	Services	Convenience
Telehealth Products and Servic	AMERICAN WELL CORPORATION	1/14/2022	1/13/2026	Forbes-Semple	Services	Convenience
Temporary Staffing Services-St	FOCUS OF GEORGIA INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	ARK TEMPORARY STAFFING LLC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	HAPPY FACES PERSONNEL GROUP INC	6/27/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	NITELINES USA	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	SHAGA CONSULTING & RECRUITING	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	ABACUS CORPORATION	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	DOVER STAFFING INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	CORPORATE TEMPS 2000	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Temporary Staffing Services-St	INGENESIS INC	7/3/2017	6/30/2023	Forbes-Semple	Services	Mandatory
Tier 1 Audio Visual Products a	ONEPATH SYSTEMS LLC	3/16/2010	4/30/2023	Forbes-Semple	IT	Mandatory
Tier 1 Audio Visual Products a	AVI-SPL LLC	3/15/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	BLUUM USA INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	SOUTHERN COMPUTER WAREHOUSE INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tier 1 Audio Visual Products a	SUMMIT SOLUTIONZ INC	3/16/2010	4/30/2023	Forbes-Semple	IT	Convenience
Tractors and Mowers	TOCCOA HARDWARE, INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JET-VAC EQUIPMENT COMPANY LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	FELSHAW CAPITAL VENTURES INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory

Contract Description	Supplier Name	Begin Dt	Expire Dt	Contract Manager	Contract Group	CONTRACT TYPE
Tractors and Mowers	GREAT PLAINS MANUFACTURING INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	CNH INDUSTRIAL AMERICA LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATLANTA KUBOTA LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ALAMO GROUP (TX) INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	WESTOVER LAWN AND GARDEN PROPERTIES	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ENVIRONMENTAL PRODUCTS GROUP INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	CLARK EQUIPMENT COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JOHN DEERE SHARED SERVICES INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	REYNOLDS-WARREN EQUIPMENT CO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ASCENDUM MACHINERY INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JERRY PATE TURF & IRRIGATION INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	LANIER OUTDOOR EQUIPMENT INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATLANTIC & SOUTHERN EQUIPMENT	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ARIENS COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	STANANCO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MORIDGE MANUFACTURING INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MASON TRACTOR AND EQUIPMENT CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	COWIN EQUIPMENT COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	G J & L INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	FLINT EQUIPMENT CO INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	YANCEY BROS CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MARION FORD TRACTOR	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	DEERE & COMPANY	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	THE HALL GROUP INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	JCB INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	AGCO CORPORATION	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ATMAX EQUIPMENT CO	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	HUSQVARNA PROFESSIONAL PRODUCTS INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	MARLIN HOLDINGS 2, LLC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	BUSH HOG, INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	GREEN CLIMBER OF NORTH AMERICA INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Tractors and Mowers	ENERGREEN AMERICA INC	6/1/2021	5/31/2023	Treadway	Goods	Mandatory
Translation, Interpretation, & Sign Language	INTERPRETERS UNLIMITED	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Translation, Interpretation, & Sign Language	LIONBRIDGE TECHNOLOGIES LLC	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Translation, Interpretation, & Sign Language	AD ASTRA INC	1/1/2018	10/29/2023	Forbes-Semple	Services	Convenience
Truck Chassis and Bodies	RUSH TRUCK CENTERS OF GEORGIA INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	GEORGIA KENWORTH INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	HARDY CHEVROLET BUICK GMC INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	FAMILY FORD INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	WADE FORD INC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Truck Chassis and Bodies	PEACH STATE TRUCK CENTERS LLC	8/8/2018	8/31/2023	Hallock	Goods	Mandatory
Two-Way Radios	HARRIS CORPORATION	6/13/2022	6/25/2025	Treadway	IT	Convenience-Consortia
Vaccines Distribution, Includi	MCKESSON MEDICAL SURGICAL GOVERNMENT	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vaccines Including Influenza	FFF ENTERPRISES INC	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vaccines Including Influenza	ASD SPECIALTY HEALTHCARE INC	11/2/2020	12/31/2023	Forbes-Semple	Goods	Convenience-Consortia
Vehicle Lifts NJPA	MOHAWK LIFTS LLC	4/13/2021	2/9/2023	Forbes-Semple	Goods	Convenience
WIRELESS, DATA, VOICE AND ACCE	VERIZON COMMUNICATIONS INC	1/8/2021	8/11/2024	Hall	IT	Convenience-Consortia



City of Stockbridge

AGENDA ITEM

MEETING DATE

January 31, 2023

FUNDING SOURCE

- ☒ RESOLUTION
- ☐ ORDINANCE
- ☐ CONTRACT APPROVAL/RENEWAL
- ☐ PUBLIC HEARING
- ☐ PRESENTATION
- ☒ BID SELECTION/AWARD
- ☐ TASK ORDER
- ☐ CHANGE ORDER
- ☐ BUDGET AMENDMENT
- ☐ BUDGET TRANSFER
- ☐ PAYMENT APPROVAL
- ☐ OTHER

- ☒ GENERAL FUND/POLICE DEPT.
- ☐ FUND BALANCE
- ☐ SPLOST
- ☐ TSPLOST
- ☐ GRANT
- ☐ HOTEL/MOTEL TOURISM
- ☐ COUNCIL INITIATIVE
- ☐ PARTNER/SPONSOR
- ☐ DEPARTMENT FUND BALANCE
- ☐ BONDING

ACCOUNT TRANSFER FROM: 353-32100-542200

ACCOUNT TRANSFER TO:

PRESENTER: Major Glenn Kalish

DEPARTMENT: POLICE DEPARTMENT

ITEM/PROJECT/EVENT: Purchase of Police Vehicles

Council consideration to approve the purchase of twelve (12) police vehicles for the City of Stockbridge Police Department.

BACKGROUND INFORMATION:

With the approved annexation and growth of the City of Stockbridge, as well as the Department of Justice funding of ten (10) additional police positions for the Stockbridge Police Department it is necessary to purchase additional police vehicles to effectively patrol the City of Stockbridge. It is requested that Mayor and Council approve the purchase of the additional twelve (12) police vehicles. The Stockbridge Police Department is requesting to purchase these vehicles from Wade Ford, Inc. under Georgia State Contract #99999-001-SPD0000183-0006. The City has approved a capital

APPROVALS: CITY MANAGER _____

CITY TREASURER _____

CITY ATTORNEY _____

CHIEF OF POLICE

Frank J. Janner

☒ FINANCIAL IMPACT ☐ N/A

AMOUNT \$ 752,816.00

ATTACHMENTS: ☒

BACKGROUND INFORMATION CONTINUED:

expenditure of \$794,000 for police vehicles and associated emergency equipment in the 2023 City budget.

Date	Time	Location	Weather	Remarks
1998-01-01	08:00	St. John's, NL	Clear	Arrived at 07:30, left at 08:00
1998-01-01	12:00	St. John's, NL	Clear	Left at 11:30, arrived at 12:00
1998-01-01	16:00	St. John's, NL	Clear	Left at 15:30, arrived at 16:00
1998-01-01	20:00	St. John's, NL	Clear	Left at 19:30, arrived at 20:00
1998-01-01	24:00	St. John's, NL	Clear	Left at 23:30, arrived at 24:00
1998-01-02	00:00	St. John's, NL	Clear	Left at 23:30, arrived at 00:00
1998-01-02	04:00	St. John's, NL	Clear	Left at 03:30, arrived at 04:00
1998-01-02	08:00	St. John's, NL	Clear	Left at 07:30, arrived at 08:00
1998-01-02	12:00	St. John's, NL	Clear	Left at 11:30, arrived at 12:00
1998-01-02	16:00	St. John's, NL	Clear	Left at 15:30, arrived at 16:00
1998-01-02	20:00	St. John's, NL	Clear	Left at 19:30, arrived at 20:00
1998-01-02	24:00	St. John's, NL	Clear	Left at 23:30, arrived at 24:00
1998-01-03	00:00	St. John's, NL	Clear	Left at 23:30, arrived at 00:00
1998-01-03	04:00	St. John's, NL	Clear	Left at 03:30, arrived at 04:00
1998-01-03	08:00	St. John's, NL	Clear	Left at 07:30, arrived at 08:00
1998-01-03	12:00	St. John's, NL	Clear	Left at 11:30, arrived at 12:00
1998-01-03	16:00	St. John's, NL	Clear	Left at 15:30, arrived at 16:00
1998-01-03	20:00	St. John's, NL	Clear	Left at 19:30, arrived at 20:00
1998-01-03	24:00	St. John's, NL	Clear	Left at 23:30, arrived at 24:00
1998-01-04	00:00	St. John's, NL	Clear	Left at 23:30, arrived at 00:00
1998-01-04	04:00	St. John's, NL	Clear	Left at 03:30, arrived at 04:00
1998-01-04	08:00	St. John's, NL	Clear	Left at 07:30, arrived at 08:00
1998-01-04	12:00	St. John's, NL	Clear	Left at 11:30, arrived at 12:00
1998-01-04	16:00	St. John's, NL	Clear	

POWERTRAIN *AWD STANDARD*						AUDIO/VIDEO						
Order	Option	Description	Invoice	Price	Total	Order	Option	Description	Invoice	Price	Total	
	STD	3.3L V6 HYBRID	\$ -	\$ -	\$ -		47E	12.1" Integrated Computer Screen	\$ 2,580.00	\$ 2,709	\$ -	
	99B/44U	3.3L V6 Flex Fuel (Req. 98F)	\$ (2,343.00)	\$ (2,343)	\$ -		87R	Rear View Camera (Mirror Display)	\$ -	\$ -	\$ -	
1	99C/44U	3.0L EcoBoost	\$ 893.00	\$ 938	\$ 938	1	19V	Rear View Camera On-Demand	\$ 217.00	\$ 228	\$ 228	
EQUIPMENT GROUP						DOORS/LOCKS						
Order	Option	Description	Invoice	Price	Total	Order	Option	Description	Invoice	Price	Total	
	65U	Interior Upgrade Package	\$ 367.00	\$ 385	\$ -		52P	Hidden Door-Lock Plunger w/door INO	\$ 150.00	\$ -	\$ -	
	66A	Front Headlamp Lighting Solution	\$ 841.00	\$ 883	\$ -		68G	Rear-Door Handles (INOP (w/52P)	\$ 71.00	\$ 71	\$ -	
1	86T	Tail Lamp Housing	\$ 56.00	\$ 59	\$ 59		18D	Global Lock/Unlock Feature	\$ -	\$ -	\$ -	
	66B	Tail Lamp Lighting Solution	\$ 405.00	\$ 425	\$ -	1	55F	Remote Keyless - Entry Fob	\$ 320.00	\$ 336	\$ 336	
	66C	Rear Lighting Solution	\$ 428.00	\$ 449	\$ -	KEYS *Not Available w/Perimeter Anti-Theft Alarm (593)*						
	67H	Ready for the Road Package	\$ 3,379.00	\$ 3,548	\$ -	Order	Option	Description	Invoice	Price	Total	
	67U	Ultimate Wiring Package	\$ 526.00	\$ 552	\$ -		59E	Keyed Alike - 1435x	\$ 47.00	\$ 49	\$ -	
	67V	Police Wire Harness Connector Kit	\$ 174.00	\$ 183	\$ -		59B	Keyed Alike - 1284x	\$ 47.00	\$ 49	\$ -	
KEY EXTERIOR OPTIONS							59D	Keyed Alike - 0135x	\$ 47.00	\$ 49	\$ -	
Order	Option	Description	Invoice	Price	Total		59F	Keyed Alike - 0576x	\$ 47.00	\$ 49	\$ -	
	41H	Engine Block Heater	\$ 85.00	\$ 89	\$ -		59J	Keyed Alike - 1111x	\$ 47.00	\$ 49	\$ -	
1	153	License Plate Bracket (Front)	\$ -	\$ -	\$ -		59C	Keyed Alike - 1294x	\$ 47.00	\$ 49	\$ -	
LAMPS/LIGHTING							59G	Keyed Alike - 0151x	\$ 47.00	\$ 49	\$ -	
Order	Option	Description	Invoice	Price	Total	FLOORING/SEATS						
	43D	Dark Car Feature	\$ 24.00	\$ 25	\$ -	Order	Option	Description	Invoice	Price	Total	
1	942	Daytime Running Lamps	\$ 42.00	\$ 44	\$ 44		16C	1st 2nd Row Carpet Floor	\$ 118.00	\$ 124	\$ -	
1	17T	Dome Lamp - Red/White (Cargo)	\$ 47.00	\$ 49	\$ 49		88F	2nd Row Cloth Seats	\$ 56.00	\$ 59	\$ -	
	21L	Front Warning Aux Light	\$ 517.00	\$ 543	\$ -				\$ -	\$ -	\$ -	
	96W	Front Interior Windshield Light	\$ 1,076.00	\$ 1,130	\$ -		87P	Power Passenger Seat	\$ 306.00	\$ 321	\$ -	
	60A	Pre-Wiring for Grill LED/Siren	\$ 47.00	\$ 49	\$ -		85S	Front Console Plate - Delete	\$ -	\$ -	\$ -	
	43A	Rear Aux Liftgate Lights	\$ 371.00	\$ 390	\$ -		85R	Rear Center Seat - Delete	\$ 42.00	\$ 44	\$ -	
	63L	Rear Quarter Glass Side Lights	\$ 541.00	\$ 568	\$ -	SAFETY & SECURITY						
	96T	Rear Spoiler Traffic Lights	\$ 1,405.00	\$ 1,475	\$ -	Order	Option	Description	Invoice	Price	Total	
	63B	Side Market LED (Req. 60A)	\$ 273.00	\$ 287	\$ -		90D	Ballistic Panels Lvl III+ (Driver)	\$ 1,490.00	\$ 1,565	\$ -	
SPOT LIGHT PREP KITS							90E	Ballistic Door Panels (Front)	\$ 2,979.00	\$ 3,128	\$ -	
Order	Option	Description	Invoice	Price	Total		90F	Ballistic Panels Lvl IV+ (Driver)	\$ 2,270.00	\$ 2,384	\$ -	
	51P	Spot Lamp Prep Kit (Driver Side)	\$ 132.00	\$ 139	\$ -		90G	Ballistic Panels Lvl IV+ (Front)	\$ 4,541.00	\$ 4,768	\$ -	
	51W	Spot Lamp Prep Kit (Dual Side)	\$ 264.00	\$ 277	\$ -	1	55B/54Z	BLIS - Blid Spot Monitoring	\$ 512.00	\$ 538	\$ 538	
SPOT LAMP - LED BULB							68B	Police Perimeter Alert	\$ 635.00	\$ 667	\$ -	
Order	Option	Description	Invoice	Price	Total	1	76P	Pre-Collision Assist	\$ 136.00	\$ 143	\$ 143	
	51R	Spot Lamp - Driver (Unity)	\$ 371.00	\$ 390	\$ -		549	Mirrors - Heated Sideview	\$ 56.00	\$ 59	\$ -	
1	51T	Spot Lamp - Driver (Whelen)	\$ 394.00	\$ 414	\$ 414		593	Perimeter Alarm (Req 55F)	\$ 112.00	\$ 118	\$ -	
	51S	Spot Lamp - Dual (Unity)	\$ 582.00	\$ 611	\$ -	1	47A	Police Engine Idle Feature	\$ 244.00	\$ 256	\$ 256	
	51V	Spot Lamp - Dual (Whelen)	\$ 625.00	\$ 656	\$ -	1	76R	Reverse Sensing System	\$ 259.00	\$ 272	\$ 272	
BODY						MISC						
Order	Option	Description	Invoice	Price	Total	Order	Option	Description	Invoice	Price	Total	
	92G	Delete Privacy Glass	\$ 112.00	\$ 118	\$ -	1	17A	Aux Air Conditioning	\$ 573.00	\$ 602	\$ 602	
	92R	Delete Privacy Glass (2nd Row ONLY)	\$ 80.00	\$ 84	\$ -		91F	Rear Air w/o Controls	\$ 479.00	\$ 503	\$ -	
	76D	Deflector Plate	\$ 315.00	\$ 331	\$ -		16D	Badge Delete	\$ -	\$ -	\$ -	
WHEELS							63V	Cargo Storage Vault	\$ 230.00	\$ 242	\$ -	
Order	Option	Description	Invoice	Price	Total		19K	H8 AGM Battery	\$ 103.00	\$ 108	\$ -	
	STD	Chrome Center Caps	\$ -	\$ -	\$ -		68E	Low-Band Frequency Noise Kit	\$ 183.00	\$ 192	\$ -	
1	65L	Wheel Covers (18" Full Face)	\$ 56.00	\$ 59	\$ 59	1	60R	Noise Suppression Bonds	\$ 94.00	\$ 99	\$ 94	
	64E	18" Painted Aluminum Wheel	\$ 447.00	\$ 469	\$ -		18X	100 Watt Siren/Speaker	\$ 296.00	\$ 311	\$ -	
							61B	OBDII Split Connector	\$ 52.00	\$ 55	\$ -	
Order	Option	Description										
	YZ	Oxford White										
	UM	Agate Black										
1	M7	Carbonized Grey										
	JS	Iconic Silver Metallic										
	YG	Medium Titanium Metallic										
	LK	Dark Blue										
	LM	Royal Blue										
	J1	Kodiak Brown Metallic										
	JL	Dark Toreador Red Metallic										
	BU	Medium Brown Metallic										
	E3	Arizona Beige Metallic										
	E4	Vermillion Red										
	FT	Blue Metallic										
Enter Miles												
										Delivery	\$ -	40,383
										UPFIT	\$ -	1,000
										ESP125*	\$ 3,050	4,030
*Comprehensive repair protection												
TOTAL per Vehicle										\$ -	57,179	
Quantity Requested										\$ -		
ORDER TOTAL										\$ -	285,895	
Contact Information:												
Agency										City of Stockbridge PD - ADMIN		
Contact												



POWERTRAIN * AWD STANDARD*

Order	Option	Description	Invoice	Price	Total
	5TD	3.3L V6 HYBRID	\$ -	\$ -	\$ -
	99B/44U	3.3L V6 Flex Fuel (Req. 98F)	\$ (2,343.00)	\$ (2,343)	\$ -
1	99C/44U	3.0L EcoBoost	\$ 893.00	\$ 938	\$ 938

EQUIPMENT GROUP

Order	Option	Description	Invoice	Price	Total
	65U	Interior Upgrade Package	\$ 367.00	\$ 385	\$ -
	66A	Front Headlamp Lighting Solution	\$ 841.00	\$ 883	\$ -
1	86T	Tail Lamp Housing	\$ 56.00	\$ 59	\$ 59
	66B	Tail Lamp Lighting Solution	\$ 405.00	\$ 425	\$ -
	66C	Rear Lighting Solution	\$ 428.00	\$ 449	\$ -
	67H	Ready for the Road Package	\$ 3,379.00	\$ 3,548	\$ -
	67U	Ultimate Wiring Package	\$ 526.00	\$ 552	\$ -
	67V	Police Wire Harness Connector Kit	\$ 174.00	\$ 183	\$ -

KEY EXTERIOR OPTIONS

Order	Option	Description	Invoice	Price	Total
	41H	Engine Block Heater	\$ 85.00	\$ 89	\$ -
1	153	License Plate Bracket (Front)	\$ -	\$ -	\$ -

LAMPS/LIGHTING

Order	Option	Description	Invoice	Price	Total
	43D	Dark Car Feature	\$ 24.00	\$ 25	\$ -
1	942	Daytime Running Lamps	\$ 42.00	\$ 44	\$ 44
1	17T	Dome Lamp - Red/White (Cargo)	\$ 47.00	\$ 49	\$ 49
	21L	Front Warning Aux Light	\$ 517.00	\$ 543	\$ -
	96W	Front Interior Windshield Light	\$ 1,076.00	\$ 1,130	\$ -
	60A	Pre-Wiring for Grill LED/Siren	\$ 47.00	\$ 49	\$ -
	43A	Rear Aux Liftgate Lights	\$ 371.00	\$ 390	\$ -
	63L	Rear Quarter Glass Side Lights	\$ 541.00	\$ 568	\$ -
	96T	Rear Spoiler Traffic Lights	\$ 1,405.00	\$ 1,475	\$ -
	63B	Side Market LED (Req. 60A)	\$ 273.00	\$ 287	\$ -

SPOT LIGHT PREP KITS

Order	Option	Description	Invoice	Price	Total
	51P	Spot Lamp Prep Kit (Driver Side)	\$ 132.00	\$ 139	\$ -
	51W	Spot Lamp Prep Kit (Dual Side)	\$ 264.00	\$ 277	\$ -

SPOT LAMP - LED BULB

Order	Option	Description	Invoice	Price	Total
	51R	Spot Lamp - Driver (Unity)	\$ 371.00	\$ 390	\$ -
	51T	Spot Lamp - Driver (Whelen)	\$ 394.00	\$ 414	\$ -
	51S	Spot Lamp - Dual (Unity)	\$ 582.00	\$ 611	\$ -
	51V	Spot Lamp - Dual (Whelen)	\$ 625.00	\$ 656	\$ -

BODY

Order	Option	Description	Invoice	Price	Total
	92G	Delete Privacy Glass	\$ 112.00	\$ 118	\$ -
	92R	Delete Privacy Glass (2nd Row ONLY)	\$ 80.00	\$ 84	\$ -
	76D	Deflector Plate	\$ 315.00	\$ 331	\$ -

WHEELS

Order	Option	Description	Invoice	Price	Total
1	5TD	Chrome Center Caps	\$ -	\$ -	\$ -
	65L	Wheel Covers (18" Full Face)	\$ 56.00	\$ 59	\$ -
	64E	18" Painted Aluminum Wheel	\$ 447.00	\$ 469	\$ -

Order	Option	Description
	YZ	Oxford White
	UM	Agate Black
1	M7	Carbonized Grey
	JS	Iconic Silver Metallic
	YG	Medium Titanium Metallic
	LK	Dark Blue
	LM	Royal Blue
	J1	Kodiak Brown Metallic
	JL	Dark Toreador Red Metallic
	BU	Medium Brown Metallic
	E3	Arizona Beige Metallic
	E4	Vermillion Red
	FT	Blue Metallic

AUDIO/VIDEO

Order	Option	Description	Invoice	Price	Total
	47E	12.1" Integrated Computer Screen	\$ 2,580.00	\$ 2,709	\$ -
	87R	Rear View Camera (Mirror Display)	\$ -	\$ -	\$ -
1	19V	Rear View Camera On-Demand	\$ 217.00	\$ 228	\$ 228

DOORS/LOCKS

Order	Option	Description	Invoice	Price	Total
1	52P	Hidden Door-Lock Plunger w/door INOP	\$ 150.00	\$ -	\$ 150
1	68G	Rear-Door Handles INOP (w/52P)	\$ 71.00	\$ 71	\$ 71
	18D	Global Lock/Unlock Feature	\$ -	\$ -	\$ -
1	55F	Remote Keyless - Entry Fob	\$ 320.00	\$ 336	\$ 336

KEYS *Not Available w/Perimeter Anti-Theft Alarm (593)*

Order	Option	Description	Invoice	Price	Total
	59E	Keyed Alike - 1435x	\$ 47.00	\$ 49	\$ -
	59B	Keyed Alike - 1284x	\$ 47.00	\$ 49	\$ -
	59D	Keyed Alike - 0135x	\$ 47.00	\$ 49	\$ -
	59F	Keyed Alike - 0576x	\$ 47.00	\$ 49	\$ -
	59J	Keyed Alike - 1111x	\$ 47.00	\$ 49	\$ -
	59C	Keyed Alike - 1294x	\$ 47.00	\$ 49	\$ -
	59G	Keyed Alike - 0151x	\$ 47.00	\$ 49	\$ -

FLOORING/SEATS

Order	Option	Description	Invoice	Price	Total
	16C	1st 2nd Row Carpet Floor	\$ 118.00	\$ 124	\$ -
	88F	2nd Row Cloth Seats	\$ 56.00	\$ 59	\$ -
			\$ -	\$ -	\$ -
	87P	Power Passenger Seat	\$ 306.00	\$ 321	\$ -
	85S	Front Console Plate - Delete	\$ -	\$ -	\$ -
	85R	Rear Center Seat - Delete	\$ 42.00	\$ 44	\$ -

SAFETY & SECURITY

Order	Option	Description	Invoice	Price	Total
	90D	Ballistic Panels Lvl III+ (Driver)	\$ 1,490.00	\$ 1,565	\$ -
	90E	Ballistic Door Panels (Front)	\$ 2,979.00	\$ 3,128	\$ -
	90F	Ballistic Panels Lvl IV+ (Driver)	\$ 2,270.00	\$ 2,384	\$ -
	90G	Ballistic Panels Lvl IV+ (Front)	\$ 4,541.00	\$ 4,768	\$ -
1	55B/54Z	BLIS - Blid Spot Monitoring	\$ 512.00	\$ 538	\$ 538
	68B	Police Perimeter Alert	\$ 635.00	\$ 667	\$ -
1	76P	Pre-Collision Assist	\$ 136.00	\$ 143	\$ 143
	549	Mirrors - Heated Sideview	\$ 56.00	\$ 59	\$ -
	593	Perimeter Alarm (Req.55F)	\$ 112.00	\$ 118	\$ -
1	47A	Police Engine Idle Feature	\$ 244.00	\$ 256	\$ 256
1	76R	Reverse Sensing System	\$ 259.00	\$ 272	\$ 272

MISC

Order	Option	Description	Invoice	Price	Total
1	17A	Aux Air Conditioning	\$ 573.00	\$ 602	\$ 602
	91F	Rear Air w/o Controls	\$ 479.00	\$ 503	\$ -
	16D	Badge Delete	\$ -	\$ -	\$ -
	63V	Cargo Storage Vault	\$ 230.00	\$ 242	\$ -
	19K	H8 AGM Battery	\$ 103.00	\$ 108	\$ -
	68E	Low-Band Frequency Noise Kit	\$ 183.00	\$ 192	\$ -
1	60R	Noise Suppression Bonds	\$ 94.00	\$ 99	\$ 94
	18X	100 Watt Siren/Speaker	\$ 296.00	\$ 311	\$ -
	61B	OBDDII Split Connector	\$ 52.00	\$ 55	\$ -

1

Base Vehicle Price		\$	40,383
Out of Stock Inventory		\$	1,000
Options Selected		\$	3,779

Enter Miles

	Delivery	\$	-
	UPFIT	\$	21,541
ESP125*	Premium Care Service Plan (5yr/125,000)	\$ 3,050	\$ -

*Comprehensive repair protection

TOTAL per Vehicle	\$	66,703
Quantity Requested	7	
ORDER TOTAL	\$	466,921

Contact Information:

Agency	City of Stockbridge PD
Contact	
Address	
Phone	
Email	

NOTE: Cost of Vehicle & Emergency Equipment

Rev. 11.06.2022



Department of
Administrative Services

Customer Focused, Performance Driven

Nathan Deal
Governor

Sid Johnson
Commissioner

The Georgia Department of Administrative Services, State Purchasing Division, has established a Statewide Contract for **Police Pursuit and Special Service Vehicles (Including Alternatively Fueled Vehicles)**, with the following suppliers:

Alan Jay Automotive Management, Inc.	99999-001-SPD0000183-0001
Hardy Chevrolet, Inc.	99999-001-SPD0000183-0002
Akin Ford, LLC	99999-001-SPD0000183-0003
Family Ford, Inc.	99999-001-SPD0000183-0004
Allan Vigil Ford, Lincoln, Mercury, Inc	99999-001-SPD0000183-0005
Wade Ford, Inc.	99999-001-SPD0000183-0006
Ginn Motor Company	99999-001-SPD0000183-0007

This is a **MANDATORY CONTRACT** for all State of Georgia governmental entities subject to the State Purchasing Act. The statewide contract is also available on a convenience basis to other Governmental Entities such as state authorities, local government, municipalities, cities, townships, counties and other political subdivisions of the State of Georgia.

The purpose of this contract is to provide fuel efficient and clean fuel police pursuit and special service vehicles for the following automotive vehicle manufacturers: Dodge, Ford and Chevrolet.

Key benefits of the contract include:

- Greatly Expanded Variety
- Competitive Pricing
- Payment Terms: Net 30
- Best value vehicle/supplier selection; award criteria considered total "life cycle costs" (required options pricing, delivery and prompt payment discount)
- V6 and V8 engine models available.
- Expanded Options listings;
- Options priced at dealer cost +1% or below.
- Custom delivery charges established by region.

PHONE: 404-656-5514 200 PIEDMONT AVENUE SE 10 SUITE 1820 WEST TOWER · ATLANTA, GEORGIA 30334-9010 FAX:
404-656-6279

www.doas.georgia.gov



Statewide Contracts Portfolio Index - (As of October 17, 2022)

Contract Management Team:

Dr. Carl A. Hall, Esq - Manager, Contract Management & Marketing - carl.hall@doas.ga.gov, 404-657-4254
 Mrs. Jeanette Rakestraw - Contract Management Specialist - jeanette.rakestraw@doas.ga.gov, 404-657-4322
 Mrs. Jennifer Hallock - Contract Management Specialist - jennifer.hallock@doas.ga.gov, 404-657-8458
 Mrs. Tamar Forbes-Semple - Contract Management Assistant - tamar.forbes-semple@doas.ga.gov, 404-657-9430
 Mr. Donnie Treadway - Contract Management Specialist - donnie.treadway@doas.ga.gov, 404-463-0824
 Ms. Dawn Stone - Contract Management Assistant (Data) - dawn.stone@doas.ga.gov, 404-657-0362
 Mr. Dequan Styles -Contract Management Intern - dequan.styles@doas.ga.gov, 404-657-7585

Statewide Contract Number	Statewide Contract Description	Supplier Name	Expiration Date	Contract Manager
99999-SPD-ES40199373-002	Administrative Vehicles	ALLAN VIGIL FORD LINCOLN MERCURY INC	11/30/22	JHALLOCK
99999-SPD-ES40199373-004	Administrative Vehicles	GRIFFIN FORD SALES INC	11/30/22	JHALLOCK
99999-SPD-ES40199373-005	Administrative Vehicles	HARDY CHEVROLET INC	11/30/22	JHALLOCK
99999-SPD-ES40199373-006	Administrative Vehicles	KIA AMERICA INC	11/30/22	JHALLOCK
99999-SPD-ES40199373-007	Administrative Vehicles	GRIFFIN SYLVESTER LLC	11/30/22	JHALLOCK
99999-SPD-ES40199373-0075	Administrative Vehicles	GRIFFIN SYLVESTER LLC	11/30/22	JHALLOCK
99999-SPD-ES40199373-0105	Administrative Vehicles	DON JACKSON AUTOMOTIVE LLC	11/30/22	JHALLOCK
99999-SPD-SPD0000175-0001	All Terrain Vehicles, Utility	ATLANTA KUBOTA LLC	04/07/23	JHALLOCK
99999-SPD-SPD0000175-0002	All Terrain Vehicles, Utility	ADRENALIN POWERSPORTS INC	04/07/23	JHALLOCK
99999-SPD-SPD0000175-0003	All Terrain Vehicles, Utility	TEXTRON INC	04/07/23	JHALLOCK
99999-SPD-SPD0000175-0004	All Terrain Vehicles, Utility	YANCEY BROS CO	04/07/23	JHALLOCK
99999-SPD-SPD0000175-0005	All Terrain Vehicles, Utility	DEERE & COMPANY	04/07/23	JHALLOCK
99999-SPD-SPD0000175-0006	All Terrain Vehicles, Utility	CLUB CAR INC	04/07/23	JHALLOCK
99999-SPD-SPD0000175-0007	All Terrain Vehicles, Utility	SUZUKI MOTOR USA LLC	04/07/23	JHALLOCK
99999-SPD-SPD0000175-0008	All Terrain Vehicles, Utility	CART MART INC	04/07/23	JHALLOCK
99999-SPD-T20151001-0001	Apple Computer Hardware	APPLE INC	02/28/23	DTREADWAY
99999-SPD-G20201215-001	Athletic Equipment and Supplies	FLAGHOUSE INC	10/03/23	DTREADWAY
99999-SPD-G20201215-002	Athletic Equipment and Supplies	THE PROPHET CORPORATION	10/03/23	DTREADWAY
99999-SPD-G20201215-003	Athletic Equipment and Supplies	SCHOOL HEALTH CORP	10/03/23	DTREADWAY
99999-001-SPD0000122-0001	Auto Mfg in Ga (AMIGI)	CARRIAGE KIA	06/30/25	JHALLOCK
99999-001-SPD0000122-0002	Auto Mfg in Ga (AMIGI)	MIDSTATE AUTOMOTIVE INC II	06/30/25	JHALLOCK
99999-001-SPD0000122-0003	Auto Mfg in Ga (AMIGI)	KIA AUTOSPORT OF COLUMBUS	06/30/25	JHALLOCK
99999-001-SPD0000122-0004	Auto Mfg in Ga (AMIGI)	KIA AMERICA INC	06/30/25	JHALLOCK
99999-001-SPD0000122-0005	Auto Mfg in Ga (AMIGI)	PLANT CITY AUTOMOTIVE INC	06/30/25	JHALLOCK
99999-001-SPD0000122-0006	Auto Mfg in Ga (AMIGI)	HOMETOWN MOTORS IV INC	06/30/25	JHALLOCK
99999-001-SPD0000122-0007	Auto Mfg in Ga (AMIGI)	PYE CARS OF DALTON INC	06/30/25	JHALLOCK
99999-001-SPD0000122-0008	Auto Mfg in Ga (AMIGI)	SRCF LLC	06/30/25	JHALLOCK

Statewide Contract Number	Statewide Contract Description	Supplier Name	Expiration Date	Contract Manager
99999-001-SPD0000122-0009	Auto Mfg in Ga (AMIGI)	S & H MOTORS INC	06/30/25	JHALLOCK
99999-001-SPD0000122-0010	Auto Mfg in Ga (AMIGI)	ATHENS AUTOMOTIVE LLC	06/30/25	JHALLOCK
99999-001-SPD0000122-0011	Auto Mfg in Ga (AMIGI)	KCL AUTOMOTIVE LLC	06/30/25	JHALLOCK
99999-001-SPD0000122-0012	Auto Mfg in Ga (AMIGI)	TOWN CENTER INVESTMENTS INC	06/30/25	JHALLOCK
99999-001-SPD0000122-0013	Auto Mfg in Ga (AMIGI)	PB VALDOSTA MOTORS INC	06/30/25	JHALLOCK
99999-001-SPD0000122-0014	Auto Mfg in Ga (AMIGI)	RICK CASE CARS INC	06/30/25	JHALLOCK
99999-SPD-SPD0000127-0001	Automobile Parts	PARTS AUTHORITY GEORGIA LLC	12/31/22	DTREADWAY
99999-SPD-SPD0000127-0002	Automobile Parts	GENUINE PARTS COMPANY	12/31/22	DTREADWAY
99999-SPD-SPD0000160-0001	Background Investigation Svcs.	ACCURATE BACKGROUND HOLDING LLC	01/30/24	JRAKESTRAW
99999-001-SPD0000156-0001	Biological and Laboratory Equi	VWR INTERNATIONAL INC	09/15/23	JRAKESTRAW
99999-001-SPD0000156-0002	Biological and Laboratory Equi	LAERDAL MEDICAL CORPORATION	09/15/23	JRAKESTRAW
99999-001-SPD0000156-0003	Biological and Laboratory Equi	FISHER SCIENTIFIC COMPANY LLC	09/15/23	JRAKESTRAW
99999-001-SPD0000156-0004	Biological and Laboratory Equi	CAROLINA BIOLOGICAL SUPPLY CO	09/15/23	JRAKESTRAW
99999-001-SPD0000156-0005	Biological and Laboratory Equi	CAPITAL MICROSCOPE SERVICES INC	09/15/23	JRAKESTRAW
99999-001-SPD0000156-0006	Biological and Laboratory Equi	HUNT OPTICS & IMAGING INC	09/15/23	JRAKESTRAW
99999-001-SPD0000156-0007	Biological and Laboratory Equi	THOMAS SCIENTIFIC HOLDINGS LLC	09/15/23	JRAKESTRAW
99999-001-SPD0000156-0008	Biological and Laboratory Equi	NYCOM INC	09/15/23	JRAKESTRAW
99999-001-SPD0000156-0009	Biological and Laboratory Equi	D'S VENTURES LLC	09/15/23	JRAKESTRAW
99999-SPD-NVPBA0501-0001	Body Armor	ANGEL ARMOR LLC	11/10/23	DTREADWAY
99999-SPD-NVPBA0501-0002	Body Armor	CENTRAL LAKE ARMOR EXPRESS	11/10/23	DTREADWAY
99999-SPD-NVPBA0501-0003	Body Armor	GALVION BALLISTICS LTD	11/10/23	DTREADWAY
99999-SPD-NVPBA0501-0004	Body Armor	GH ARMOR SYSTEMS INC	11/10/23	DTREADWAY
99999-SPD-NVPBA0501-0007	Body Armor	ONYX PROTECTIVE GROUP INC	11/10/23	DTREADWAY
99999-SPD-NVPBA0501-0008	Body Armor	POINT BLANK BODY ARMOR INC	11/10/23	DTREADWAY
99999-SPD-NVPBA0501-0010	Body Armor	SLATE SOLUTIONS LLC	11/10/23	DTREADWAY
99999-SPD-NVPBA0501-0011	Body Armor	SURVIVAL ARMOR INC	11/10/23	DTREADWAY
99999-SPD-NVPBA0501-0012	Body Armor	UNITED SHIELD INTERNATIONAL LLC	11/10/23	DTREADWAY
99999-SPD-BOR080120	BOR -Ghost Education Discount	CDW GOVERNMENT LLC	07/31/23	JRAKESTRAW
99999-SPD-SPD0000091-0001	BREAD AND RELATED BAKERY PRODU	FLOWERS BAKING OF VILLA RICA INC	10/30/22	JRAKESTRAW
99999-SPD-SPD0000091-0002	BREAD AND RELATED BAKERY PRODU	BIMBO BAKERIES USA INC	10/30/22	JRAKESTRAW
99999-SPD-ES40199376BS-01	Bus Rentals	AUTOMAX RENT A CAR	05/31/23	JHALLOCK
99999-SPD-ES40199376CR-01	Capitol Hill Airt Car Rental	THE HERTZ CORPORATION	07/20/23	TFORBES
99999-SPD-G20200414-0001	Carpet Floors and Accessories	BENTLEY MILLS, INC.	11/30/23	DTREADWAY
99999-SPD-G20200414-0002	Carpet Floors and Accessories	MOHAWK CARPET DISTRIBUTION INC	11/30/23	DTREADWAY
99999-SPD-G20200414-0003	Carpet Floors and Accessories	INTERFACE AMERICAS	12/16/23	DTREADWAY
99999-SPD-G20200414-0004	Carpet Floors and Accessories	KARNDEAN INTERNATIONAL, LLC	11/30/23	DTREADWAY
99999-SPD-G20200414-0005	Carpet Floors and Accessories	SHAW INDUSTRIES	04/11/23	DTREADWAY
99999-SPD-G20200414-0006	Carpet Floors and Accessories	TARKETT USA INC	11/30/23	DTREADWAY
99999-SPD-G20200414-0007	Carpet Floors and Accessories	MANNINGTON MILLS INC	11/30/23	DTREADWAY
99999-SPD-SPD0000048-0001	Certified Audio Visual Product	PRESIDIO NETWORKED SOLUTIONS	04/30/23	TFORBES
99999-SPD-SPD0000048-0002	Certified Audio Visual Product	ONEPATH SYSTEMS LLC	04/30/23	TFORBES
99999-SPD-SPD0000048-0005	Certified Audio Visual Product	INTER TECHNOLOGIES CORPORATION	04/30/23	TFORBES
99999-SPD-SPD0000048-0006	Certified Audio Visual Product	PC SPECIALISTS INC	04/30/23	TFORBES
99999-SPD-SPD0000048-0008	Certified Audio Visual Product	VISUAL SYSTEMS GROUP INC	04/30/23	TFORBES

Statewide Contract Number	Statewide Contract Description	Supplier Name	Expiration Date	Contract Manager
99999-SPD-SPD0000048-0009	Certified Audio Visual Product	AVI-SPL LLC	04/30/23	TFORBES
99999-SPD-SPD0000048-0011	Certified Audio Visual Product	HOWARD INDUSTRIES INC	04/30/23	TFORBES
99999-SPD-SPD0000048-0014	Certified Audio Visual Product	TROXELL COMMUNICATIONS INC	04/30/23	TFORBES
99999-SPD-SPD0000048-0016	Certified Audio Visual Product	ONE DIVERSIFIED LLC	04/30/23	TFORBES
99999-SPD-SPD0000048-0018	Certified Audio Visual Product	CDW GOVERNMENT LLC	04/30/23	TFORBES
99999-SPD-SPD0000048-010A	Certified Audio Visual Product	SUMMIT SOLUTIONZ INC	04/30/23	TFORBES
99999-SPD-SWL20201105-1	CFSC & Parts Inventory Mgt. (IBS)	GENUINE PARTS COMPANY	06/30/23	JHALLOCK
99999-SPD-T20190814-0001	Cloud Solutions and Services	CARASOFT TECHNOLOGY CORP	09/15/26	DTREADWAY
99999-SPD-T20190814-0002	Cloud Solutions and Services	SHI INTERNATIONAL CORP	09/15/26	DTREADWAY
99999-SPD-T20190814-0003	Cloud Solutions and Services	SMARTRONIX LLC	09/15/26	DTREADWAY
99999-SPD-T20190814-0004	Cloud Solutions and Services	UNISYS CORPORATION	09/15/26	DTREADWAY
99999-SPD-T20190814-0005	Cloud Solutions and Services	CHERRYROAD TECHNOLOGIES INC	09/15/26	DTREADWAY
99999-SPD-T20190814-0006	Cloud Solutions and Services	QUEST MEDIA & SUPPLIES INC	09/15/26	DTREADWAY
99999-SPD-NVPUT3229-0001	DATA COMMUNICATION PRODUCTS	PALO ALTO NETWORKS INC	09/30/24	TFORBES
99999-001-SPD0000141-0001	Diagnostic Instruments and Acc	THE INSTRUMENT HOUSE INC	10/31/22	JRAKESTRAW
99999-001-SPD0000141-0003	Diagnostic Instruments and Acc	MCKESSON MEDICAL SURGICAL GOVERNMENT	10/31/22	JRAKESTRAW
99999-001-SPD0000170-0001	Discounted Retail Walk In Buil	LOWE'S COMPANIES INC	04/30/23	TFORBES
99999-001-SPD0000170-0002	Discounted Retail Walk In Buil	HOME DEPOT USA INC	04/30/23	TFORBES
99999-001-SPD0000184-002	Disinfectant Cleaning Services	ACESA CLEANING SERVICES, LLC	05/31/23	JRAKESTRAW
99999-001-SPD0000184-003	Disinfectant Cleaning Services	BARTOLOMUCCI AND ASSOCIATES INC	05/31/23	JRAKESTRAW
99999-001-SPD0000184-004	Disinfectant Cleaning Services	CARTER, CHANDA	05/31/23	JRAKESTRAW
99999-001-SPD0000184-005	Disinfectant Cleaning Services	CONTINENTAL ENVIRONMENTAL SERVICES LLC	05/31/23	JRAKESTRAW
99999-001-SPD0000184-006	Disinfectant Cleaning Services	DISINFECTANT SOLUTIONS OF ATLANTA, LLC	05/31/23	JRAKESTRAW
99999-001-SPD0000184-013	Disinfectant Cleaning Services	LGC GLOBAL ENERGY FM LLC	05/31/23	JRAKESTRAW
99999-001-SPD0000184-014	Disinfectant Cleaning Services	MJ CONSULTING AND SERVICES	05/31/23	JRAKESTRAW
99999-001-SPD0000184-015	Disinfectant Cleaning Services	NEW BEGINNINGS COMMERCIAL RESIDENTIAL	05/31/23	JRAKESTRAW
99999-001-SPD0000184-016	Disinfectant Cleaning Services	SMITH, PAMELA JOHNSON	05/31/23	JRAKESTRAW
99999-001-SPD0000184-017	Disinfectant Cleaning Services	PURE AIR CONTROL SERVICES	05/31/23	JRAKESTRAW
99999-001-SPD0000184-019	Disinfectant Cleaning Service	SERVICEMASTER DOWNTOWN COMMERCIALS INC	05/31/23	JRAKESTRAW
99999-001-SPD0000184-022	Disinfectant Cleaning Services	WILPRO ENTERPRISES INC	05/31/23	JRAKESTRAW
99999-001-SPD0000135-0002	Document Management Services (Shr	ARCHIVE SYSTEMS INC (dba ACCESS)	01/31/23	TFORBES
99999-SPD-SPD0000118-0001	ELECTRONIC MONITORING EQUIPME	BUDDI LTD	12/31/22	DTREADWAY
99999-SPD-SPD0000118-0002	ELECTRONIC MONITORING EQUIPME	SATELLITE TRACKING OF PEOPLE LLC	12/31/22	DTREADWAY
99999-SPD-SPD0000118-0003	ELECTRONIC MONITORING EQUIPME	BI INCORPORATED	12/31/22	DTREADWAY
99999-SPD-SPD0000161-0002	End-User Computing	BYTESPEED COMPUTERS	06/02/23	DTREADWAY
99999-SPD-SPD0000161-0003	End-User Computing	CDW GOVERNMENT LLC	06/02/23	DTREADWAY
99999-SPD-SPD0000161-0004	End-User Computing	DELL MARKETING LP	06/02/23	DTREADWAY
99999-SPD-SPD0000161-0006	End-User Computing	GOV CONNECTION INC	06/02/23	DTREADWAY
99999-SPD-SPD0000161-0007	End-User Computing	HP INC	06/02/23	DTREADWAY
99999-SPD-SPD0000161-0008	End-User Computing	LENOVO - UNITED STATES INC	06/02/23	DTREADWAY
99999-SPD-SPD0000161-0009	End-User Computing	PANASONIC CORPORATION OF NORTH AMERICA	06/02/23	DTREADWAY
99999-SPD-SPD0000161-0010	End-User Computing	HOWARD INDUSTRIES INC	06/02/23	DTREADWAY
99999-001-SPD0000139-0001	Enterprise Infrastructure	DELL MARKETING LP	11/08/23	DTREADWAY
99999-001-SPD0000139-0003	Enterprise Infrastructure	LENOVO - UNITED STATES INC	11/08/23	DTREADWAY

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99999-001-SPD0000139-0004	Enterprise Infrastructure	EMC CORPORATION	11/08/23	DTREADWAY
99999-001-SPD0000139-0005	Enterprise Infrastructure	NET APP INC	11/08/23	DTREADWAY
99999-001-SPD0000139-0006	Enterprise Infrastructure	PURE STORAGE INC	11/08/23	DTREADWAY
99999-001-SPD0000139-0007	Enterprise Infrastructure	PARAMOUNT SOFTWARE SOLUTIONS INC	11/08/23	DTREADWAY
99999-SPD-ES40199400-01	Equipment Maintenance Services	RONALD E MORROW	09/30/23	DTREADWAY
99999-SPD-S20190913B-0002	Equipment Rental	SUNBELT RENTALS INC	08/27/23	JRAKESTRAW
99999-SPD-S20190913B-0003	Equipment Rental	YANCEY BROS CO	08/27/23	JRAKESTRAW
99999-SPD-S20211209-0001	Expedited Delivery	FEDERAL EXPRESS CORPORATION	11/27/26	JRAKESTRAW
99999-001-SPD0000154-0001	Facility Maintenance Solution	CGL FACILITY MANAGEMENT LLC	07/14/23	DTREADWAY
99999-SPD-HPS171001-0002	Food and Food Delivery Service	GORDON FOOD SERVICE	06/23/23	DTREADWAY
99999-SPD-SWL180122-0003	Food and Food Delivery Service	SUTHERLANDS FOODSERVICE INC	06/23/23	DTREADWAY
99999-SPD-SWL180122-0006	Food and Food Delivery Service	US FOODS INC	06/23/23	DTREADWAY
99999-001-SPD0000112-0001	Fuel Card and AVL Telematics M	WEX BANK	09/30/23	TFORBES
99999-001-SPD0000112-0002	Fuel Card and AVL Telematics M	ILER GROUP INC	11/09/23	TFORBES
99999-SPD-20200901-0001	GENERAL CONSTRUCTION SERVICES	ALBION GENERAL CONTRACTORS INC	08/31/24	JHALLOCK
99999-SPD-S20200901-00010	GENERAL CONSTRUCTION SERVICES	HITT CONTRACTING INC	08/31/24	JHALLOCK
99999-SPD-S20200901-00012	GENERAL CONSTRUCTION SERVICES	JEWEL OF THE SOUTH, INC.	08/31/24	JHALLOCK
99999-SPD-S20200901-00013	GENERAL CONSTRUCTION SERVICES	JOC CONSTRUCTION LLC	08/31/24	JHALLOCK
99999-SPD-S20200901-00014	GENERAL CONSTRUCTION SERVICES	OSPREY MANAGEMENT LLC	08/31/24	JHALLOCK
99999-SPD-S20200901-00015	GENERAL CONSTRUCTION SERVICES	PRIME CONTRACTORS INC	08/31/24	JHALLOCK
99999-SPD-S20200901-00016	GENERAL CONSTRUCTION SERVICES	PLACE SERVICES INCORPORATED	08/31/24	JHALLOCK
99999-SPD-S20200901-00018	GENERAL CONSTRUCTION SERVICES	RUBIO & SON INTERIORS	08/31/24	JHALLOCK
99999-SPD-S20200901-00019	GENERAL CONSTRUCTION SERVICES	STRIKER CONTRACTING LLC	08/31/24	JHALLOCK
99999-SPD-S20200901-0002	GENERAL CONSTRUCTION SERVICES	BROWN & ROOT INDUSTRIAL SERVICES LLC	08/31/24	JHALLOCK
99999-SPD-S20200901-00020	GENERAL CONSTRUCTION SERVICES	PARYANI REAL ESTATE LLC	08/31/24	JHALLOCK
99999-SPD-S20200901-00021	GENERAL CONSTRUCTION SERVICES	LYNN CONSTRUCTION CONTRACTING INC	08/31/24	JHALLOCK
99999-SPD-S20200901-00022	GENERAL CONSTRUCTION SERVICES	JOHNSON-LAUX CONSTRUCTION LLC	08/31/24	JHALLOCK
99999-SPD-S20200901-00023	GENERAL CONSTRUCTION SERVICES	LICHTY COMMERCIAL CONSTRUCTION INC	08/31/44	JHALLOCK
99999-SPD-S20200901-00024	GENERAL CONSTRUCTION SERVICES	BAYNE DEVELOPMENT GROUP LLC	08/31/24	JHALLOCK
99999-SPD-S20200901-00027	GENERAL CONSTRUCTION SERVICES	WARD HUMPHREY INCORPORATED	08/31/24	JHALLOCK
99999-SPD-S20200901-00028	GENERAL CONSTRUCTION SERVICES	UJAMAA CONSTRUCTION SE LLC	08/31/24	JHALLOCK
99999-SPD-S20200901-0003	GENERAL CONSTRUCTION SERVICES	CENTENNIAL CONTRACTORS ENTERPRISES INC	08/31/24	JHALLOCK
99999-SPD-S20200901-00030	GENERAL CONSTRUCTION SERVICES	THE GORDIAN GROUP	08/31/24	JHALLOCK
99999-SPD-S20200901-0004	GENERAL CONSTRUCTION SERVICES	CROWN RETAIL SERVICES, INC	08/31/24	JHALLOCK
99999-SPD-S20200901-0005	GENERAL CONSTRUCTION SERVICES	DARSEY CONSTRUCTION LLC	08/31/24	JHALLOCK
99999-SPD-S20200901-0006	GENERAL CONSTRUCTION SERVICES	ENGINEERING DESIGN TECHNOLOGIES INC	08/31/24	JHALLOCK
99999-SPD-S20200901-0007	GENERAL CONSTRUCTION SERVICES	F H PASCHEN S N NIELSEN & ASSOC LLC	08/31/24	JHALLOCK
99999-SPD-S20200901-0008	GENERAL CONSTRUCTION SERVICES	GREENE & BURDETTE PROP MGNT LLC	08/31/24	JHALLOCK
99999-SPD-S20200901-0009	GENERAL CONSTRUCTION SERVICES	HCR CONSTRUCTION INC	08/31/24	JHALLOCK
99999-SPD-S20200901-0026A	GENERAL CONSTRUCTION SERVICES	EQUIX HOLDINGS, INC.	08/31/24	JHALLOCK
99999-SPD-SPD0000167-0001	General Office Supplies	STAPLES CONTRACT & COMMERCIAL INC	03/31/23	JRAKESTRAW
99999-SPD-SPD0000167-0002	General Office Supplies	MY GEORGIA OFFICE PRODUCTS LLC	03/31/23	JRAKESTRAW
SWC37455-2	Generic Drugs and Pharm Distr.	CARDINAL HEALTH	10/31/23	JRAKESTRAW
99999-001-SPD0000157-0001	Guns and Ammunition	CLYDE ARMORY INC	01/16/23	JRAKESTRAW

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99999-001-SPD0000157-0003	Guns and Ammunition	PRECISION DELTA CORPORATION	01/16/23	JRAKESTRAW
99999-001-SPD0000157-0004	Guns and Ammunition	GULF STATES DISTRIBUTORS INC	01/16/23	JRAKESTRAW
99999-001-SPD0000157-0005	Guns and Ammunition	GT DISTRIBUTORS INC	01/16/23	JRAKESTRAW
99999-001-SPD0000157-0006	Guns and Ammunition	ED'S PUBLIC SAFETY INC	01/16/23	JRAKESTRAW
99999-001-SPD0000165-0001	Hospital and Medical Supplies	HENRY SCHEIN INC	06/25/23	JRAKESTRAW
99999-001-SPD0000165-002A	Hospital and Medical Supplies	MCKESSON MEDICAL SURGICAL GOVERNMENT	03/01/23	JRAKESTRAW
99999-SPD-SPD0000151-0001	Hospitality and Personal Paper	SOUTHEASTERN PAPER GROUP	05/31/23	JRAKESTRAW
99999-001-SPD0000158-0001	Ind., Med., and Spec. Gases	AIRGAS INC	11/30/22	TFORBES
99999-001-SPD0000158-0002	Ind., Med., and Spec. Gases	AIR PRODUCTS AND CHEMICALS INC	11/30/22	TFORBES
SWC50526-4	Influenza Virus Vaccine	SANOFI PASTEUR	12/30/22	JRAKESTRAW
SWC50526-5	Influenza Virus Vaccine	GLAXOSMITHKLINE	12/31/22	JRAKESTRAW
99999-SPD-ES40199376IS-01	IN-STATE CAR RENTAL	THE HERTZ CORPORATION	09/08/23	TFORBES
99999-SPD-ES40199376IS-02	IN-STATE CAR RENTAL	ENTERPRISE LEASING COMPANY OF GA LLC	09/08/23	TFORBES
99999-SPD0000172-001	Integrated Security & Surveill	A 3 COMMUNICATIONS	04/30/23	JRAKESTRAW
99999-SPD0000172-002	Integrated Security & Surveill	ADAPT TO SOLVE	04/30/23	JRAKESTRAW
99999-SPD0000172-003	Integrated Security & Surveill	ALSCAN INC	04/30/23	JRAKESTRAW
99999-SPD0000172-004	Integrated Security & Surveill	COMTECH COMMUNICATIONS OF GA	04/30/23	JRAKESTRAW
99999-SPD0000172-005	Integrated Security & Surveill	COOPERCRAFT COMMUNICATIONS INC	04/30/23	JRAKESTRAW
99999-SPD0000172-006	Integrated Security & Surveill	DG INVESTMENT INTERMEDIATE HOLDINGS 2	04/30/23	JRAKESTRAW
99999-SPD0000172-007	Integrated Security & Surveill	GC&E SYSTEMS GROUP INC	04/30/23	JRAKESTRAW
99999-SPD0000172-008	Integrated Security & Surveill	ISO NETWORK LLC	04/30/23	JRAKESTRAW
99999-SPD0000172-009	Integrated Security & Surveill	LMI SYSTEMS LLC	04/30/23	JRAKESTRAW
99999-SPD0000172-010	Integrated Security & Surveill	M C DEAN INC	04/30/23	JRAKESTRAW
99999-SPD0000172-011	Integrated Security & Surveill	MOTOROLA SOLUTIONS INC	04/30/23	JRAKESTRAW
99999-SPD0000172-012	Integrated Security & Surveill	NETPLANNER SYSTEMS INC	04/30/23	JRAKESTRAW
99999-SPD0000172-013	Integrated Security & Surveill	NETWORK CABLING INFRASTRUCTURE INC	04/30/23	JRAKESTRAW
99999-SPD0000172-014	Integrated Security & Surveill	SOUTHERN COMPUTER WAREHOUSE INC	04/30/23	JRAKESTRAW
99999-SPD-T20120501-0004	IT Networking Equipment	AVAYA INC	09/30/23	TFORBES
99999-SPD-T20120501-0006	IT Networking Equipment	CISCO SYSTEMS INC	09/30/23	TFORBES
99999-SPD-T20120501-0007	IT Networking Equipment	DELL MARKETING LP	09/30/23	TFORBES
99999-SPD-T20120501-0009	IT Networking Equipment	EXTREME NETWORKS INC	09/30/23	TFORBES
99999-SPD-T20120501-0010	IT Networking Equipment	F5 NETWORKS INC	09/30/23	TFORBES
99999-SPD-T20120501-0013	IT Networking Equipment	JUNIPER NETWORKS	09/30/23	TFORBES
99999-SPD-T20120501-005A	IT Networking Equipment	RUCKUS WIRELESS INC	09/30/23	TFORBES
99999-SPD-T20120501-011A	IT Networking Equipment	HEWLETT PACKARD ENTERPRISE COMPANY	09/30/23	TFORBES
99999-SPD-T20120501-014A	IT Networking Equipment	FORTINET	09/30/23	TFORBES
99999-001-SPD0000149-0001	IT Temp Staffing	COMPUTER AID INC	02/28/23	JRAKESTRAW
99999-001-SPD0000195-0001	Lamps, Ballasts, Fixtures and	REGENCY LIGHTING INC	03/21/24	DTREADWAY
99999-001-SPD0000195-0002	Lamps, Ballasts, Fixtures and	E SAM JONES DISTRIBUTOR INC	03/21/24	DTREADWAY
SWC90807	Law Enforcement Equipment	GENERAL SERVICES ADMINISTRATION	09/30/50	JRAKESTRAW
99999-001-SPD0000130-0002	Liquid Propane Gas	AMERIGAS PROPANE LP	10/31/23	JRAKESTRAW
99999-SPD-00006328-0003	MAIL EQUIPMENT	STAMPS.COM	12/31/22	JRAKESTRAW
99999-001-SPD0000181-0001	Maintenance Repair and Operati	W W GRAINGER INC	03/31/23	DTREADWAY
99999-001-SPD0000181-0002	Maintenance Repair and Operati	FASTENAL COMPANY	03/31/23	DTREADWAY

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99999-001-SPD0000181-0003	Maintenance Repair and Operati	MSC INDUSTRIAL SUPPLY COMPANY	03/31/23	DTREADWAY
99999-001-SPD0000181-0004	Maintenance Repair and Operati	ACUITY SPECIALTY PRODUCTS INC	03/31/23	DTREADWAY
99999-001-SPD0000181-0005	Maintenance Repair and Operati	HD SUPPLY FACILITIES MAINTENANCE LTD	03/31/23	DTREADWAY
99999-001-SPD0000181-0006	Maintenance Repair and Operati	KIPPER TOOL COMPANY	03/31/23	DTREADWAY
99999-001-SPD0000181-0007	Maintenance Repair and Operati	MILLER HARDWARE COMPANY INC	03/31/23	DTREADWAY
99999-001-SPD0000181-0008	Maintenance Repair and Operati	HOME DEPOT USA INC	03/31/23	DTREADWAY
99999-001-SPD0000181-0009	Maintenance Repair and Operati	LOWE ELECTRIC SUPPLY CO	03/31/23	DTREADWAY
99999-SPD-SPD0000162-0001	Management Consulting Services	ACCENTURE LLP	06/30/23	TFORBES
99999-SPD-SPD0000162-0002	Management Consulting Services	BERRY DUNN MCNEIL & PARKER	06/30/23	TFORBES
99999-SPD-SPD0000162-0003	Management Consulting Services	DELOITTE CONSULTING LLP	06/30/23	TFORBES
99999-SPD-SPD0000162-0004	Management Consulting Services	ERNST & YOUNG LLP	06/30/23	TFORBES
99999-SPD-SPD0000162-0005	Management Consulting Services	KPMG LLP	06/30/23	TFORBES
99999-SPD-SPD0000162-0006	Management Consulting Services	IKASO CONSULTING LLC	06/30/23	TFORBES
99999-SPD-SPD0000162-0008	Management Consulting Services	MCKINSEY & COMPANY INC	06/30/23	TFORBES
99999-SPD-SPD0000162-0009	Management Consulting Services	MGT OF AMERICA LLC	06/30/23	TFORBES
99999-SPD-SPD0000162-0012	Management Consulting Services	PUBLIC CONSULTING GROUP INC	06/30/23	TFORBES
99999-SPD-SPD0000162-0013	Management Consulting Services	SLALOM LLC	06/30/23	TFORBES
99999-SPD-SPD0000162-0014	Management Consulting Services	THE STORES CONSULTING GROUP LLC	06/30/23	TFORBES
99999-SPD-SPD0000162-010A	Management Consulting Services	AVAAP USA LLC	06/30/23	TFORBES
99999-001-SPD0000153-0001	Management of GA Natural Gas	PHELTS,W BRENT	03/31/23	CAHALL
99999-SPD-SPD0000202-0001	Media Buying and Advertising	NEW FITZCO LLC	01/12/24	DTREADWAY
99999-SPD-SPD0000202-0002	Media Buying and Advertising	JACOB'S EYE LLC	01/12/24	DTREADWAY
99999-SPD-SPD0000202-0003	Media Buying and Advertising	CHANDLEY COMMUNICATIONS INC	01/12/24	DTREADWAY
99999-SPD-SPD0000202-0004	Media Buying and Advertising	THE NETWORKED PLANET LLC	01/12/24	DTREADWAY
99999-SPD-SPD0000202-0005	Media Buying and Advertising	ODONNELL COMPANY	01/12/24	DTREADWAY
99999-SPD-T20190904-0001	Microsoft End User Computing	MICROSOFT CORPORATION	02/28/23	DTREADWAY
99999-SPD-MSSVCS-0001	Microsoft Volume Services	MICROSOFT CORPORATION	05/31/25	DTREADWAY
99999-001-SPD0000126-003	Milk	DFA DAIRY BRANDS FLUID LLC	05/31/23	JRAKESTRAW
SWC90816	Motor Vehicle Maintenance & In	AUTOMOTIVE RENTALS INC	12/31/23	JRAKESTRAW
99999-001-SPD0000164-0001	Natural Gas: Firm Delivery Ser	GAS SOUTH LLC	12/31/22	CAHALL
99999-001-SPD0000164-0002	Natural Gas: Firm Delivery Ser	SCANA ENERGY	12/31/22	CAHALL
99999-001-SPD0000192-0001	Natural Gas: Interruptible Del	GAS SOUTH LLC	10/31/23	CAHALL
99999-001-SPD0000192-0002	Natural Gas: Interruptible Del	TEXICAN HOLDINGS INC	10/31/23	CAHALL
99999-001-SPD0000203-0001	New Tires and Retread Tires	BRIDGESTONE AMERICAS TIRE OPERATIONS LLC	06/30/27	DTREADWAY
99999-001-SPD0000203-0002	New Tires and Retread Tires	MICHELIN NORTH AMERICA INC	06/30/24	DTREADWAY
99999-001-SPD0000203-0003	New Tires and Retread Tires	THE GOODYEAR TIRE & RUBBER COMPANY	06/30/24	DTREADWAY
99999-001-SPD0000203-0004	New Tires and Retread Tires	CONTINENTAL TIRE THE AMERICAS	06/30/24	DTREADWAY
99999-001-SPD0000100-0002	Furniture	AFFORDABLE INTERIOR SYSTEMS INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0003	Furniture	AGATI INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0007	Furniture	ARCADIA CHAIR COMPANY	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0008	Furniture	ARTOPEX INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0009	Furniture	AURORA STORAGE PRODUCTS INC	02/02/24	JRAKESTRAW
99999-001-SPD0000100-0010	Furniture	BLOCKHOUSE COMPANY INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0012	Furniture	BRODART COMPANY	02/02/23	JRAKESTRAW

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99999-001-SPD0000100-0015	Furniture	CHERRY MAN INDUSTRIES INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0017	Furniture	COMMERCIAL FURNITURE GROUP INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0018	Furniture	DAR RAN FURNITURE INDUSTRIES	02/02/24	JRAKESTRAW
99999-001-SPD0000100-0019	Furniture	DACO LIMITED PARTNERSHIP	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0021	Furniture	DIRTT ENVIRONMENTAL SOLUTIONS INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0022	Furniture	DITTO SALES INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0024	Furniture	EGAN VISUAL INTERNATIONAL INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0025	Furniture	CORONA GROUP INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0027	Furniture	ASSA GROUP INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0028	Furniture	ERGONOM CORPORATION	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0029	Furniture	EXEMPLIS LLC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0030	Furniture	F E HALE MFG CO	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0031	Furniture	FAIRWAY HOLDINGS	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0032	Furniture	GLOBAL INDUSTRIES INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0034	Furniture	GROUPE LACASSE LLC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0035	Furniture	HAWORTH INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0036	Furniture	HERMAN MILLER INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0037	Furniture	HIS FURNITURE	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0039	Furniture	HLF FURNITURE INC	02/02/24	JRAKESTRAW
99999-001-SPD0000100-0040	Furniture	HUMANSIZE CORPORATION	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0042	Furniture	IMF SOLUTIONS LLC	02/02/24	JRAKESTRAW
99999-001-SPD0000100-0043	Furniture	INDIANA FURNITURE INDUSTRIES	02/02/24	JRAKESTRAW
99999-001-SPD0000100-0044	Furniture	INSCAPE	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0045	Furniture	INTEGRA INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0046	Furniture	WORKRITE ERGONOMICS CANADA INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0048	Furniture	JASPER SEATING CO	02/02/24	JRAKESTRAW
99999-001-SPD0000100-0049	Furniture	JOHN SAVOY & SON INC	02/02/24	JRAKESTRAW
99999-001-SPD0000100-0052	Furniture	KEILHAUER LTD	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0053	Furniture	KIMBALL INTERNATIONAL BRANDS INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0055	Furniture	KNOLL INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0056	Furniture	KRUEGER INTERNATIONAL INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0057	Furniture	KRUG FURNITURE INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0058	Furniture	LEEDER FURNITURE LLC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0059	Furniture	LELAND INTERNATIONAL INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0060	Furniture	LIAT	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0064	Furniture	MEUBLES FOLIOT INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0066	Furniture	MJ INDUSTRIES INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0067	Furniture	MOBILIER DE BUREAU LOGIFLEX INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0068	Furniture	MODUFORM INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0069	Furniture	NATIONAL OFFICE FURNITURE INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0070	Furniture	NEUTRAL POSTURE INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0071	Furniture	NEW ENGLAND WOODCRAFT INC	02/02/24	JRAKESTRAW
99999-001-SPD0000100-0072	Furniture	NOVA SOLUTIONS	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0073	Furniture	ALLSEATING CORPORATION	02/02/23	JRAKESTRAW

Statewide Contract Number	Statewide Contract Description	Supplier Name	Expiration Date	Contract Manager
99999-001-SPD0000100-0074	Furniture	OFFICE MASTER INC.	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0075	Furniture	OFS BRANDS INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0076	Furniture	PALMER HAMILTON LLC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0078	Furniture	R T LONDON COMPANY	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0079	Furniture	SEATING INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0080	Furniture	SICO NORTH AMERICA	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0081	Furniture	SMITH SYSTEM MFG CO	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0082	Furniture	SOUTHWEST CONTRACT INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0083	Furniture	SPACESAVER STORAGE SYSTEMS INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0084	Furniture	SPEC FURNITURE	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0085	Furniture	STEELCASE INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0086	Furniture	SYMPHONY FURNITURE LLC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0087	Furniture	TEKNION LLC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0088	Furniture	THE ALLSTEEL COMPANY INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0090	Furniture	THE GUNLOCKE COMPANY LLC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0091	Furniture	THE HON COMPANY INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0092	Furniture	TRENDWAY CORPORATION	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0093	Furniture	TRINITY FURNITURE INC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0098	Furniture	WRIGHT LINE LLC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-0099	Furniture	SAUDER MANUFACTURING CO	02/02/23	JRAKESTRAW
99999-001-SPD0000100-058A	Furniture	LEEDER FURNITURE LLC	02/02/23	JRAKESTRAW
99999-001-SPD0000100-063M	Furniture	SAFCO PRODUCTS INC	02/02/23	JRAKESTRAW
99999-SPD-SPD0000096-0001	Offset Printing and Related Se	R R DONNELLEY & SONS	04/30/23	JRAKESTRAW
99999-SPD-ES40199376LS-01	OPEN & CLOSED VEHICLE LEASING	ACME AUTO LEASING LLC	09/20/23	JHALLOCK
99999-001-SPD0000144-0001	Paint- Interior / Exterior and	SHERWIN WILLIAMS CO	09/30/23	DTREADWAY
99999-001-SPD0000128-0002	Petroleum: Gasoline, Diesel, H	MANSFIELD OIL COMPANY INC	12/31/23	DTREADWAY
99999-001-SPD0000128-0003	Petroleum: Gasoline, Diesel, H	BOSWELL OIL COMPANY	12/31/23	DTREADWAY
99999-001-SPD0000128-0004	Petroleum: Gasoline, Diesel, H	PS ENERGY GROUP INC	12/31/22	DTREADWAY
99999-001-SPD0000128-0005	Petroleum: Gasoline, Diesel, H	ACREE OIL COMPANY	12/31/22	DTREADWAY
99999-001-SPD0000128-001A	Petroleum: Gasoline, Diesel, H	PERRY BROTHERS OIL INC	12/31/23	DTREADWAY
99999-001-SPD0000183-0001	Police Pursuit and Special Ser	ALAN JAY AUTOMOTIVE MANAGEMENT INC	01/03/24	JHALLOCK
99999-001-SPD0000183-0002	Police Pursuit and Special Ser	HARDY CHEVROLET INC	01/03/24	JHALLOCK
99999-001-SPD0000183-0003	Police Pursuit and Special Ser	AKINS FORD LLC	01/03/24	JHALLOCK
99999-001-SPD0000183-0004	Police Pursuit and Special Ser	FAMILY FORD INC	01/03/24	JHALLOCK
99999-001-SPD0000183-0005	Police Pursuit and Special Ser	ALLAN VIGIL FORD LINCOLN MERCURY INC	01/03/24	JHALLOCK
99999-001-SPD0000183-0006	Police Pursuit and Special Ser	WADE FORD INC	01/04/24	JHALLOCK
99999-001-SPD0000183-0007	Police Pursuit and Special Ser	GINN MOTOR COMPANY INC	01/03/24	JHALLOCK
99999-SPD-00006328-0001	Postage Services/Equipment	PITNEY BOWES INC	12/31/22	JRAKESTRAW
99999-SPD-00006328-0002	Postage Services/Equipment	QUADIENT INC	12/31/22	JRAKESTRAW
99999-SPD-SPD0000137-0001	Printers, MFPs and Related Tec	SHARP ELECTRONICS CORPORATION	06/30/23	JRAKESTRAW
99999-SPD-SPD0000137-0002	Printers, MFPs and Related Tec	RICOH USA INC	06/30/23	JRAKESTRAW
99999-SPD-SPD0000137-0003	Printers, MFPs and Related Tec	TOSHIBA AMERICA BUSINESS SOLUTIONS INC	06/30/23	JRAKESTRAW
99999-SPD-SPD0000137-0004	Printers, MFPs and Related Tec	XEROX CORPORATION	06/30/23	JRAKESTRAW
99999-SPD-SPD0000137-0005	Printers, MFPs and Related Tec	CANON USA INC	06/30/23	JRAKESTRAW

Statewide Contract Number	Statewide Contract Description	Supplier Name	Expiration Date	Contract Manager
99999-SPD-G05292020	Professional Grade Tools	IDSC HOLDING LLC	06/30/23	DTREADWAY
99999-001-SPD0000138-0001	Public Mass Transit and Transp	THE BUS CENTER OF ATLANTA LLC	12/13/22	JHALLOCK
99999-001-SPD0000138-0003	Public Mass Transit and Transp	CREATIVE BUS SALES INC	12/13/22	JHALLOCK
99999-SPD-NVPWA06913-0002	Public Safety Two-Way Radio	E F JOHNSON COMPANY	12/31/22	DTREADWAY
99999-SPD-NVPWA06913-0004	Public Safety Two-Way Radios	MOTOROLA SOLUTIONS INC	12/31/22	DTREADWAY
99999-SPD-NVPPAOK000-0001	Public Safety Video Systems	WATCHGUARD INC	12/30/22	DTREADWAY
99999-SPD-NVPPAOK000-0003	Public Safety Video Systems	AXON ENTERPRISE INC	12/31/22	DTREADWAY
99999-SPD-NVPPAOK000-0004	Public Safety Video Systems	COBAN RESEARCH AND TECHNOLOGIES	12/31/22	DTREADWAY
99999-SPD-SPD0000124-0001	Purchasing, Travel and Electro	BANK OF AMERICA NA	10/31/23	CAHALL
99999-SPD-SPD0000108-0001	Rapid Copy and Digital Printin	MOORE PARTNERS INC	02/28/23	DTREADWAY
99999-SPD-SWL20200630-001	School Buses	YANCEY BROS CO	06/30/24	JHALLOCK
99999-SPD-SWL20200630-002	School Buses	PEACH STATE TRUCK CENTERS LLC	06/30/24	JHALLOCK
99999-SPD-SWL20200630-003	School Buses	RUSH TRUCK CENTERS OF GEORGIA INC	06/30/24	JHALLOCK
99999-SPDS20200501-DOD1	Security Services	STRATEGIC SECURITY CORP	07/14/23	DTREADWAY
99999-SPDS20200501-DOD2	SECURITY SERVICES	DYNAMIC SECURITY INC	07/14/23	DTREADWAY
99999-SPD-SPD0000178-SOG1	Security Services - Armed & Un	UNIVERSAL PROTECTION SERVICE LLC	08/14/23	DTREADWAY
99999-SPD-SPD0000178-SOG2	Security Services - Armed & Un	DYNAMIC SECURITY INC	08/14/23	DTREADWAY
99999-SPD-SPD0000178-SOG3	Security Services - Armed & Un	STRATEGIC SECURITY CORP	08/14/23	DTREADWAY
99999-SPD-SPD0000178-SOG4	Security Services - Armed & Un	CONFIDENTIAL SECURITY AGENCY INC	08/14/23	DTREADWAY
99999-SPD-SPD0000060-006A	Software Category 4 Oracle	DELL MARKETING LP	04/30/23	DTREADWAY
99999-SPD-SPD0000060-0001	Statewide Contracts for Softwa	IBM CORPORATION	04/30/23	DTREADWAY
99999-SPD-SPD0000060-0002	Statewide Contracts for Softwa	PRESIDIO NETWORKED SOLUTIONS	04/30/23	DTREADWAY
99999-SPD-SPD0000060-0003	Statewide Contracts for Softwa	SHI INTERNATIONAL CORP	04/30/23	DTREADWAY
99999-SPD-SPD0000060-0004	Statewide Contracts for Softwa	CDW GOVERNMENT LLC	04/30/23	DTREADWAY
99999-SPD-SPD0000060-0005	Statewide Contracts for Softwa	PC SPECIALISTS INC	04/30/23	DTREADWAY
99999-SPD-SPD0000060-0006	Statewide Contracts for Softwa	DELL MARKETING LP	04/30/23	DTREADWAY
SWCDAS0000082	Statewide Substance Abuse Prog	FIRST HOSPITAL LABORATORIES INC	02/28/23	TFORBES
99999-001-SPD0000138-0006	Supplemental Public Mass Trans	MOTOR COACH INDUSTRIES	06/30/23	JHALLOCK
99999-001-SPD0000138-0007	Supplemental Public Mass Trans	PROTERRA INC	06/30/23	JHALLOCK
99999-001-SPD0000138-0008	Supplemental Public Mass Trans	BYD MOTORS LLC	06/30/23	JHALLOCK
99999-001-SPD0000138-001A	Supplemental Public Mass Trans	THE BUS CENTER OF ATLANTA LLC	06/30/23	JHALLOCK
99999-001-SPD0000138-003A	Supplemental Public Mass Trans	CREATIVE BUS SALES INC	06/30/23	JHALLOCK
99999-SPD-T20220224-0001	TECHNOLOGY	MICROSOFT CORPORATION	02/28/25	DTREADWAY
99999-001-SPD0000194-0001	Telehealth Products and Servic	JETDOC INC	12/14/26	TFORBES
99999-001-SPD0000194-0002	Telehealth Products and Servic	BADVE,SUNIL	12/16/26	TFORBES
99999-001-SPD0000194-0003	Telehealth Products and Servic	COGNOSANTE LLC	12/16/26	TFORBES
99999-001-SPD0000194-0004	Telehealth Products and Servic	CAREMARKET INC	12/26/26	TFORBES
99999-001-SPD0000194-0005	Telehealth Products and Servic	MDLIVE INC	01/11/27	TFORBES
99999-001-SPD0000194-0006	Telehealth Products and Servic	AMERICAN WELL CORPORATION	01/13/26	TFORBES
99999-001-SPD0000136-0001	Temporary Staffing Services-St	FOCUS OF GEORGIA INC	06/30/23	JRAKESTRAW
99999-001-SPD0000136-0002	Temporary Staffing Services-St	ARK TEMPORARY STAFFING LLC	06/30/23	JRAKESTRAW
99999-001-SPD0000136-0003	Temporary Staffing Services-St	HAPPY FACES PERSONNEL GROUP INC	06/30/23	JRAKESTRAW
99999-001-SPD0000136-0004	Temporary Staffing Services-St	NITELINES USA	06/30/23	JRAKESTRAW
99999-001-SPD0000136-0005	Temporary Staffing Services-St	SHAGA CONSULTING & RECRUITING	06/30/23	JRAKESTRAW

Statewide Contract Number	Statewide Contract Description	Supplier Name	Expiration Date	Contract Manager
99999-001-SPD0000136-0006	Temporary Staffing Services-St	ABACUS CORPORATION	06/30/23	JRAKESTRAW
99999-001-SPD0000136-0007	Temporary Staffing Services-St	DOVER STAFFING INC	06/30/23	JRAKESTRAW
99999-001-SPD0000136-0008	Temporary Staffing Services-St	CORPORATE TEMPS 2000	06/30/23	JRAKESTRAW
99999-001-SPD0000136-0009	Temporary Staffing Services-St	INGENESIS INC	06/30/23	JRAKESTRAW
99999-SPD-SPD0000021-0001	Tier 1 Audio Visual Products a	ONEPATH SYSTEMS LLC	04/30/23	TFORBES
99999-SPD-SPD0000021-0003	Tier 1 Audio Visual Products a	AVI-SPL LLC	04/30/23	TFORBES
99999-SPD-SPD0000021-0004	Tier 1 Audio Visual Products a	TROXELL COMMUNICATIONS INC	04/30/23	TFORBES
99999-SPD-SPD0000021-0005	Tier 1 Audio Visual Products a	SOUTHERN COMPUTER WAREHOUSE INC	04/30/23	TFORBES
99999-SPD-SPD0000021-002A	Tier 1 Audio Visual Products a	SUMMIT SOLUTIONZ INC	04/30/23	TFORBES
99999-001-SPD0000177-0001	Tractors and Mowers	TOCCOA HARDWARE, INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0002	Tractors and Mowers	JET-VAC EQUIPMENT COMPANY LLC	05/31/23	DTREADWAY
99999-001-SPD0000177-0003	Tractors and Mowers	FELSHAW CAPITAL VENTURES INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0004	Tractors and Mowers	GREAT PLAINS MANUFACTURING INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0005	Tractors and Mowers	CNH INDUSTRIAL AMERICA LLC	05/31/23	DTREADWAY
99999-001-SPD0000177-0006	Tractors and Mowers	ATLANTA KUBOTA LLC	05/31/23	DTREADWAY
99999-001-SPD0000177-0007	Tractors and Mowers	ALAMO GROUP (TX) INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0008	Tractors and Mowers	WESTOVER LAWN AND GARDEN PROPERTIES	05/31/23	DTREADWAY
99999-001-SPD0000177-0009	Tractors and Mowers	ENVIRONMENTAL PRODUCTS GROUP INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0010	Tractors and Mowers	CLARK EQUIPMENT COMPANY	05/31/23	DTREADWAY
99999-001-SPD0000177-0011	Tractors and Mowers	JOHN DEERE SHARED SERVICES INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0012	Tractors and Mowers	REYNOLDS-WARREN EQUIPMENT CO INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0013	Tractors and Mowers	ASCENDUM MACHINERY INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0014	Tractors and Mowers	JERRY PATE TURF & IRRIGATION INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0015	Tractors and Mowers	LANIER OUTDOOR EQUIPMENT INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0016	Tractors and Mowers	ATLANTIC & SOUTHERN EQUIPMENT	05/31/23	DTREADWAY
99999-001-SPD0000177-0017	Tractors and Mowers	ARIENS COMPANY	05/31/23	DTREADWAY
99999-001-SPD0000177-0018	Tractors and Mowers	STANANCO INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0019	Tractors and Mowers	MORIDGE MANUFACTURING INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0020	Tractors and Mowers	MASON TRACTOR AND EQUIPMENT CO	05/31/23	DTREADWAY
99999-001-SPD0000177-0021	Tractors and Mowers	COWIN EQUIPMENT COMPANY	05/31/23	DTREADWAY
99999-001-SPD0000177-0022	Tractors and Mowers	G J & L INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0023	Tractors and Mowers	FLINT EQUIPMENT CO INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0024	Tractors and Mowers	YANCEY BROS CO	05/31/23	DTREADWAY
99999-001-SPD0000177-0025	Tractors and Mowers	MARION FORD TRACTOR	05/31/23	DTREADWAY
99999-001-SPD0000177-0026	Tractors and Mowers	DEERE & COMPANY	05/31/23	DTREADWAY
99999-001-SPD0000177-0027	Tractors and Mowers	THE HALL GROUP INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0028	Tractors and Mowers	JCB INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0029	Tractors and Mowers	AGCO CORPORATION	05/31/23	DTREADWAY
99999-001-SPD0000177-0030	Tractors and Mowers	ATMAX EQUIPMENT CO	05/31/23	DTREADWAY
99999-001-SPD0000177-0031	Tractors and Mowers	HUSQVARNA PROFESSIONAL PRODUCTS INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0032	Tractors and Mowers	MARLIN HOLDINGS 2, LLC	05/31/23	DTREADWAY
99999-001-SPD0000177-0033	Tractors and Mowers	BUSH HOG, INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0034	Tractors and Mowers	GREEN CLIMBER OF NORTH AMERICA INC	05/31/23	DTREADWAY
99999-001-SPD0000177-0035	Tractors and Mowers	ENERGREEN AMERICA INC	05/31/23	DTREADWAY

Statewide Contract Number	Statewide Contract Description	Supplier Name	Expiration Date	Contract Manager
99999-001-SPD0000134-0001	Translation, Interpretation, &	INTERPRETERS UNLIMITED	10/29/23	JRAKESTRAW
99999-001-SPD0000134-0002	Translation, Interpretation, &	LIONBRIDGE TECHNOLOGIES LLC	10/29/23	JRAKESTRAW
99999-001-SPD0000134-0003	Translation, Interpretation, &	AD ASTRA INC	10/29/23	JRAKESTRAW
99999-SPD-SPD0000155-0001	Truck Chassis and Bodies	RUSH TRUCK CENTERS OF GEORGIA INC	08/31/23	DTREADWAY
99999-SPD-SPD0000155-0002	Truck Chassis and Bodies	GEORGIA KENWORTH INC	08/31/23	DTREADWAY
99999-SPD-SPD0000155-0003	Truck Chassis and Bodies	HARDY CHEVROLET INC	08/31/23	DTREADWAY
99999-SPD-SPD0000155-0005	Truck Chassis and Bodies	FAMILY FORD INC	08/31/23	DTREADWAY
99999-SPD-SPD0000155-0006	Truck Chassis and Bodies	WADE FORD INC	08/31/23	DTREADWAY
99999-SPD-SPD0000155-0007	Truck Chassis and Bodies	PEACH STATE TRUCK CENTERS LLC	08/31/23	DTREADWAY
99999-SPD-G20200612-001A	Vaccines Distribution, Includi	MCKESSON MEDICAL SURGICAL GOVERNMENT	12/31/23	JRAKESTRAW
99999-SPD-G20200612-0002	Vaccines Including Influenza	FFF ENTERPRISES INC	12/31/23	JRAKESTRAW
99999-SPD-G20200612-0003	Vaccines Including Influenza	ASD SPECIALTY HEALTHCARE INC	12/31/23	JRAKESTRAW
SWC90817-001A	Vehicle Lifts NJPA	MOHAWK LIFTS LLC	02/09/23	TFORBES
99999-SPD-NVPUTMA152-0001	WIRELESS, DATA, VOICE AND ACCE	VERIZON COMMUNICATIONS INC	08/11/24	TFORBES



4640 North Henry Blvd. Stockbridge, GA 30281

APPLICATION FOR BOARD, COMMITTEE OR COMMISSION APPOINTMENT

- Citizens provide a great insight and knowledge to City government. An avenue that the City of Stockbridge uses to get this insight is through the various Boards and Committees. The members of the Boards and Committees make decisions and submit recommendations to the City of Stockbridge Mayor and Council. Applicants complete a questionnaire that will assist the Mayor and Council in the review process in determining applicant eligibility requirements and qualifications for Board or Committee membership.

Questions to consider before applying for membership on a Board or Commission:

- Do I fully understand what this Board, Committee or Commission expects from me?
- Am I committed to the goals and mission of this Board, Committee or Commission?
- Can I afford the demands on my time, resources and energy?
- Will I attend meetings regularly, making them a priority for the duration of my appointment?
- Am I willing to perform a reasonable amount of work outside of regularly scheduled Board, Committee or Commission meetings and prepare for each meeting?
- Can I work effectively with the other members of the Board, Committee or Commission?
- Am I willing to participate in necessary Board, Committee or Commission training, education and development activities that will improve my effectiveness in my position?
- Am I willing to complete a Criminal Background Check upon selection?

APPLICANT INFORMATION

Applicant Name: Deyonna Williams

Occupation: Sales Operations Specialist

Employer: Arrow Electronics

Home Address: [REDACTED]

City: Stockbridge

Zip: 30281

Home Phone: [REDACTED]

Home E-Mail: [REDACTED]

Work Phone: ()

Work E-Mail: [REDACTED]

Cell Phone: ()

Preferred E-Mail:

☒ Home

☐ Work

Name and address of the business entity you own/operate, located within the city limits of Stockbridge (if applicable)

BOARD, COMMITTEE OR COMMISSION APPLICATION

- a) Which Board(s) or Commission(s) do you wish to be appointed to? Citizen-Police Advisory Council
If applying for the Main Street Advisory Board, which position? _____
(See positions noted below)
- b) How long have you been a resident or business owner/operator in the City of Stockbridge? 4 Years 9 Months
- c) Are you current with all your financial obligations to the City of Stockbridge? ☒ Yes ☐ No
- d) Are you willing and available to attend training sessions on-site and/or off-site if provided by the city? ☒ Yes ☐ No
- e) Available Boards and Commissions and their terms and meeting schedules are listed at the end of this application.
Are you able to meet the attendance requirements of the position for which you are applying? ☒ Yes ☐ No
- f) Do you know of any circumstances that would result in you having to abstain from voting on any action before the Board or Commission? ☐ Yes ☒ No If yes, please explain:

- g) Do you or your employer, or your spouse, child, relative or their employers, do business with the City of Stockbridge
☐ Yes ☒ No If yes, please explain:

- h) Do you have any employment or contractual relationship with the City of Stockbridge that would create a continuing or frequently recurring conflict regarding your participation on a Board or Commission? ☐ Yes ☒ No
If yes, please explain:

BOARD, COMMITTEE OR COMMISSION APPLICATION

- i) Please briefly explain your reasons for wishing to serve on the Board or Commission you select:

I desire to be a member of the Citizen-Police Advisory Council because I believe that the community should work hand in hand in resolving some of the issues that are plaguing. The people in the City of Stockbridge are many but it is easier for their voices and concerns to be heard when they have fair representation of those concerns. I have a compassion to drive change but bridge a gap to repair the breach as a citizen but also as a leader.

- j) Are you willing to be considered for appointment to any of the other Boards or Commissions of the City if a position is not available on the Board or Commission of your first choice? ☒ Yes ☐ No If yes, please list the Boards or Commissions for which you would like to be considered (in order of interest):

1. Youth Advisory Council 2. Main Street Advisory Board

- k) **Please attach a Resume of Qualifications for the Board position for which you are applying.**

APPLICANT STATEMENT

I understand that I am applying for appointment to a Board, Committee or Commission office of the City of Stockbridge that the appointing authority may require an interview prior to consideration for appointment; that I will be required to take an oath of office to uphold the City's charter and ordinances; that I may be removed from office for any reason permitted by law or City charter; and that my application will remain on file for consideration for a period of six (6) months, after which time, I will need to file a new application. I always agree to comply with all requirements of the office for which I am applying and to which I may be appointed. All statements and information provided in this application are true to the best of my knowledge. I understand a Criminal Background Check will be completed if I am considered to go before the Mayor & Council prior to being appointed. Members who qualify for elected office shall be removed from the Board/Commission of which they serve.

eSigned via SeamlessDoc.com

Deyonna V. Williams

Key: 88f3b845c479e2243f8a09713b12d8

Signature

Deyonna V. Williams

Printed Name

12-13-2022

Date

Please return signed application to:

City Clerk
City of Stockbridge
4640 North Henry Blvd.
Stockbridge, Georgia 30281

Fax: 770.389.7912
Email: cityclerk@cityofstockbridge-ga.gov

DEYONNA WILLIAMS

110155 Ridge Road, Norcross, GA 30751
770-444-0604 | d.williams@att.net

SALES OPERATIONS

Innovative and resourceful Professional leveraging industry experience and technical skills to support a high-performance operation. Customer-focused, congenial, and motivated self-starter with excellent communication, and collaboration skills. A reputation defined by professionalism, integrity, and a relentless commitment to excellence. Ability to work both independently and in a team. Seeking opportunities for professional growth in the technology field.

Hard Skills

- Microsoft Excel, Word, PowerPoint
- Project Management
- Ability to read technical drawings
- Interpret Product Specifications

Soft Skills

- Strategic Thinker
- Enthusiastic Learner
- Results Oriented
- Relationship Builder

Professional Experience

Construction Works, Inc.- General Contracting and Design Build Services

Project Administrator

January 2018-Present

- Assist in search for new build opportunities and customers in local municipalities and neighboring states.
- Communicates with Client and design team in a timely, efficient manner ensuring specifications and drawings are understood and received by all parties.
- Actively participates in all aspects of the project-specific safety plan (safety measures on job site) PPE, signage, participate in safety planning meeting.
- Liaison for architect and subcontractors regarding materials and specifications. Manages subcontractor default issues if they arise and documents / maintains records for process.
- Ensures document management is performed accurately and that all parties receive current project documents to utilize for construction.
- Use diligence in the change order process and keeps accurate and current records of change order requests.
- Completes project legal documents such as bid sheets, requests for insurance and bonds, subcontractor and contractor, agreements and project warranties.
- Manage project closure process and hand-over to the client.

United States Army Reserves

Human Resources Specialist

April 2008-November 2012

- Assisting Soldiers with career progression by providing promotion and future training information.
- Ensured the necessary support was provided to commanders across all branches.
- Official documentation preparation for duty transfer, separation and retirement. Documents included training history records, time-served, awards, and medical records.
- Obtained and maintained secret security clearance.

Education

General Educational Development Diploma, Dekalb Technical College
Tucker, GA March 2008

References Available Upon Request



4640 North Henry Blvd. Stockbridge, GA 30281

APPLICATION FOR BOARD, COMMITTEE OR COMMISSION APPOINTMENT

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Questions to consider before applying for membership on a Board or Commission:

- Do I fully understand what this Board, Committee or Commission expects from me?
- Am I committed to the goals and mission of this Board, Committee or Commission?
- Can I afford the demands on my time, resources and energy?
- Will I attend meetings regularly, making them a priority for the duration of my appointment?
- Am I willing to perform a reasonable amount of work outside of regularly scheduled Board, Committee or Commission meetings and prepare for each meeting?
- Can I work effectively with the other members of the Board, Committee or Commission?
- Am I willing to participate in necessary Board, Committee or Commission training, education and development activities that will improve my effectiveness in my position?
- Am I willing to complete a Criminal Background Check upon selection?

APPLICANT INFORMATION

Applicant Name: Thomas Smith

Occupation: High School Teacher Employer: DeKalb County School/Martin Luther King Jr

Home Address: 456 Townsend Bend City: Stockbridge Zip: 30281

Home Phone: [REDACTED] Home E-Mail: [REDACTED]

Work Phone: [REDACTED] Work E-Mail: thomas.smith@dekalbschools.org

Cell Phone: [REDACTED] Preferred E-Mail: ☒ Home ☐ Work

Name and address of the business entity you own/operate, located within the city limits of Stockbridge (if applicable)

BOARD, COMMITTEE OR COMMISSION APPLICATION

- a) Which Board(s) or Commission(s) do you wish to be appointed to? Citizens Police Advisory Council
If applying for the Main Street Advisory Board, which position? _____
(See positions noted below)
- b) How long have you been a resident or business owner/operator in the City of Stockbridge? 12 Years 8 Months
- c) Are you current with all your financial obligations to the City of Stockbridge? ☒ Yes ☐ No
- d) Are you willing and available to attend training sessions on-site and/or off-site if provided by the city? ☒ Yes ☐ No
- e) Available Boards and Commissions and their terms and meeting schedules are listed at the end of this application.
Are you able to meet the attendance requirements of the position for which you are applying? ☒ Yes ☐ No
- f) Do you know of any circumstances that would result in you having to abstain from voting on any action before the Board or Commission? ☐ Yes ☒ No If yes, please explain:

- g) Do you or your employer, or your spouse, child, relative or their employers, do business with the City of Stockbridge
☐ Yes ☒ No If yes, please explain:

- h) Do you have any employment or contractual relationship with the City of Stockbridge that would create a continuing or frequently recurring conflict regarding your participation on a Board or Commission? ☐ Yes ☒ No
If yes, please explain:

BOARD, COMMITTEE OR COMMISSION APPLICATION

- i) Please briefly explain your reasons for wishing to serve on the Board or Commission you select:

As a Stockbridge resident, I am the new Henry County Emergency Operations Center volunteer team Captain for the Stockbridge Community Emergency Response Team (CERT) I am dedicated to the citizens of Stockbridge with a strong desire for community relations service via public safety, disaster preparation and emergency response training

I have recently met with Mayor Floyd and Police Chief Trammer, who both have encouraged me to apply.

- j) Are you willing to be considered for appointment to any of the other Boards or Commissions of the City if a position is not available on the Board or Commission of your first choice? ☒ Yes ☐ No If yes, please list the Boards or Commissions for which you would like to be considered (in order of interest):

Youth Advisory Council

- k) Please attach a Resume of Qualifications for the Board position for which you are applying.

APPLICANT STATEMENT

I understand that I am applying for appointment to a Board, Committee or Commission office of the City of Stockbridge that the appointing authority may require an interview prior to consideration for appointment; that I will be required to take an oath of office to uphold the City's charter and ordinances; that I may be removed from office for any reason permitted by law or City charter; and that my application will remain on file for consideration for a period of six (6) months, after which time, I will need to file a new application. I always agree to comply with all requirements of the office for which I am applying and to which I may be appointed. All statements and information provided in this application are true to the best of my knowledge. I understand a Criminal Background Check will be completed if I am considered to go before the Mayor & Council prior to being appointed. Members who qualify for elected office shall be removed from the Board/Commission of which they serve.

Digitized via ScanMeasDocs.com
Thomas Lee Smith
Key: 48f36d876c476c22418d90713b12d8
Signature

Thomas Lee Smith
Printed Name

11-23-2022
Date

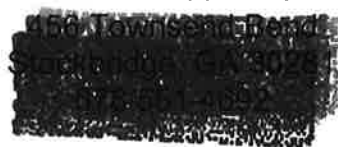
Please return signed application to:

City Clerk
City of Stockbridge
4640 North Henry Blvd.
Stockbridge, Georgia 30281

Fax: 770.389.7912
Email: cityclerk@cityofstockbridge-ga.gov

Curriculum Vitae

Thomas Lee Smith



BACKGROUND SUMMARY

More than thirty-five years of experience in the field of education, teacher training, study Abroad, Professor and governmental relations with extensive interaction in diplomacy and English/ESOL teaching with the international and minority communities, both in Georgia, South America and Africa. Bilingual, fluent in both teaching English and Spanish as a Second Language.

WORK EXPERIENCE

2017-2022 June each year Intensive English Language Camp Coordinator Kilimanjaro
Information Technology College

Teach English writing, grammar, reading and comprehension

2001-present DeKalb County Schools, Atlanta, Georgia- ML King Jr. High School

Teacher High School: presently teaching American Government and AP
Human Geography/Psychology/Sociology, English as a Second Language,
Remedial English, Grammar and Writing,

Interrelated Special Education Certified

Conduct parent-training workshops in Spanish for Title I

Teacher Support Specialists

Spanish teacher to adults

ESOL teacher to adults

Saturday School Reading Tutor

Reading, Writing/English Tutor in DeKalb County Schools Neglected and
Delinquent program

Credit Recovery Instructor

International Baccalaureate Coordinator

2014-present University of Phoenix

Adjunct Professor responsible for supervising student teachers
who are completing their practice teaching for certification.

2017 June /July Fulbright-Hayes Teaching/Research Scholar, Tanzania, Africa

2016-2019 Intercultural Institute of East Africa/Kilimanjaro Information Technology College, Moshi , Tanzania, East Africa (each summer)

Conduct teacher training workshop for Tanzanian teachers of English

Conduct ESOL teacher training for US Embassy Access Program

Teacher, Intensive English Language Summer Camps (ESOL) for the US Embassy student Access program in Dar es Salaam, Moshi, and Zanzibar, Tanzania.

2012-2015 Adjunct Professor, University of North Georgia/U.S. Army Cadet Command

Adjunct professor and Senior Director of Instruction University of North Georgia/ U.S. Army ROTC summer study abroad program Africa teaching English.

Conducted teacher training in teaching English and Supervised Army cadet English/ESOL language teachers on teaching English/ESOL at three military high schools in Tanzania.

Professor of Record for English/ESOL teaching, research, writing and cultural Immersion of the Army cadets. Assigned university grade.

Taught English/ESOL reading and pronunciation classes for the US Embassy English Access program.

Director and presenter for the Tanzanian Military High Schools English Language Teachers Conference.

2011-2016 Westwood College online

Adjunct Professor of English-reading, writing, research, humanities, Literature, ethical and critical thinking

2010-2016 Westwood College-ground campus

Adjunct Professor of English-reading, writing, research, humanities, Literature, ethical and critical thinking

2007-2011 Georgia Perimeter College

Adjunct Professor of English/ESOL-taught English grammar, writing,

remedial reading skills
and communication /pronunciation courses

- 1999-2001 DeKalb County Schools, Decatur, GA Dresden Elementary School
Teacher Elementary School English/ESOL/Reading
- 1999-2001 Manager: Buford Highway Hispanic Shopping Mall, Chamblee, GA
- 1998-2001 ESL Instruction & Consulting, Inc. Chamblee, GA
Teacher (part time) Taught beginning and intermediate English/ESOL
conversation, idioms, grammar, writing, pronunciation.
- 1996-1999 DeKalb County Schools, Decatur, GA
Community Relations Specialist Liaison between schools and the
International community. Coordinated educational programs between
schools, local businesses and parents. Taught cultural and diversity
workshops for teachers on understanding the growing international
community in Atlanta. Conducted parent workshops on understanding
the American system of education.
Taught English/ESOL classes for newly arrived
immigrants to Atlanta who had school age children.
- 1996 Ministry of Education, Republic of Peru
English/ESOL Teacher Trainer: Trained teachers on methodology in
English as a Second Language, Curriculum Develop and English for
Specific Purposes
- 1995-2002 Honorary Consul General of Peru in Atlanta
Diplomatic representative from Peru to state and local governments.
Responsible for passports, visas, and all legal documents between Georgia
and Peru. Responsible for business and cultural and educational
development between Peru and Georgia.
- 1995 University of Alabama Extension Program/US State Department English
Language Specialist Program Republic of Macedonia
Teacher Trainer. Trained teachers how to teach English as a Second
Language. Taught courses in Intro. to Linguistics, Second Language

Acquisition, Methods and Materials, Understanding Culture. and English for Specific Purposes, remedial English and Writing

- 1994-1995 Gwinnett County Schools, Gwinnett, GA
Teacher (part time) middle school. Taught Spanish and English/ESOL
- 1994 Georgia State University, Atlanta, GA
Language Lab Coordinator, evening study program, remedial reading and writing
Academic Summer Camp Coordinator English, Math (March-August)
- 1992-1994 Georgia State University Graduate Assistant
- 1990-1992 Orrego University, Trujillo, Peru
Founder/Director English Language Institute (ESOL)
Also taught conversational and English for specific purposes, grammar and reading
- 1987-1989 Countryman Publisher, Dallas, TX
Vice President- sales and marketing to schools and non-profit organizations
- 1978-1986 Thomas Nelson Publisher, Nashville, TN
Project Director-School Curriculum Development
Regional Vice President-Sales and Marketing
- 1974-1978 Franklin Road Christian High School, Murfreesboro, TN
Principal
- 1972-1974 Unity Christian Elementary School, Chattanooga, TN
Principal
- 1971-1972 Eastridge High School
World History Teacher

EDUCATION

2006-2008	Argosy University	Ed.D. Organizational leadership
2002-2004	Kennesaw State University	M.Ed. Special/Gifted Education
2002-2003	Lincoln Memorial University	Ed.S. Educational Leadership/curriculum development
1995	Republic of Peru	Honorary Consuls Diplomatic Academy
1995	International House/University of Cambridge, England Royal Society for the Arts	Certificate in Teaching English as Second Language
1992-1994	Georgia State University	M.S. Applied Linguistics and English/TESOL
1974-1976	Freedom University	D. Ed. School Administration/Religious Education
1971-1973	Tennessee Temple University	M.R.E. School Administration/Religious Education
1967-1971	Tennessee Temple University	B.S. Secondary Education/History
1971-present	State of Georgia Professional Standards Commission	

Certified Teacher: Certification areas are social studies, English as a Second Language, Special Education (Interrelated), Educational Leadership and Teacher Support Specialist.

CERTIFICATES AND DIPLOMAS

FEMA IS 100 Introduction to Incident Command System 2022

FEMA IS 317 Introduction to Community Emergency Response Teams 2022

Henry County Emergency Operations Center (CERT)
Community Emergency Response Team 2021

FCC Licensed General Mobile Radio Service 2022 WRUD449

FCC Licensed Amateur Radio Operator 2020 KO4CHD

Henry County Citizens Fire Academy March 2012

City of Decatur, Georgia Citizens Police Academy October 2008

CIVIC INVOLVEMENT-PRESENT

Rotary-Stone Mountain Rotary Club

State of Georgia, Martin Luther King Jr. Advisory Council

Board of Directors Atlanta Young Adult Youth Chorus

Chairman of the Board of Directors-Kilimanjaro Information Technology College

Advisor US Embassy English/ESOL Access program Dar es Salaam, Tanzania

Faculty Advisor, M L King Jr. High School Alumni Association, Inc

Founder and Director of the African Young Women's Empowerment Foundation, Inc. .
(Stockbridge, GA) -Rescuing young African Girls from Gender violence/human trafficking,
providing scholarships for educational training and job placement

CIVIC INVOLVEMENT-PAST

North Bridge Crossing Subdivision Stockbridge HOA president 2017-2018

DeKalb County Sherriff's Office -Sheriff Thomas Brown,

Youth Coordinator for Dr Martin Luther King Jr High school

Auxiliary Police Officer- City of Chattanooga, TN 1971-1974

Murfreesboro, TN Civil Defense Officer 1974-1978

President- Dr. Martin Luther King Jr. High School PTSA

Board member, Mission Outreach to Africa, Inc.

Coordinator, Senator Emanuel D. Jones Institute for Civic Leadership

Co-chair Committee to Rename Snapfinger Road M. L. King Parkway

Board member, Edwards Foundation for Physical Disabilities, Inc.

Board Member, African American Philharmonic Orchestra
Board Member of Georgia TESOL
International Committee of the DeKalb Chamber of Commerce
Taste of Atlanta
Hispanic Chamber of Commerce
Lions Club
Committee member for the 2004 National Air and Space Teachers conference in Atlanta
Committee member for the 2003 Centennial of Flight Celebration Fernbank Museum
International Welcome Committee member for the 1996 Summer Olympic Games
Red Cross Disaster team /teacher trainer
Civil Air Patrol Government Relations/Aerospace Education
Civil Air Patrol Youth Programs

PROFESSIONAL MILITARY EDUCATION

United States Air Force Reserve/Auxiliary, Rank of Lt. Colonel

Georgia State Defense Force, Rank of Captain

2001 Squadron Leadership School

2001 Senior Officer Course

2002 Corporate Learning Course Georgia Wing

2002 Public Relations Course

2003 Unit Commanders Course

2003 Southeast Region Staff College

2004 National Staff College

2004 Air Force Air Command and Staff College

PUBLICATIONS

The Christian Educator 1973-1976 Monthly magazine for school parents

Reading Roundup 1974-1976 Bi-monthly magazine for Children

What Every Parent Should Know About Christian Education 1975 Nashville, TN: Thomas Nelson Publishers

Keys to Successful Year at M L King High School 2005 Lithonia, GA: MLK High School Press

Keys to a Successful Year at M L King Jr. High School 2012 Edition
Lithonia, GA: MLK High School Press

Daily Quotes for Student Success 2015 Atlanta, GA: Legacy Publishers

Everything You Need to Know to be Successful as a High School Freshman 2016 Atlanta, GA: Legacy Publishers

The Parable of the Teacher 2018 Atlanta, GA: Self Published

PRESENTATIONS

English Language Teacher Idea Exchange

Institute for Adult Education Teachers Exchange, June 2019 Tanzania

Plenary speaker, 10 Reasons Why I Love Teaching

Tanzanian English Language Teachers Conference June 2019

Strange Words in English Speaking

Zanzibar, Tanzania, English Language Teachers Conference June 2018

The Importance of Being bi-lingual in Today's World

Tanzania English Language Teachers Conference June 2017

Strategies for Teaching Reading Comprehension and Writing

Tanzanian English language Teachers Conference June 2017

ESOL Strategies for Teaching Reading Comprehension and new Vocabulary,

Kilimanjaro Information Technology College Teachers Conference Tanzania June 2016

Understanding America Culture in ESOL Teaching,

US Embassy American Corner Zanzibar, Tanzania July 2015

ESOL Reading Comprehension Strategies and Vocabulary Development,

Tanzanian Language Teachers Conference June 2014

ESOL Communicative Activities that Work,

Tanzania Language Teachers Conference June 2013

Using textbooks in ESOL and Reading Comprehension,

Tanzanian Military High Schools Language Conference June 2013

Understanding Idioms in ESOL Teaching

Tanzania Language Teachers Conference June 2012

Political Economy of Peru. Latin American Group,

University System of Georgia, Georgia Perimeter College, January 2008

English and the Changing World.

Perú TESOL Lima, Perú August 1993

Teaching American English Idioms,

Perú TESOL Lima, Perú August 1994

Developing Authentic Materials for Teaching ESOL

Peru TESOL August 1995

The Peru-Georgia TESOL Connection,

Georgia TESOL, Athens Georgia April 1995

How to Present New Language Items,
Peru TESOL August 1996
Teaching North American Culture,
Peru TESOL August 1997
Beginning Grammar Can Be Fun,
Peru TESOL August 1998
Peruvian politics and the Presidency,
Emory University 1998
How to Present New Language Items,
Peru TESOL August 1997
Understanding Peruvian Culture and Society,
Bell South Cultural Days April 1998
Understanding Hispanic Culture,
American Red Cross October 2002
Civic Leadership and the Political Process
Senator Emanuel Jones Institute for Civic Leadership December 2006
ESOL Reading Strategies That Develop Academic Writing Skills,
Georgia Perimeter College October 2007
Teaching English as a Second Language Teacher Training
Georgia Baptist ESOL Literacy Missions teacher training workshop Oct 2008 and 2009

AWARDS

2022 Rotary- "Show Rotary Cares" award

2021 United State House of Representatives Proclamation Commendation-Congressman
Hank Johnson

2021 Certificate of Congressional Recognition- Congressman Hank Johnson

2021 Georgia State Senate- Commendation Proclamation- Senator Emmanuel Jones

2022 Rotary- "Show Rotary Cares" award

2015 President Obama's Volunteer Service Award

2012 The Champion Newspaper Outstanding Community Person of the Week

2011 Governor's Advisory Council M L King Jr. Holiday Celebration

2011 Georgia State Senate Outstanding Teacher Proclamation

2009 Congressional Outstanding Teacher Commendation Award, Congressman Hank
Johnson

2006 Brewer Aerospace Education Award-Civil Air Patrol

2005 International Air Cadet Exchange Officer Award

2002 Presidential Fellow Leadership Award- Kennesaw State University

2002 Atlanta Braves Foundation Community Leader Award

2002 DeKalb County Government Outstanding Educator Proclamation

1997 Certificate of Commendation-DeKalb County Government

Flying Colonel-Delta Airlines

Kentucky Colonel Award

Order of St George Knighthood-England

Military Order of the Knights of Jerusalem

Georgia TESOL travel Award

Outstanding Citizen/Ambassador of Goodwill-State of Georgia
Medal of Merit, Republic of Peru
Outstanding Teacher-Peru TESOL
Honorary Professor ESOL -University of San Pedro, Peru
Honorary Professor ESOL -University of Orrego, Peru
Ambassador at Large-City of Cusco/Machu Pichu, Peru
Outstanding Visiting Teacher- Ministry of Education, Republic of Macedonia

PROFESSIONAL MEMBERSHIPS

Rotary International
DeKalb Association of Educators
Kappa Delta Pi International Honor Society in Education
Phi Delta Kappa
TESOL International
Georgia TESOL
Society for Intercultural Education, Training, and Research
National Association for Bilingual Education
Council for Exceptional Children

CIVIC INVOLVEMENT-PRESENT

Georgia Sheriff's Association
Rotary-Stone Mountain Rotary Club
State of Georgia, Martin Luther King Jr. Advisory Council
Board of Directors, Atlanta Young Adult Youth Chorus
President- Dr. Martin Luther King Jr. High School PTSA
Chairman of the Board of Directors-Kilimanjaro Information Technology College
Advisor US Embassy English/ESOL Access program Dar es Salaam, Tanzania
Faculty Advisor, M L King Jr. High School Alumni Association, Inc

CIVIC INVOLVEMENT-PAST

Board member, Mission Outreach to Africa, Inc.
Board member, Senator Emanuel D. Jones Institute for Civic Leadership
Co-chair Committee to Rename Snapfinger Road M. L. King Parkway
Board member, Edwards Foundation for Physical Disabilities, Inc.
Board Member, African American Philharmonic Orchestra
Board Member of Georgia TESOL
International Committee of the DeKalb Chamber of Commerce
Taste of Atlanta
Hispanic Chamber of Commerce

Lions Club

Rotary Club-Lima Peru

Committee member for the 2004 National Air and Space Teachers conference in Atlanta

Committee member for the 2003 Centennial of Flight Celebration Fernbank Museum

Red Cross Disaster team /teacher trainer

Civil Air Patrol Government Relations/Aerospace Education

Civil Air Patrol Youth Programs



Where Community Connects

4640 North Henry Blvd. Stockbridge, GA 30281

APPLICATION FOR BOARD, COMMITTEE OR COMMISSION APPOINTMENT

- Citizens provide a great insight and knowledge to City government. An avenue that the City of Stockbridge uses to get this insight is through the various Boards and Committees. The members of the Boards and Committees make decisions and submit recommendations to the City of Stockbridge Mayor and Council. Applicants complete a questionnaire that will assist the Mayor and Council in the review process in determining applicant eligibility requirements and qualifications for Board or Committee membership.

Questions to consider before applying for membership on a Board or Commission:

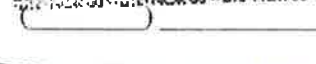
- Do I fully understand what this Board, Committee or Commission expects from me?
- Am I committed to the goals and mission of this Board, Committee or Commission?
- Can I afford the demands on my time, resources and energy?
- Will I attend meetings regularly, making them a priority for the duration of my appointment?
- Am I willing to perform a reasonable amount of work outside of regularly scheduled Board, Committee or Commission meetings and prepare for each meeting?
- Can I work effectively with the other members of the Board, Committee or Commission?
- Am I willing to participate in necessary Board, Committee or Commission training, education and development activities that will improve my effectiveness in my position?
- Am I willing to complete a Criminal Background Check upon selection?

APPLICANT INFORMATION

Applicant Name: Robert N Anderson

Occupation: Retired Employer: _____

Home Address:  City: Stockbridge Zip: 30281-3009

Home Phone:  Home E-Mail: 

Work Phone:  Work E-Mail: 

Cell Phone:  Preferred E-Mail: ☒ Home ☐ Work

Name and address:  own/operate, located within the city limits of Stockbridge (if applicable)

BOARD, COMMITTEE OR COMMISSION APPLICATION

Police Department Citizen-Police Advisory
Council

a) Which Board(s) or Commission(s) do you wish to be appointed to?

If applying for the Main Street Advisory Board, which position?
(See positions noted below)

b) How long have you been a resident or business owner/operator in the City of Stockbridge? ____ Years ____ Months
recently annexed into city

c) Are you current with all your financial obligations to the City of Stockbridge? ☒ Yes ☐ No

d) Are you willing and available to attend training sessions on-site and/or off-site if provided by the city? ☒ Yes ☐ No

e) Available Boards and Commissions and their terms and meeting schedules are listed at the end of this application.
Are you able to meet the attendance requirements of the position for which you are applying? ☒ Yes ☐ No

f) Do you know of any circumstances that would result in you having to abstain from voting on any action before the
Board or Commission? ☐ Yes ☒ No If yes, please explain:

g) Do you or your employer, or your spouse, child, relative or their employers, do business with the City of Stockbridge
☐ Yes ☒ No If yes, please explain:

h) Do you have any employment or contractual relationship with the City of Stockbridge that would create a continuing or
frequently recurring conflict regarding your participation on a Board or Commission? ☐ Yes ☒ No
If yes, please explain:

BOARD, COMMITTEE OR COMMISSION APPLICATION

- i) Please briefly explain your reasons for wishing to serve on the Board or Commission you select:

To assist in creating a climate of trust and unity between the citizens and the Stockbridge Police Department.

The members of the Citizen-Police Advisory Board should serve as counsel regarding community outreach and public perception of the Department's performance.

The Citizen-Police Advisory Board should not be a policy-making body; otherwise, the ability of the police executive to do his or her job will be compromised.

- j) Are you willing to be considered for appointment to any of the other Boards or Commissions of the City if a position is not available on the Board or Commission of your first choice? ☒ Yes ☐ No If yes, please list the Boards or Commissions for which you would like to be considered (in order of interest):

Main Street Advisory Board (resident)

Planning Commission

Downtown Development Authority

- k) Please attach a Resume of Qualifications for the Board position for which you are applying.

APPLICANT STATEMENT

I understand that I am applying for appointment to a Board, Committee or Commission office of the City of Stockbridge that the appointing authority may require an interview prior to consideration for appointment; that I will be required to take an oath of office to uphold the City's charter and ordinances; that I may be removed from office for any reason permitted by law or City charter; and that my application will remain on file for consideration for a period of six (6) months, after which time, I will need to file a new application. I always agree to comply with all requirements of the office for which I am applying and to which I may be appointed. All statements and information provided in this application are true to the best of my knowledge. I understand a Criminal Background Check will be completed if I am considered to go before the Mayor & Council prior to being appointed. Members who qualify for elected office shall be removed from the Board/Commission of which they serve.



Robert N. Anderson

12/08/2022

Signature

Printed Name

Date

Please return signed application to:

City Clerk
City of Stockbridge
4640 North Henry Blvd.
Stockbridge, Georgia 30281

Fax: 770.389.7912
Email: cityclerk@cityofstockbridge-ga.gov

ROBERT ANDERSON



OBJECTIVE

Having lived in the community for fifty-three years, I have considerable experience and knowledge of the issues that affect our citizenry. I lived within the city limits from 1969-1977, then from 1977 to the present, living on the edge of the city limits on Adrian Drive in Wildwood Estates.

I witnessed how the previous Police Department lost complete control of its purpose, oath, and ethics. I feel confident I can counsel the new Police Department regarding community outreach and perception. Keeping in mind that my counsel should not be a reach at oversight or policymaking.

EXPERIENCE

PARK RANGER AT GEORGIA STATE PARKS & HISTORIC SITES

MARCH 2013 - AUGUST 2014

LINEMAN / BUILDING MASTER MECHANIC / FRAME ATTENDANT AT BELLSOUTH

1986 - SEPTEMBER 1999

LINEMAN AT SOUTHERN BELL TELEPHONE & TELEGRAPH CO.

SEPTEMBER 1969 - 1986

EDUCATION

STUDIED BUSINESS MANAGEMENT AT CLAYTON STATE UNIVERSITY

1984 - 1985

GRADUATED FROM STOCKBRIDGE HIGH SCHOOL IN 1969

LEADERSHIP

Union Job Steward for the Communication Workers of America.

Served on the Board of Directors for the Stockbridge Athletic Association

Served on the Board of Directors for the Yellow River Football Conference

Served on the Board of Directors for the South Metro Youth Football League

Served as a Pack Leader for the Cub Scouts of America

Served as a Scoutmaster for the Boy Scouts of America



City of Stockbridge

AGENDA ITEM

MEETING DATE

January 31, 2023

FUNDING SOURCE

- ☐ RESOLUTION
- ☐ ORDINANCE
- ☐ CONTRACT APPROVAL/RENEWAL
- ☐ PUBLIC HEARING
- ☐ PRESENTATION
- ☐ BID SELECTION/AWARD
- ☐ TASK ORDER
- ☐ CHANGE ORDER
- ☐ BUDGET AMENDMENT
- ☐ BUDGET TRANSFER
- ☐ PAYMENT APPROVAL
- ☒ OTHER

- ☐ GENERAL FUND
- ☐ FUND BALANCE
- ☐ SPLOST
- ☐ TSPLOST
- ☐ CDBG
- ☐ GRANT FUNDING
- ☐ COUNCIL INITIATIVE
- ☐ PARTNER/SPONSOR
- ☐ DEPARTMENT BUDGET
- ☐ BONDING

ACCOUNT TRANSFER FROM:

ACCOUNT TRANSFER TO:

PRESENTER: Decius T. Aaron

DEPARTMENT: Public Works.

ITEM/PROJECT/EVENT:

Council discussion on the condition of East Atlanta Road, Mt Zion Parkway, Old Conyers Road, Spivey Road and Walt Stephens Road.

BACKGROUND INFORMATION:

Public Works staff has received multiple complaints concerning the condition of East Atlanta Road, Mt Zion Parkway, Old Conyers Road, Spivey Road and Walt Stephens Road. These roadways were previously maintained by Henry County under the former SDS.

SIGNATURES:

CITY MANAGER _____

CITY TREASURER _____

CITY ATTORNEY _____

☐ FINANCIAL IMPACT ☐ N/A

AMOUNT N/A

ATTACHMENTS:

Street	From Road	To Road	Miles	District
East Atlanta Road	LOVE STREET	CITY LIMIT SIGN	1.6	4
Mt. Zion Parkway	Brandsmart	CITY LIMIT SIGN	0.5	1
Old Conyers Road	EAST ATLANTA ROAD	MAYS ROAD (660 OLD CONYERS ROAD)	0.8	4
Spivey Road	HWY 138 W	CLAYTON COUNTY LINE	0.5	1
Walt Stephens Road	CLEMONS ROAD	FLIPPEN ROAD	2	1 & 3

TOTAL MILEAGE= 5.4