



Engineering Services Committee Meeting Commission Chamber - 3/10/2020

ATTENDANCE:

Present: Hons. M. Williams, Chairman; Hasan, Vice Chairman; Garrett, member.

Absent: Hons. Hardie Davis, Jr., Mayor; Frantom, member.

ENGINEERING SERVICES

1. Approve and authorize the Engineering Department (AED) to accept and receive Federal Financial Assistance through Section 319(h) Nonpoint Source Implication Grant Program, grant authorization permitting Augusta, GA's Approved Mayor to sign all documentation as requested by the AED. **Item Action:**

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

2. Approve supplemental funding (SA4) for Construction Phase of Design Engineering Consultant Agreement to Civil Services, Inc. in the amount of \$161,465.60 for 5th Street Bridge over the Savannah River (Bridge Repair and Restoration) as requested by AED. RFQ 16-247. **Item Action:**

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

3. Approve funding for Design Consultant Services Supplemental Agreement Two to Cranston Engineering Group, Inc. in the amount of \$72,640.00 for the James Brown Blvd. (9th Street) Improvement Project as requested by the AED. RFQ 16-246. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

4. Approve the continued funding of the current On-Call Field and Laboratory Testing for Soil and Construction Material, and Geotechnical Inspection and Investigation (CMT Geotech) Services contract in the amount of \$180,240 for James Brown Blvd. Improvements Project. Requested by AED. RFP 19-179. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

5. Approve and accept Section of Harper Franklin Ave. (from Jimmie Dyess Pkwy to its West 1761.46ft) and associated Improvements within road Right-of-Way into Augusta, Georgia Public Roadway System upon receipt of its certified Plat, Deed of Dedication, 18-month Road Maintenance Agreement and required other Legal Documentation as determined by Augusta Engineering Department and Augusta Legal Department. Requested by AED. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

6. Approve award of Lake Olmstead Dredging-Sediment Disposal Site Preparation Construction Services Phase 1 Contract in the amount of \$742,856.25 to Waterfront Property Services, LLC dba Gator Dredging in the amount as requested by the AED. RFP 20-121. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

7. Consider approving an Easement Deed of Dedication and a Release of Aeronautical Use Provisions for Daniel Field. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

8. Approve and authorize Budget Transfer as a Separate Line Item to Augusta Engineering Department (AED) FY2020 Operational Budget to pay for Georgia Municipal Association, Inc. (GMA) FY2020 Services for Telecommunication and Right-of-Way Management. Also, approve such line funding in AED subsequent years operational budgets to pay for yearly future payments to GMA for such services. Requested by AED. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

Approve the deeds of dedication, maintenance agreements, and road resolutions submitted by the Engineering Department and the Augusta Utilities Department for Granite Hill Subdivision, Section Four, Phase Two. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

10. Motion to approve the minutes of the Engineering Services Committee held on February 11, 2020. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

11. Motion to approve exercising the 3rd option to renew with Georgia-Carolina Paving to provide on-call asphalt and concrete repairs for Bid 16-224. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

12. Consider proposal from McKim & Creed to perform smoke and dye testing in the 2nd Street Lift Station Sanitary Sewer Collection Area. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
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Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes
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- 13.** Approve Supplemental Agreement Four for the Phinizy Center for Watershed Assessment & Inventory Project in amount of \$89,500 for the continue Watershed Geomorphic data collection and Monitoring System maintenance as requested by AED. RFQ 13-149. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

- 14.** Approve supplemental funding (SA1) for Engineering Phases of Design Consultant Services Agreement to Goodwyne, Mills & Cawood (GMC) in the amount of \$183,540.00 for the Telfair Street Improvements Project as requested by the AED. Award is contingent upon receipt of signed agreement. RFP 18-266. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes



Engineering Services Committee Meeting
3/10/2020 1:20 PM
Attendance 3/10/20

Department:

Presenter:

Caption:

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

**Funds are
Available in the
Following
Accounts:**

REVIEWED AND APPROVED BY:

APPENDIX A

SCOPE OF WORK

Section 319(h) FY2018Grant – Element 15

1. Project Title: Stormwater BMP Installation and Performance Comparison

2. Lead Organization: Augusta, GA (AKA Augusta-Richmond County)
535 Telfair Street, Bldg.4000
Augusta, GA 30901
706-796-5040

Primary Contact: Hameed Malik, Ph.D., P.E.
Assistant Director of Engineering
Augusta-Richmond County
535 Telfair Street, Bldg.4000
Augusta, GA 30901
706-796-5040
hmalik@augustaga.gov

Project Start Date: February 2020
Project End Date: March 31, 2023

Federal Amount Requested:	\$196,450
Match Amount to be Contributed:	<u>\$132,418</u>
Total Project Amount:	\$328,868

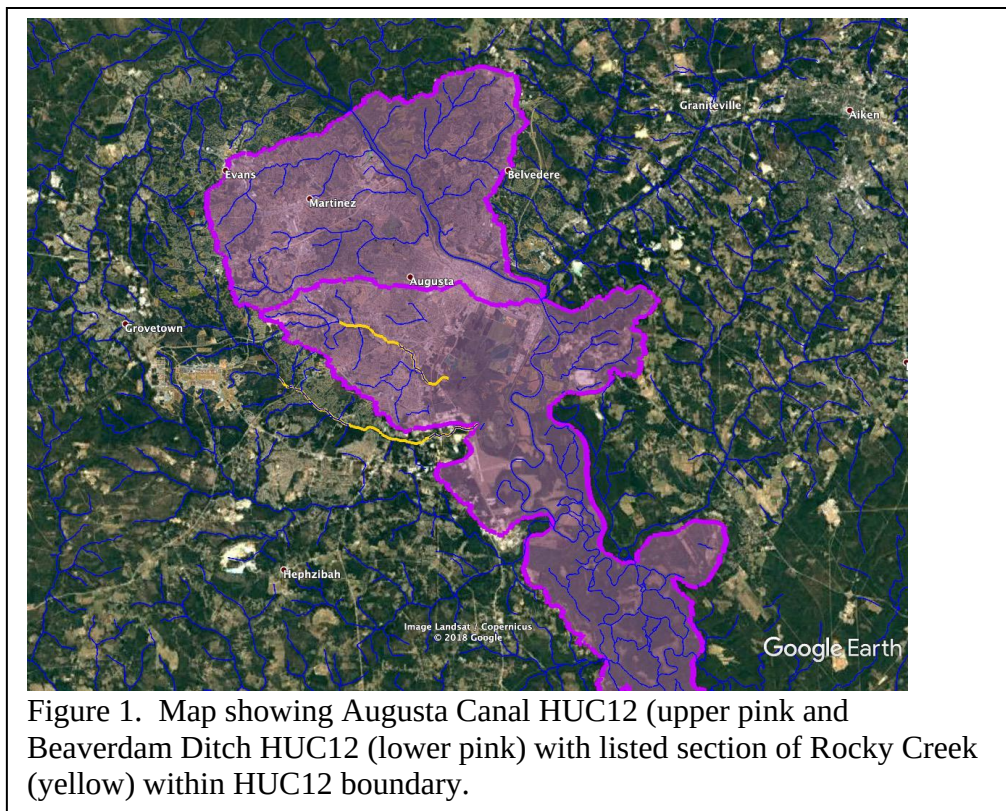
3. Project Goals:

The objective of this project is to compare the performances of stormwater BMPs to reduce adverse hydrologic and pollutant loading impacts from impervious surfaces. Performances of existing conventional BMPs will be compared to newly installed GI/LID BMPs at selected locations. Pre- and post-installation comparisons will focus on storm runoff capture and infiltration rates as well as sediment/fecal coliform transport to the impaired watersheds. Installed GI/LID BMPs will strive for reductions outlined in the Georgia Stormwater Management Manual and are estimated to result in higher load reductions than from the conventional BMPs.

4. Project Background:

This proposal implements a 2018 Nine-Element Watershed Management Plan (WMP) for the Augusta Canal (HUC-12 #030601060601) / Butler Creek (HUC-12 #030601060602) /

Beaverdam Ditch (HUC-12 #030601060607) Watersheds in the Savannah River Basin (Fig. 1). Most of Augusta's watersheds flow to the Augusta Canal and Phinizy Swamp, including Butler Creek, Rock Creek, Rocky Creek, Oates Creek, Rae's Creek and Reed Creek (Columbia County).



A six-mile segment of Rocky Creek (Headwaters to SR 56) is currently listed on Georgia's 2018 Integrated 305(b)/303(d) List of Waters as not supporting the designated use of fishing based on degraded aquatic insect (Bio M) and fish (Bio F) populations due to sediment loads. Another 2 miles of the creek (SR 56 to below New Savannah Road) are listed due to degraded Bio M and Bio F populations plus fecal coliform bacteria loads. In addition, the portion of the Savannah River that runs through Richmond County has been designated by the Savannah-Upper Ogeechee Regional Water Planning Council as a High Priority Species and Aquatic Community Stream (SUOWP, 2006; Section 3, p.12-13).

The Rocky Creek watershed has been heavily impacted by urban development (ARCCP, 2008; p. 136) with 78% of the watershed considered urban/residential land use, 16% of which is considered high density (GAEPD, 2015; Table 7). A Total Maximum Daily Load (TMDL) to address the Bio M and Bio F impairments was finalized in 2016. A TMDL established in 2000 and a TMDL Implementation Plan developed in 2002 address the fecal coliform impairment. The 2018 Nine-Element WMP identified the runoff from impervious surfaces alone topped 2,500 MPN/100 mL in *E. coli* loadings, which exceeds USEPA's standard for *E. coli* (410 cfu/100 mL for the statistical threshold value). In addition, stream sediment samples were higher in *E. coli* concentration than the overlying water, indicating

stream sediments likely serve as a reservoir for enteric bacteria. Since the bed material is mostly sand, much of Rocky Creek is subject to in-stream erosion. This means that fish and aquatic insect populations are vulnerable to sedimentation during increased flows due to stormwater runoff. Work proposed in this project builds upon these discoveries by addressing the volume of stormwater flow and transport of bacteria and sediment within the Rocky Creek watershed.

This project will address impervious surface/stormwater issues by installing GI/LID BMPs within the impaired Rocky Creek watershed where conventional stormwater practices already exist on-site. A comparison of BMP practices will be measured by, but not be limited to, the following: attenuation of stormwater volume and velocity and retention of bacteria/sediment. Each BMP will be fitted with instrumentation to develop an Arduino-based data collection platform (www.arduino.cc) (or equivalent) and with sensors to measure water quantity (e.g. rain gauges, ground and surface water level loggers, lysimeters, etc.) and water quality (e.g. temperature). Data from the instruments will be used to analyze pre/post testing metrics to compare effectiveness between conventional and GI/LID-based BMPs.

Study sites will include areas within the watershed that currently show signs of poorly performing conventional stormwater BMPs. Poorly performing BMPs will be tested and sampled as pre-condition, then replaced by GI/LID BMPs. An example of one such site is in the Chester Avenue residential zone, a neighborhood in the proximity of a former wetlands/floodplain prone to flooding during storm events due to overflowing stream banks from Rocky Creek and its tributaries. In addition, the location provides a unique setting for this project because of the available land for installing GI/LID BMPs and the presence of current conventional BMPs, which include catch basins and pipes as well as a large ditch that was installed to relieve flooding. Sandy soils along with the large available area provide many GI/LID options for this site. Other potential projects within this watershed include developing bioretention and/or rain gardens at some of the seven city-owned parks within this watershed (Henry Brigham Park, Elliot Park, Doughty Park, Fleming Sports Complex, Fleming Tennis Center, Apple Valley Park, Valley Park). Most of these sites have paved parking areas and buildings, some have curb-gutter-catch basins and pipes which lead to dry detention ponds. Proposed GI/LID projects for these sites would receive and retain/treat stormwater from impervious surfaces and rooftops in an effort to decrease water volume and pollutants reaching Rocky Creek above and beyond the current conventional systems.

High visibility projects bring attention to important issues and help educate the general public. Educational outreach to ~~Chester Avenue~~adjacent property owners and citizens that use the park facilities will include information on stormwater characteristics and management efforts at local site, neighborhood and regional landscape levels to harness and treat what is considered a valuable water resource. To that end, outcomes from this BMP installation project will be used to develop an educational tool (e.g. brochures, course modules, 3-D model) that will be made available to k-12 public school students throughout Augusta-Richmond County. In addition, ~~the Chester Avenue~~adjacent neighborhoods will receive updates on the BMP comparison project by mail (water/sewer bill inserts) and/or at appropriate events or meetings. The comparison of conventional and GI/LID BMPs will provide valuable discoveries that could also be expanded regionally.

5. Project Activities:

Project Activity: Project kickoff and a minimum of two team meetings on BMP selection and post-BMP monitoring.

Georgia's Statewide NPS Management Plan: 319 Grants, Key Stakeholders, Funding, p. 92: *Priority watershed management approach that promotes a high level of stakeholder involvement & uses the expertise & authority of multiple agencies.*

Task 1: Convene kickoff and a minimum of two meetings with partners in BMP installation (by phone or in person) for the remainder of the project

Deliverables:

- List of contacts, letters, emails, phone calls to potential partners
- Project summary document
- Invitations, agendas, emails, sign-in sheets, presentations

Measures of Success: Meeting attendance by at least three of the partnering organizations

Project Activity: Assess stormwater management strategies based on available options (Georgia Stormwater Management Manual or other approved design source) to determine which GI/LID BMPs will optimize the ecological and economic benefits.

Georgia's Statewide NPS Management Plan: Urban, p. 54: *Economics/Funding – Document and disseminate the costs and benefits of GI/LID practices and ensure that adequate resources are available for their implementation.*

Task 2: Determine best fit of GI/LID BMP type and size for selected sites based upon available space, soils, slope, and cost/benefit

Deliverables: GPS waypoints, cross-section survey, meeting & field notes, final BMP construction/ installation plan

Measures of Success: GI/LID BMPs will be prioritized for engineering design and placement

Task 3: Develop engineering/structural designs

Deliverables: Drawings and specifications for construction appropriate to GI/LID designs, local and state level land-disturbing activity permits

Measures of Success: Completion and approval by appropriate agency of final plans, drawings, and permits prior to construction

Project Activity: Conduct pre-BMP monitoring of existing conventional stormwater controls to compare with GI/LID to be installed.

Georgia's Statewide NPS Management Plan, Urban nonpoint source program-stormwater, short-term goal 1.1, p. 57 *Encourage and support performance monitoring of installed GI/LID practices in order to provide local-specific data on BMP cost, performance, and installation and maintenance requirements.*

Task 4: Finalize QA/QC pre-BMP Water Quality Monitoring Plan

Deliverables: Final plan document that includes parameters, GPS and map of selected sites, sampling schedule, field workers and certification/training, QA/QC methodology, chain of custody, etc.

Measures of success: GAEPD approval of QA/QC Monitoring Plan

Task 5: Collect and analyze pre-BMP water quality parameters (fecal coliform/E. coli, Total Suspended Solids (TSS), and nutrients) and water quantity parameters (rain gauges, groundwater levels, runoff volume) from conventional stormwater system components

Deliverables: Pictures of site installations, sample data, sample log, and analytical results

Measures of success: Samples and results collected on schedule

Project Activity: Install appropriate GI/LID BMPs based on available options (Georgia Stormwater Management Manual or other approved design source).

Georgia's Statewide NPS Management Plan, Urban, p. 54: *Economics/Funding – Document and disseminate the costs and benefits of GI/LID practices and ensure that adequate resources are available for their implementation.*

Task 6: Install GI/LID stormwater control structures according to Georgia Stormwater Management Manual or other approved design source

Deliverables: Construction contracts, receipts, photos

Measures of Success: Completion of GI/LID structural practice installations

Task 7: Provisions for Operations and Maintenance

Structural Best Management Practices (BMPs) shall be operated and maintained for the expected lifespan of the specific practice and in accordance with commonly accepted standards to ensure the proper functioning of the system as designed. Records of inspections and BMP maintenance shall be kept and shall be available for review upon request. This provision will survive the expiration of this contract.

Deliverables: None: Records of BMP inspections and maintenance kept on file with Contractor

Measures of Success: Properly functioning BMPs

Project Activity: Conduct post-BMP monitoring of newly installed GI/LID stormwater controls and compare data to pre-BMP measurements in final report.

Georgia's Statewide NPS Management Plan, Urban nonpoint source program-stormwater, short-term goal 1.1, p. 57 *Encourage and support performance monitoring of installed GI/LID practices in order to provide local-specific data on BMP cost, performance, and installation and maintenance requirements.*

Task 8: Finalize QA/QC post- BMP Water Quality Monitoring Plan

Deliverables: Final plan document that includes parameters, GPS and map of selected sites, sampling schedule, field workers and certification/training, QA/QC methodology, chain of custody, etc.

Measures of success: GAEPD approval of final QA/QC Monitoring Plan

Task 9: Install and collect post-BMP water quality parameters (fecal coliform/E. coli, Total Suspended Solids (TSS), and nutrients) and water quantity parameters (rain gauges, groundwater levels, runoff volume) from newly installed BMPs

Deliverables: Pictures of site installations; continuous water level, TSS, fecal coliform, E. coli, and nutrient data and analytical results

Measures of Success: 100% of devices installed and measuring post-BMP data

Project Activity: Educational outreach to demonstrate effectiveness of conventional BMPs compared to GI/LID BMPs.

Georgia's Statewide NPS Management Plan, 319 grants, Key Stakeholders, Funding, p. 92: *Priority watershed management approach that promotes a high level of stakeholder involvement & uses the expertise & authority of multiple agencies.*

Task 10: Introduce and update residents, patrons of county-owned park sites, and property-owners and businesses in other county-owned areas of Augusta-Richmond County within the Rocky Creek watershed to BMP comparison project by mail (water/sewer bill inserts) and/or at appropriate events or meetings

Deliverables:

- Water/sewer bill insert (brochure, Fact Sheet, flyer)
- Project summary documents and final reports on BMP installation and effectiveness comparison
- Invitations, agendas, emails, sign-in sheets, presentations
- Project updates on website

Measures of Success:

- Insert mailed to at least 75% of addresses in project areas
- Events or meetings attended by at least 10 property-owners, residents or business operators in project areas

Task 11: Identification of BMP Projects to give Augusta-Richmond County recognition

Deliverables: Provide the following notation on conspicuous educational signage at all BMP site locations:

"The preparation of this stormwater management project was financed in part through a grant from the U.S. Environmental Protection Agency under the Provisions of Section 319(h) of the Federal Water Pollution Control Act, as amended." – followed by the month and year the project was completed and giving credit to the Environmental Protection Division of the Department of Natural Resources, State of Georgia.

Measures of Success: Properly installed and worded signage at BMP sites

Task 12: Develop k-12 educational tool that demonstrates stormwater scenarios and compares BMP strategies, challenges and successes

Deliverables:

- Outline/framework of educational tool (target audiences, format/methods/components, adaptations, delivery/distribution)
- Final educational tool for k-12 students

Measures of Success: 100% completion of k-12 educational tool and strategy for delivery/distribution

Project Activity: Data analysis, load reduction estimates, and reporting on effectiveness of conventional BMP compared to GI/LID BMPs.

Georgia's Statewide NPS Management Plan, Urban nonpoint source program-stormwater, long-term goal 1- research, p. 57: *Remain informed on the rapidly growing body of research on the performance and effectiveness of GI/LID practices, as well as collect performance data from Georgia projects in a range a locations and applications in order to ensure the highest levels of effectiveness, ongoing.*

Task 13: Compare conventional and GI/LID structural practice conditions using pre- and post-BMP water quality and quantity data for E. coli/fecal coliform, TSS and nutrient retention and stormwater volume changes according to the approved sampling plans

Deliverables: Quality-controlled pre- and post-BMP data and analytical results (charts, statistics), final report of findings on BMP effectiveness comparison

Measures of Success: Comparison between conventional and GI/LID BMPs in fecal coliform and E. coli levels, TSS, nutrients and stormwater runoff volume

Task 14: Estimate pollutant load reductions (fecal coliform/E. coli, TSS, and nutrients) using data from comparison of conventional to GI/LID BMP installations

Deliverables: Load reduction estimates based on Region V, STEPL or other appropriate statistical data analyses/models to serve as a new data set for Georgia GI/LID practices

Measures of Success: Recorded pollutant load reductions from GI/LID BMPs within documented USEPA and/or GSMM range

Project Activity: Develop and submit reports to GAEPD.

Georgia's Statewide Nonpoint Source Management Plan: 319 Grants, Long Term Goal 13, p. 99 –*Effectively manage Section 319(h) grant funds.*

Task 15: Submit Quarterly Reports, including WBE/MBE reports, and invoices by the 15th of January, April and July of each year during the grant period.

Deliverables: Quarterly deliverables, monitoring data reports, invoices and supporting documentation reporting progress on project and using template provided by GAEPD.

Measures of Success: Timely submission of Quarterly Reports and invoices to GAEPD for inclusion in the USEPA Grants Reporting and Tracking System.

Task 16: Submit FFY Annual Report and Quarterly Invoice/Quarterly Report to GAEPD due October 15th of each year during the grant period.

Deliverables: One (1) FFY Annual Report that summarizes project activities from October 1st of the previous year to September 30th of the reporting year.

Measures of Success Timely submission of FFY Annual Report to GAEPD for inclusion in the USEPA Grants Reporting and Tracking System.

Task 17: Submit Final Invoice and Close-Out Report**Deliverables:** Final invoice & close-out report on entire program**Measures of Success:** Final Invoice and completed Close-Out Report delivered within 30 days of contract term**6. Roles and Responsibilities of Participating Organizations:**

Augusta-Richmond County's Engineering Department will oversee and participate in all aspects of the project. Augusta University or the Phinizy Center for Water Sciences will develop the k-12 educational tool. The Phinizy Center will conduct the pre- and post-BMP monitoring and provide technical assistance in all aspects of this project.

Organization Name	Specific Responsibilities
Augusta-Richmond County (Engineering Department)	• Execute grant contract with GAEPD • Contribute to and account for 40% of total project costs in matching funds or in-kind services • Subcontract for development of k-12 educational tool • Pay funds to appropriate subcontractor(s) and vendor(s) • Request reimbursements from GAEPD on a quarterly basis • Track the progress of project activities completed, grant funds expended, and match values provided in accordance with the project schedule • Oversee & participate in BMP design and installation • Participate in comparative analysis of BMP effectiveness • Participate in post-BMP monitoring • Complete and submit Quarterly progress reports and invoices by January 15th, April 15th and July 15th, and Fiscal Year Annual/Quarterly Report and invoice by October 15th of each project year • Complete & submit final invoice and close-out report at conclusion of project
GAEPD	• Provide 60% of total project costs • Review and approve project deliverables • Participate in meetings, as appropriate • Review and assist as needed with 319(h) Grant protocols • Provide project oversight and contract management • Provide monitoring guidance and training
Phinizy Center for Water Sciences <u>(and/or Augusta University)</u>	• Subcontract for technical assistance on BMP comparison project and educational outreach • Participate in BMP design and installation • Participate in analysis of BMP effectiveness • Participate in pre/post- BMP monitoring • Assist in quarterly report writing

7. Project Location:

Rocky Creek runs through and lies entirely within Richmond County. It is a tributary to Butler Creek, which flows into the Savannah River. Rocky Creek lies within the upper portion of the Beaverdam Ditch (HUC-12 #030601060607) watershed.

a) Project Area Description and Map:

Projects will be located in ~~the Chester Avenue~~-neighborhoods, county-owned park sites, and other county-owned areas of Augusta-Richmond County within the Rocky Creek watershed (Figure 2.).

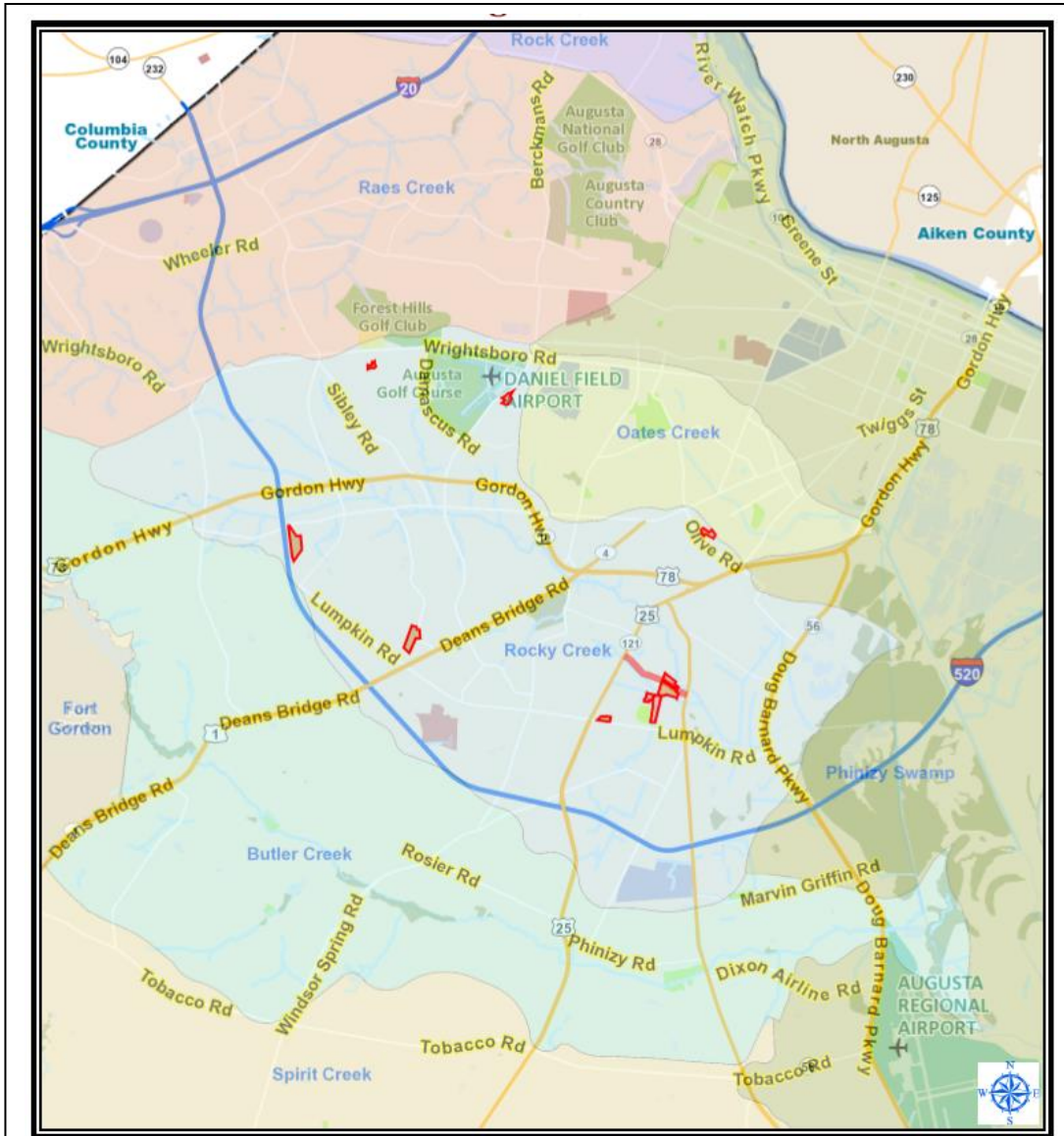


Figure 2. Rocky Creek watershed showing ~~Chester Avenue~~potential neighborhoods and county park locations (shown in red).

b) Project Area Size (Acres): 12,702 acres (Rocky Creek watershed size)

c) County or Counties: Richmond County

d) Land Uses within the Watershed(s) or Project Area (Percentages):

Agricultural	6%
Commercial Forestry	0%
Urban/Residential	78%
Mining/Extraction	1%
Forest/Natural Areas	13%
Water/Wetlands	2%
TOTAL	100%

Data Source & Date: Draft Total Maximum Daily Load Evaluation for Seven Stream Segments in the Savannah River Basin for Sediment, 2015

e) Hydrologic Unit Code(s), Watershed Name(s) and Priority Watershed(s):

HUC #: 030601060602 Name: Rocky Creek Priority: No

8. Nonpoint Source Pollution Impairments and Healthy Waters:

a) Section 305(b)/303(d) List of Waters:

Water Body Segment Name (Segment Length (Miles) or Embayment Acreage)	County Location(s)	Criterion Violated or Water Quality Concern (Healthy Water)	Listing Status Category 4a, 5 or 1
Rocky Creek (2 miles)	Richmond	Fecal Coliform Bio M, Bio F	4a 5
Rocky Creek (6 miles)	Richmond	Bio M, Bio F	5

9. Monitoring:

DRAFT QA/QC Water Quality Monitoring Plan (Attachment 2)

10. Project Budget:

Line Item	Line Item Description	319(h) Grant Funds (60% Maximum)	Non-Federal Matching Funds (40% Minimum)	Total
A	Personnel One (1) Staff Position - 0.035 FTE (\$130,650/year) for 3 years Description of Duties: City Project Management, Reporting (AED)	0	13,718	13,718
	One (1) Staff Position - 0.05 FTE (\$92,000/year) for 3 years Description of Duties: Assessment, Monitoring, and BMP approval (AED)	0	13,800	13,800
	One (1) Staff Position - 0.10 FTE (\$92,000/year) for 3 years Description of Duties: Administration and Project management (AED)	0	27,600	27,600
	One (1) Staff Position - 0.05 FTE (\$60,000/year) for 3 years Description of Duties: Sampling, Project management (AED)		9,000	9,000
	Sub Total:	0	64,118	64,118
B	Fringe Benefits for Four (4) Staff Positions - various FTE at 30% for 3 years	Included in A	Included in A	Included in A
	Sub Total:	Included in A	Included in A	Included in A
C	Travel: Purpose of Travel:	NA	NA	NA
	Sub Total:	NA	NA	NA
D	Equipment:	NA	NA	NA
	Sub Total:	NA	NA	NA

Line Item	Line Item Description	319(h) Grant Funds (60% Maximum)	Non-Federal Matching Funds (40% Minimum)	Total
E	Supplies Purpose/Use: measuring rainfall and ground/surface water levels & water quality in BMPs • Hobo water level loggers	3,600	2,400	6,000
	• E. coli testing supplies	900	600	1,500
	• Suspended s Sediment testing supplies	600	400	1,000
	• Rain gauges/ loggers (3)	4,320	2,880	7,200
	• Nutrient analysis	1,500	1,000	2,500
	Sub Total:	10,920	7,280	18,200
F	Contractual: Contractor Name: TBD Description of Duties: GI/LID BMP installation Number and Type of BMP: Mixed GI/LID (to be determined during Project Tasks 2-3)	145,000	35,000	180,000
	Contractor Name: Phinizy Center for Water Sciences Description of Duties: Assessment, monitoring, data analysis, reports, education tool	40,530	24,020	64,550
	Sub Total	185,530	59,020	244,550
G	Construction: (Does not apply to GAEPD Section 319(h) Grants)	N/A	N/A	N/A
H	Other: Signage	0	2,000	2,000
	Sub Total	0	2,000	2,000
I	Total Direct Charges: (Sum of A-H)	196,450	132,418	328,868
J	Indirect Charges: (100% eligible for reimbursement)			

Line Item	Line Item Description	319(h) Grant Funds (60% Maximum)	Non-Federal Matching Funds (40% Minimum)	Total
K	Total: (Sum of I and J)	196,450	132,418	328,868

Narrative Justification for Item Class Categories:

- **Personnel (A):**

(1) Director of Engineering, \$130,650/year, 0.035 FTE, \$13,718, 3 years

(1) Engineering Manager, - \$92,000/year, 0.05 FTE, \$13,800, 3 years

(1) Stormwater Manager, \$92,000/year, 0.10 FTE, \$27,600, 3 years

(1) MS4 Coordinator, \$60,000/year, 0.05 FTE, \$9,000, 3 years

Narrative Justification (A):

- Director of Engineering, Dr Hameed Malik (AED)- Description of Duties:
Dr Malik will provide budgetary oversight and participate in all aspects of project as needed.
- Engineering Manager, Walt Corbin (AED) - Description of Duties:
Mr. Corbin will approve BMP plans for Augusta-Richmond County and will participate in all aspects of project as needed.
- Stormwater Manager, Dr Oscar Flite (AED) - Description of Duties:
Dr. Flite will be responsible for overall project management for Augusta-Richmond County, including reporting to GAEPD, and participate in all aspects of the project.
- MS4 Coordinator, Russell Barnes (AED) - Description of Duties:
Mr. Barnes will assist in BMP monitoring and participate in all aspects of the project.

- **Fringe Benefits (B):** Included in A

Narrative Justification (B): NA

- **Travel (C):** NA

- **Equipment (D):** NA

- **Supplies (E):**

	Grant funds	Non Federal match	Total
water level loggers	3600	2400	6000
E. coli analyses	900	600	1500
Sediment testing	600	400	1000
rain gauges	4320	2880	7200
nutrient analyses	1500	1000	2500
	10920	7280	18200

Narrative Justification (E):

- Twenty water level loggers (Onset Hobo loggers)

These loggers will be used to continuously measure surface and ground water levels within the BMPs to track volume reductions, percolation and evapotranspiration rates. A logger will also be placed in Rocky Creek to allow for the development of a stage/discharge curve. Data will be used to measure BMP effectiveness

- *Three rain gauges and tipping buckets*

Rain gauges will include a Davis Instruments tipping bucket (or equivalent) connected to an Arduino microcontroller (or equivalent). The microcontroller will count the number of tips, calculate the rainfall rate and total rainfall from the tipping bucket, and transmit the data to central server that will house the data. A website will be developed to show the data in near-real time. Data will be used to measure BMP effectiveness.

- *Nutrient, TSS, E. coli/fecal coliform consumables and analysis*

While this project will focus on TSS and coliform impairment in Rocky Creek, nutrient concentrations will also be monitored within the BMPs and creek to assess removal efficiencies. Phinizy Center has the capability to run all analyses except fecal coliform, which will be analyzed by the Augusta Utilities Department.

- **Contractual (F):**

- Narrative Justification (F):**

- *Contractor: (TBD) BMP Construction*

This component includes all costs associated with construction of GI/LID BMPs. The BMPs and contractor will be chosen during Project Activity Tasks 2-3: BMP placement based upon site footprints, soils, slopes, current infrastructure (e.g. curbing, existing stormwater structures, etc.), and BMP installation. Once defined, the BMPs and contractor(s) will be selected.

Feasibility of this grant relative to construction cost estimates was based upon estimates provided in the following documents (implementation of GI/LID practices will be limited to the available funds outlined in this budget line item):

- *Cost sheet provided in the Green Values National Stormwater Management Calculator*

- https://greenvalues.cnt.org/national/cost_detail.php

- *Memorandum from Karen Mateleska, EPA Region-1: Methodology for developing cost estimates for Opti-Tool*

- <https://www3.epa.gov/region1/npdes/stormwater/ma/green-infrastructure-stormwater-bmp-cost-estimation.pdf>

- *Contractor: Phinizy Center for Water Sciences*

- (1) *Phinizy Research Manager– 0.1~~251~~ FTE (\$50,000/year) for 3 years*

Research manager will install and download samplers, collect and analyze water samples, and participate in all aspects of the project.

- (2) *Phinizy Researcher, TBD– 0.08 FTE (\$70,000/year) for 3 years*

This researcher will provide BMP design drawings to AED for approval and will participate in all aspects of the project.

- (3) *Phinizy Researcher, TBD– 0.03 FTE (\$100,000/year) for 3 years*

This researcher will provide support for the rain gauge network and participate in all aspects of the project.

(4) Phinizy Center Education Department (or Augusta University)- Lump sum amount of \$20,000

Phinizy's Education Department (or Augusta University) will develop the educational outreach components of the project

- **Construction (G): NA**
- **Other (H): BMP Identification Signage**
Narrative Justification (H): *Educational project signage will be posted at each installed BMP with appropriate description of project and recognition provided. Augusta Engineering Department has an in-house sign shop and will provide signage for all project sites at a cost of ~\$150 per sign (total of up to 13 signs).*
- **Indirect Charges (J): NA**
Narrative Justification (J): NA

11. Project Attachment(s):

Attachment 1: Augusta-Richmond County Nine-Element Watershed Management Plan for the Augusta Canal (HUC-12 #030601060601), Butler Creek (HUC-12 #030601060602) and Beaverdam Ditch (HUC-12 #030601060607) Watersheds in Savannah River Basin (July 2018)

Attachment 2: DRAFT QA/QC Water Quality Monitoring Plan

**Augusta Richmond County, Georgia
New Grant Proposal/Application**

Before a Department/agency may apply for the grant/award on behalf of Augusta Richmond County, they must first obtain approval signature from the Administrator and the Finance Director. The Administrator will obtain information on the grant program and requirements from the funding agency and review these for feasibility to determine if this grant/award will benefit Augusta Richmond County. The Finance Director will review the funding requirement to determine if the grant will fit within our budget structure and financial goals.

Date of Grant Request: October 28, 2015
Department Requesting Grant: Augsuta Engineering

Grant Description: Funds will be utilize to develop water quality BMPs program at school level to address stormwater quality and stream water quality [60/40 match – matching funds will comes from in-kind services and stormwater MS4 Program]

Grant Amount: \$627,201 Matching Funding Required Yes ☒ No ☐
Cash /In Kind \$Amount \$388,916
Source of Match AED/RCBOE Operation Funds (no additional funds requested)

Fiscal Year of Grant: FY2016 thr FY2019 [three years]
EEO Required? Yes ☐ No ☐ EEO Dept Notified? Yes ☐ No ☒

Assistant Director Engineering 706-796-5040
Program Administrator Contact phone #
[Signature] October 28, 2015
Department/Elected Official Signature Date

1.) I have reviewed the grant application and enclosed materials and:

- ☒ Find the grant/award to be feasible to the needs of Augusta Richmond County
☐ Deny the Request: _____

Donna Williams 11-3-15
Finance Director Date

*per discussion
w/ Dep Adm
T. Runchew
dbs
11-3-15*

2.) I have reviewed the grant application and enclosed materials and:

- ☒ Approve, the Department/Agency to move forward with the application
☐ Deny the Request: _____

[Signature] 11/3/15
Administrator Date

This form will also be used to provide the external auditors with information on all grants for compliance and certification requirements as required by the State and Federal Government.



Engineering Services Committee Meeting

3/10/2020 1:20 PM

**319(h) Nonpoint Source Implementation Grant_FY18 Stormwater BMP Installation and Performance
Comparison File Reference: 20 – 014(A)**

Department: Engineering

Presenter:

Caption: Approve and authorize the Engineering Department (AED) to accept and receive Federal Financial Assistance through Section 319(h) Nonpoint Source Implication Grant Program, grant authorization permitting Augusta, GA's Mayor to sign all documentation as requested by the AED.

Background: The Clean Water Act Section 319(h) Water Quality grant funds support activities to identify and implement projects for reduction of prioritized risks and concerns in the community such as source assessment and control of pollutant of interest load within state listed impaired water bodies. During 2016, Augusta Engineering Department in partnering with Phinizy Center for Water Sciences (PCWS) submitted two (2) separate applications to seek federal funds for various activities associated with surface water quality improvement program. BMP assessment grant targeted compare the performance of stormwater BMPs to reduce adverse hydrologic and pollutant loading from impervious surfaces. As a team, AED and PCWS staff will work together to install and manage various BMPs features, and monitor performance. This program will allow AED to optimize its MS4 NPDES stormwater Management Program.

Analysis: With increasing regulatory demand for stormwater point source pollutants load reduction in receiving waterbodies, the management of stormwater quantity and quality through regulatory permitting is taking a focal point. Three of Augusta creeks are listed as impaired waterbodies and do not support their designated use. The pollutant of concern is fecal coliform (FC) and sediment. Under MS4 stormwater management permitting program US Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) are requiring localities to develop and implement programs to

manage and reduce pollutants of concerns in impaired watersheds. AED will utilize this grant to support this program. AED will meet fund matching need by offering approximately 48% in-kind services such as staff time and balance by stormwater program funds.

Financial Impact: By accepting this grant, AED will receive \$196,450.00 in federal funds. AED will provide \$132,418.00 matching non-federal funds (i) in-kind = \$64,118 and (ii) \$68,300 from its stormwater services program.

Alternatives: 1). Do not approve and identify alternate funding source to complete BMPs performance assessment.

Recommendation: Approve and Authorize the Engineering Department (AED) to Accept and Receive Federal Financial Assistance through Section 319(h) Nonpoint Source Implication Grant Program, grant Authorization permitting Augusta, GA's Mayor to sign all documentation as requested by the AED.

Funds are Available in the Following Accounts: FUNDS ARE AVAILABLE IN THE FOLLOWING ACCOUNTS: \$64,118 in-kind; \$68,300 from SWU 581 044320 5213118

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.
Clerk of Commission**

CAPITAL PROJECT BUDGET
5th Street Bridge over the Savannah River (Bridge Repair and Restoration)
(Bid 19-291)

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby amended:

Section 1: The project is authorized to CPB #371-041110-T15041217. This request is to supplement the Construction Phase of Design consultant Services Agreement to Civil Services, Inc. in the amount of \$161,470 for the 5th Street Bridge over the Savannah River (Bridge Repair and Restoration).
Funding is available in the TIA project budget:

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

TIA Design	\$ 1,178,570
TIA Construction	\$ 8,000,000
GDOT Funds	\$ 1,000,000
TIA Discretionary	<u>\$ 1,500,000</u>
	\$ 11,678,570

Section 3: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Honorable Hardie Davis, Mayor

CAPITAL PROJECT BUDGET
5th Street Bridge over the Savannah River (Bridge Repair and Restoration)
(Bid 19-291)

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT</u> <u>CPB</u>	<u>CPB</u> <u>Addition</u>	<u>New</u> <u>CPB</u>
TIA Project 371-041110/5212115-T15041217	(\$200,920)	\$ (24,900.00)	(\$225,820)
TIA Project 371-041110/5212115-T15041217	(\$791,280)	\$ (161,470.00)	(\$952,750)
TIA Project 371-041110-T15041217		(\$8,000,000)	(\$8,000,000)
GDOT Funds		(\$1,000,000)	(\$1,000,000)
TIA Discretionary		(\$1,500,000)	(\$1,500,000)
TOTAL SOURCES:	(\$992,200)	(\$10,686,370)	(\$11,678,570)

USE OF FUNDS

ENGINEERING			
TIA Projects 371-041110-5414210/T15041217	\$992,200	\$24,900	\$1,017,100
TIA Projects 371-041110-5212115/T15041217		\$161,470	
TIA Project 371-041110-5414110-T15041217		\$8,000,000	\$8,000,000
GDOT Funds 371-041110-5414110		\$1,000,000	\$1,000,000
TIA Discretionary 371-041110-5414110		\$1,500,000	\$1,500,000
TOTAL USES:	\$992,200	\$ 10,686,370	\$11,678,570

**ENGINEERING DEPARTMENT
SUPPLEMENTAL AGREEMENT**

Augusta Richmond County Project Number(s):	371-041110-T15041217
GDOT Number (s):	RC07-001217 PI 0011418
Supplemental Agreement Number:	4
Purchase Order Number:	17ENG245

WHEREAS, We, **Civil Services, Inc.**, Consultant, entered into a contract with Augusta-Richmond County on March 7, 2017, for engineering design services associated with the improvements to **5th Street over Savannah River Bridge**, project RC07-001217, PI 0011418, File Reference No. 17-014 (A), and

WHEREAS, certain revisions to the design requested by Augusta-Richmond County are not covered by the scope of the original contract, we desire to submit the following Supplemental Agreement to-wit:

Additional Engineering Services to consist of per contractor request for field information, utility conflicts assessment & resolution, field engineering and attending construction progress meetings.

It is agreed that as a result of the above described modifications the contract amount is increased by **\$161,465.60** from **\$1,017,087.12** to a new total of **\$1,178,552.72**

Any modifications to submittal dates shall be as identified in the attached proposal. This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, **Civil Services, Inc.**, Consultant, hereby agree to said Supplemental Agreement consisting of the above mentioned item, and agree that this Supplemental Agreement is hereby made a part of the original contract to be performed under the specifications thereof, and that the original contract is in full force and effect, except insofar as it might be modified by this Supplemental Agreement.

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

Civil Services, Inc.

Hardie Davis, Mayor

Approved Date: _____

ATTEST:

Title:

Approved: Date:

[ATTACHED CORPORATE SEAL]

ATTEST:

Title:



Engineering Services Committee Meeting

3/10/2020 1:20 PM

**5th Street over the Savannah River-Bridge Repair and Restoration Engineering Services TIA Project
RC07-001217/PI#0011418 RFQ Item#16-247**

Department: Engineering

Presenter:

Caption: Approve supplemental funding (SA4) for Construction Phase of Design Engineering Consultant Agreement to Civil Services, Inc. in the amount of \$161,465.60 for 5th Street Bridge over the Savannah River (Bridge Repair and Restoration) as requested by AED. RFQ 16-247.

Background: The 5th Street Bridge over Savannah River (Bridge Repair and Restoration) is a project from the “Approved Investment List” of TIA that was approved by voters of the CSRA in the July 31, 2012 referendum. The 5th Street Bridge is a Band 2 project and is under construction. In March 2017, commission approved award of the design phases of the project to Civil Services, Inc. On December 17, 2019 Augusta Commission awarded the bridge repair and restoration construction bid to Superior Construction Company Southeast, LLC. Construction Phase of bridge improvements require design related coordination with utilities, resolution of constructability conflicts, review of contractor construction documents submittals, and request for field information that warrants design engineer services .

Analysis: In 2017, commission approved award of the design phases of the project to Civil Services, Inc. The project is now under construction. This supplemental agreement covers services during the construction phase for contractor request for field information, utility conflicts assessment & resolution, field engineering, and attending construction progress meetings.

Financial Impact: Funds are available in the amount of \$161,465.60 AED TIA Project Management fund.

Alternatives: 1). Do not approve and find alternative to complete the project and meet TIA project completion schedule

Recommendation: Approve supplemental funding (SA4) for Construction Phase of Design Engineering Consultant Agreement to Civil Services, Inc. in the amount of \$161,465.60 for 5th Street Bridge over the Savannah River (Bridge Repair and Restoration) as requested by AED.

Funds are Available in the Following Accounts: FUNDS ARE AVAILABLE IN THE FOLLOWING ACCOUNTS: AED TIA Project Management Funds (\$161,465.60) 371-041110-T15041217-52-12115

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**

**ENGINEERING DEPARTMENT
SUPPLEMENTAL AGREEMENT**

Augusta Richmond County Project Number(s):	371-041110-T15041218
GDOT Number (s):	RC07-001218 PI 0011419
Supplemental Agreement Number:	2
Purchase Order Number:	P360121

WHEREAS, We, **Cranston Engineering Group, Inc.** Consultant, entered into a contract with Augusta-Richmond County on August 7, 2018 for engineering design services associated with the improvements to **9th Street (James Brown Blvd.)**. Project RC07-001218, PI 0011419, File Reference No. 19-014 (T), and

WHEREAS, certain revisions to the design requested by Augusta-Richmond County are not covered by the scope of the original contract, we desire to submit the following Supplemental Agreement to-wit:

Additional Engineering Services for Design Consultants Services.

It is agreed that as a result of the above described modifications the contract amount is increased by **\$72,640.00** from **\$606,822.92** to a new total of **\$679,462.92**

Any modifications to submittal dates shall be as identified in the attached proposal. This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, **Cranston Engineering Group, Inc.** Consultant, hereby agree to said Supplemental Agreement consisting of the above mentioned item, and agree that this Supplemental Agreement is hereby made a part of the original contract to be performed under the specifications thereof, and that the original contract is in full force and effect, except insofar as it might be modified by this Supplemental Agreement.

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

Cranston Engineering Group, Inc.

Hardie Davis, Mayor

Approved Date: _____

ATTEST:

Title:

Approved: Date:
[ATTACHED CORPORATE SEAL]

ATTEST:

Title: _____

**CAPITAL PROJECT BUDGET
9th Street(James Brown Blvd.) Improvements
(RFP #19-292)**

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby amended:

Section 1: The project is authorized to CPB#371-041110-T15041218.
This request is for Supplemental Agreement Number Two to Cranston Engineering Group, Inc. in the amount of \$72,640.00 for the James Brown Blvd. (9th Street) Improvement Project.
Funding is available in the TIA project budget.

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

TIA Design	\$	576,923
TIA Funds	\$	7,900
TIA Discretionary	\$	22,000
TIA Funds	\$	3,386,198
TIA Funds	\$	72,640
	\$	<u>4,065,661</u>

Section 3: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Honorable Hardie Davis, Mayor

CAPITAL PROJECT BUDGET
9th Street(James Brown Blvd.) Improvements
(RFP #19-292)

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT</u> <u>CPB</u>	<u>CPB</u> <u>ADDITION</u>	<u>New</u> <u>CPB</u>
TIA Project 371-041110/5212115-T15041218	(\$3,971,021)	(\$72,640)	(\$4,043,661)
TIA Discretionary 235-041110/5212115-T19041026	(\$22,000)	\$ -	(\$22,000)
TOTAL SOURCES:	(\$3,993,021)	(\$72,640)	(\$4,065,661)

USE OF FUNDS

ENGINEERING 371-041110-5414210/T15041218	\$3,971,021	\$72,640	\$4,043,661
TIA Discretionary 235-041110/5212115-T19041026	\$22,000	\$0	\$22,000
TOTAL USES:	\$3,993,021	\$72,640	\$4,065,661



CRANSTON
ENGINEERING

ENGINEERS - PLANNERS - SURVEYORS

452 Ellis Street Augusta, Georgia 30901
PO Box 2546 Augusta, Georgia 30903
706.722.1588
CranstonEngineering.com

February 25, 2019

Mrs. June Hamal, P.E.
Project Manager
Augusta Engineering Department
City of Augusta, Georgia
452 Walker Street
Augusta, Georgia 30901

Re: 9th Street (James Brown Blvd) Improvements
P.I. No.: # 0011419 TIA #: RC07—001218
Supplemental Agreement #2
Our File No.: 2016-0160

Dear Mrs. Hamal:

As we have previously discussed, we are submitting a supplemental agreement to our contract now that the project has been let and is moving into the construction phase. Our original scope of work included a scope for construction phase services, but it was requested to be removed prior to the construction beginning. Please find the revised scope of work listed below along with the respective fees.

SCOPE OF WORK

The Cranston design team will provide the following construction engineering services for the 9th Street Improvements project: we will attend the pre-construction meeting to discuss all relevant project information with the contractor, we will review all submittals and answer requests for information (RFI), we will provide on-call field conflict resolution and answer survey questions. It is assumed that Cranston will spend an average of 8 hours per week. We have included time each month to attend a construction status meeting or to regularly coordinate with the construction manager to be aware of the construction progress and help reduce the response times for contractor questions or field conflicts. These services will coincide with the 15-month duration of the construction contract and will terminate on July 31, 2021 or upon project closeout, whichever occurs first.

Should there be a need for significantly more time than this, additional fees can be negotiated. These additional services would be a result of extensive field observation and inspections, extensive contractor coordination, and/or project time extensions.

Mrs. June Hamal, P.E.
February 25, 2020
Page 2 of 2

FEE PROPOSAL – 9th Street (James Brown Blvd) Improvements ADDENDUM #2

Construction Phase Services

\$ 72,640.00

As stated in the original proposal, we will submit monthly invoices for the work completed to date. We appreciate the continued opportunity of working with the City of Augusta Engineering Department on this project. Should you have any questions or concerns, please do not hesitate to contact us at your convenience.

Sincerely,

CRANSTON ENGINEERING GROUP, P.C.

A handwritten signature in blue ink, appearing to read 'D. Mills', is positioned above the printed name and title.

David C. Mills, P.E.
Project Manager

DCM/dcm

ACCEPTED:

CITY OF AUGUSTA ENGINEERING DEPARTMENT

BY: _____

TITLE: _____

DATE: _____



Engineering Services Committee Meeting

3/10/2020 1:20 PM

**9th Street (James Brown Blvd.) Improvements Design Services for Reconstruction TIA Project
Number: RC07-001218 / PI#0013703**

Department: Engineering

Presenter:

Caption: Approve funding for Design Consultant Services Supplemental Agreement Two to Cranston Engineering Group, Inc. in the amount of \$72,640.00 for the James Brown Blvd. (9th Street) Improvement Project as requested by the AED. RFQ 16-246.

Background: The 9th Street (James Brown Blvd.) Improvements is a project from the “Approved Investment List” of TIA that was approved by voters of the CSRA in the July 31, 2012 referendum. The 9th Street is a Band 2 project and TIA funds are allocated for design & construction. In 2018, the Augusta Commission approved award of design phases of the project to Cranston Engineering. On December 17, 2019 Augusta Commission awarded the road construction bid to E.R. Snell Contractor, Inc. Construction Phase of roadway and drainage improvements require design related coordination with utilities, resolution of constructability conflicts, review of contractor construction documents submittals, and request for field information that warrants design engineer services .

Analysis: In 2018, commission approved award of design phases of the project to Cranston Engineering. The project is now under construction. This supplemental agreement covers services during the construction phase for contractor request for field information, utility conflicts assessment & resolution, field engineering, and attending construction progress meetings.

Financial Impact: Funds are available in Project TIA funds.

Alternatives: Do not approve and find alternative to complete the project and meet TIA project completion schedule.

Recommendation: Approve funding for Design Consultant Services Supplemental Agreement two to Cranston Engineering Group, Inc. in the amount of \$72,640.00 for the James Brown Blvd. (9th Street) Improvement Project as requested by the AED.

**Funds are
Available in the
Following
Accounts:**

Project TIA Funds: 371-041110-T15041218-52-12115

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**

CAPITAL PROJECT BUDGET
On-Call Construction Management, Construction Inspection, and
Field Engineering Services (Bid 19-179)

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby amended:

Section 1: The project is authorize to CPB# N/A. This request is to continue funding of the current On-Call Field and Laboratory Testing for Soil and Construction Material, and Geotechnical Inspection, Field Engineering Services Consulting Agreement in the amount of \$180,240 for the James Brown Blvd Improvements project. Funding is available in project TIA Funds.

Section 2: The following revenues are anticipated to available to the Consolidated Government to complete the project.

TIA DISCRETIONARY FUNDS	\$	500,000
TIA FUNDS	\$	180,240
	\$	<u>680,240</u>

Section 3: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Hardie Davis, Jr., Mayor

Original-Commission Council Office
Copy-Engineering Department
Copy-Finance Department
Copy-Procurement Department

CAPITAL PROJECT BUDGET
On-Call Construction Management, Construction Inspection, and
Field Engineering Services (Bid 19-179)

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT</u> <u>CPB</u>	<u>ADDITION</u> <u>REQUEST</u>	<u>CPB AMOUNT</u>
TIA Discretionary	(\$500,000)		(\$500,000)
TIA Funds 371-041110-T15041218	(\$180,240)		(\$180,240)
TOTAL SOURCES:	(\$680,240)	\$0	(\$680,240)
 <u>USE OF FUNDS</u>			
TIA Discretionary	\$500,000		\$500,000
TIA Funds 371-041110-T15041218	\$180,240		\$180,240
TOTAL USES:	\$680,240	\$0	\$680,240

Request for Proposal

Request for Proposals will be received at this office until **Friday, March 22, 2019 @ 11:00 a.m.** for furnishing:

RFP Item #19-179 On-Call Construction Material Inspection and Testing, Construction Monitoring and Quality Assurance/Quality Control and Geotechnical Inspections and Investigations for the Augusta, GA - Engineering Department

RFPs will be received by: The Augusta Commission hereinafter referred to as the OWNER at the offices of:

Geri A. Sams, Director
Augusta Procurement Department
535 Telfair Street - Room 605
Augusta, Georgia 30901

RFP documents may be viewed on the Augusta Georgia web site under the Procurement Department **ARCbid**. RFP documents may be obtained at the office of the Augusta, GA Procurement Department, 535 Telfair Street – Room 605, Augusta, GA 30901.

All questions must be submitted in writing by fax to 706 821-2811 or by email to procbidandcontract@augustaga.gov to the office of the Procurement Department by Friday, March 8, 2019 @ 5:00 P.M. No RFP will be accepted by fax, all must be received by mail or hand delivered.

No RFP may be withdrawn for a period of ninety (90) days after bids have been opened, pending the execution of contract with the successful bidder(s). **A 100% performance bond and a 100% payment bond will be required for award.**

Request for proposals (RFP) and specifications. An RFP shall be issued by the Procurement Office and shall include specifications prepared in accordance with Article 4 (Product Specifications), and all contractual terms and conditions, applicable to the procurement. **All specific requirements contained in the request for proposal including, but not limited to, the number of copies needed, the timing of the submission, the required financial data, and any other requirements designated by the Procurement Department are considered material conditions of the bid which are not waivable or modifiable by the Procurement Director.** All requests to waive or modify any such material condition shall be submitted through the Procurement Director to the appropriate committee of the Augusta, Georgia Commission for approval by the Augusta, Georgia Commission. Please mark RFP number on the outside of the envelope.

Proponents are cautioned that acquisition of RFP documents through any source other than the office of the Procurement Department is not advisable. Acquisition of RFP documents from unauthorized sources places the proponent at the risk of receiving incomplete or inaccurate information upon which to base their qualifications.

Correspondence must be submitted via mail, fax or email as follows:

**Augusta Procurement Department
Attn: Geri A. Sams, Director of Procurement
535 Telfair Street, Room 605
Augusta, GA 30901
Fax: 706-821-2811 or Email: procbidandcontract@augustaga.gov**

GERI A. SAMS, Procurement Director

Publish:

Augusta Chronicle February 14, 21, 28, March 7, 2019
Metro Courier February 14, 2019



**RFP 19-179 On-Call Construction Material Inspection and Testing,
Construction Monitoring and Quality Assurance/Quality Control and
Geotechnical Inspections and Investigations
for Augusta, GA – Engineering Department
RFP Due: Friday, March 29, 2019 @ 11:00 a.m.**

Total Number Specifications Mailed Out: 10
Total Number Specifications Download (Demandstar): 8
Total Electronic Notifications (Demandstar): 125
Georgia Procurement Registry: 448
Mandatory Pre-Qualifications Conference Attendees: N/A
Total Number Mailed to Local Vendors: 3
Total packages submitted: 9
Total Noncompliant: 0

VENDORS	Attachment "B"	E-Verify	Save Form	Addendum 1	Fee Proposal	Original	7 Copies
CSRA TESTING & ENGINEERING 1005 EMMETT STREET, SUITE A AUGUSTA, GA 30904	Yes	138689	Yes	Yes	Yes	Yes	Yes
NOVA ENGINEERING 3900 KENNESAW 75 PKWY SUITE 100 KENNESAW, GA 30144	Yes	124398	Yes	Yes	Yes	Yes	Yes
MC SQUARED INC 1275 SHILOH RD NW SUITE 2620 KENNESAW, GA 30144	Yes	228126	Yes	Yes	Yes	Yes	Yes
WOOD 2677 BUFORD HWY ATLANTA, GA 30324	Yes	44372	Yes	Yes	Yes	Yes	Yes
ATC 1453 GREENE STREET AUGUSTA, GA 30901	Yes	46692	Yes	Yes	Yes	Yes	Yes
GMC 1450 GREENE STREET, SUITE 505 AUGUSTA, GA 30901	Yes	425070	Yes	Yes	Yes	Yes	Yes
MATRIX ENGINEERING 3459 WRIGHTSBORO RD, SUITE B AUGUSTA, GA 30909	Yes	46339	Yes	Yes	Yes	Yes	Yes
S & ME 1527 CRESCENT DRIVE AUGUSTA, GA 30909	Yes	53285	Yes	Yes	Yes	Yes	Yes
EMC ENGINEERING 4424 COLUMBIA RD, SUITE B MARTINEZ, GA 30907	Yes	324715	Yes	Yes	Yes	Yes	Yes



RFP 19-179 On-Call Construction Material Inspection and Testing, Construction Monitoring and Quality Assurance/Quality Control and Geotechnical Inspections and Investigations
for Augusta, GA – Engineering Department
Evaluation Meeting: Friday, May 3, 2019 @ 10:00 a.m.

Vendors			CSRA TESTING & ENGINEERING 1005 EMMETT STREET, SUITE A AUGUSTA, GA 30904	NOVA ENGINEERING 3900 KENNESAW 75 PKWY SUITE 100 KENNESAW, GA 30144	MC SQUARED INC 1275 SHILOH RD NW SUITE 2620 KENNESAW, GA 30144	WOOD 2677 BUFORD HWY ATLANTA, GA 30324	ATC 1453 GREENE STREET AUGUSTA, GA 30901	GMC 1450 GREENE STREET, SUITE 505 AUGUSTA, GA 30901	MATRIX ENGINEERING 3459 WRIGHTSBORO RD, SUITE B AUGUSTA, GA	S & ME 1527 CRESCENT DRIVE AUGUSTA, GA 30909	EMC ENGINEERING 4424 COLUMBIA RD, SUITE B MARTINEZ, GA 30907	CSRA TESTING & ENGINEERING 1005 EMMETT STREET, SUITE A AUGUSTA, GA 30904	NOVA ENGINEERING 3900 KENNESAW 75 PKWY SUITE 100 KENNESAW, GA 30144	MC SQUARED INC 1275 SHILOH RD NW SUITE 2620 KENNESAW, GA 30144	WOOD 2677 BUFORD HWY ATLANTA, GA 30324	ATC 1453 GREENE STREET AUGUSTA, GA 30901	GMC 1450 GREENE STREET, SUITE 505 AUGUSTA, GA 30901	MATRIX ENGINEERING 3459 WRIGHTSBORO RD, SUITE B AUGUSTA, GA 30909	S & ME 1527 CRESCENT DRIVE AUGUSTA, GA 30909	EMC ENGINEERING 4424 COLUMBIA RD, SUITE B MARTINEZ, GA 30907
Phase 1			Ranking of 0-5	Ranking of 0-5	Ranking of 0-5	Ranking of 0-5	Ranking of 0-5	Ranking of 0-5	Ranking of 0-5	Ranking of 0-5	Ranking of 0-5	Weighted Scores	Weighted Scores	Weighted Scores	Weighted Scores	Weighted Scores	Weighted Scores	Weighted Scores	Weighted Scores	Weighted Scores
Evaluation Criteria	Ranking	Points	Scale 0 (Low) to 5 (High)	Scale 0 (Low) to 5 (High)	Scale 0 (Low) to 5 (High)	Scale 0 (Low) to 5 (High)	Scale 0 (Low) to 5 (High)	Scale 0 (Low) to 5 (High)	Scale 0 (Low) to 5 (High)	Scale 0 (Low) to 5 (High)	Scale 0 (Low) to 5 (High)									
1. Completeness of Response • Package submitted by the deadline • Package is complete (includes requested information as required per this solicitation) • Attachment B is complete, signed and notarized	N/A	Pass/Fail	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
2. Qualifications & Experience	(0-5)	10	3.0	5.0	5.0	5.0	5.0	4.0	5.0	4.0	2.5	30.0	50.0	50.0	50.0	50.0	40.0	50.0	40.0	25.0
3. Organization & Approach	(0-5)	10	3.0	4.0	5.0	5.0	5.0	3.0	5.0	4.0	2.5	30.0	40.0	50.0	50.0	50.0	30.0	50.0	40.0	25.0
Scope of Services 1. Qualifications of key Professionals that will be assigned to inspection and testing and other listed tasks 2. Specific relevant experience of your company (specific to soil and material testing to local & state entities)	(0-5)	30	2.3	3.8	5.0	4.0	4.3	3.5	5.0	3.0	2.3	67.5	112.5	150.0	120.0	127.5	105.0	150.0	90.0	67.5
5. Schedule of Work	(0-5)	5	3.0	3.0	5.0	3.0	5.0	3.0	5.0	4.0	3.0	15.0	15.0	25.0	15.0	25.0	15.0	25.0	20.0	15.0
6. References	(0-5)	10	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
7. Proximity to Area (only choose 1 line according to location of the company - enter the ranking value for the one line only)																				
Within Richmond County	5	10	5				5	5	5	5		50.0	0.0	0.0	0.0	50.0	50.0	50.0	50.0	0.0
Within CSRA	5	6									5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
Within Georgia	5	4		5	5	5						0.0	20.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0
Within SE United States (includes AL, TN, NC, SC, FL)	5	2										0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
• All Others	5	1										0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Phase 1 Total - (Total Maximum Ranking 30 - Maximum Weighted Total Possible 375)			21.25	25.75	30	27	29.25	23.5	30	25	20.25	242.5	287.5	345.0	305.0	352.5	290.0	375.0	290.0	212.5
Phase 2 (Option - Numbers 8-9) (Vendors May Not Receive Less Than a 3 Ranking in Any Category to be Considered for Award)																				
8. Presentation by Team	(0-5)	10										0	0	0	0	0	0	0	0	0
9 Q&A Response to Panel Questions	(0-5)	5										0	0	0	0	0	0	0	0	0
10. Cost/Fee Proposal Consideration (only choose 1 line according to dollar value of the proposal in relation to all fee proposals - enter the point value for the one line only)																				
Lowest Fees	5	10							5			0	0	0	0	0	0	50	0	0
Second	5	6				5						0	0	0	30	0	0	0	0	0
Third	5	4						5				0	0	0	0	0	20	0	0	0
Forth	5	2					5					0	0	0	0	10	0	0	0	0
Fifth	5	1			5							0	0	5	0	0	0	0	0	0
Total Phase 2 - (Total Maximum Ranking 35 - Maximum Weighted Total Possible 125)					5	5	5	5	5	0	0	0	0	5	30	10	20	50	0	0
Total (Total Possible Score 500) Total (May not Receive Less Than a 3 Ranking in Any Category to be Considered for Award)																				
Total Cumulative Score (Maximum point is 500)			21.25	25.75	35	32	34.25	28.5	35	25	20.25	242.5	287.5	350.0	335.0	362.5	310.0	425.0	290.0	212.5
Internal Use Only																				
Evaluator: __Cumulative _____ Date: _____5/3/19_____																				
Procurement Department Representative: _____Nancy Williams_____																				
Procurement Department Completion Date: _____5/3/19_____																				



ENGINEERING DEPARTMENT

Hameed Malik, Ph.D., P.E., Director

MEMORANDUM

TO: Ms Geri Sams, Director - Procurement

FROM:  Hameed Malik, Ph.D., PE, Director of Engineering

DATE: Wednesday, May 08, 2019

SUBJECT: On-Call Construction Material Inspection and Testing, Construction Monitoring and Quality Assurance/ Quality Control, and Geotechnical Inspections and Investigations
RFP 19-179
File Reference: 19-014(A)

Ms. Sams, it is recommendation of Augusta Engineering Department (AED) to award the "On-Call Construction Material Inspection and Testing, Construction Monitoring and Quality Assurance/ Quality Control, and Geotechnical Inspections and Investigations" RFP 19-179 to following three firms subject to Fee Negotiation. In addition, AED requests entering into fee negotiations.

- i) ATC Group Services LLC
- ii) Matrix Engineering Group, Inc.
- iii) Mc Squared, Inc.

Should you require additional information, please do not hesitate to contact me at (706)796-5040.

Thank you.

ALL/

Attachments(s)

cc: Nancy Williams, Augusta Procurement Department
Phyllis Johnson, Augusta Procurement Department
Augusta DBE office
Lewis Avery, CPA, CMA- AD Engineering Finance & Administration
Anthony Taylor, AED Construction Manager
June Hamal & Marques Jacobs, AED Project Engineers
Valerie Jenkins, AED Accounting Manager
File

FYI: Process Regarding Request for Proposals

Sec. 1-10-51. Request for proposals.

Request for proposals shall be handled in the same manner as the bid process as described above for solicitation and awarding of contracts for goods or services with the following exceptions:

- (a) Only the names of the vendors making offers shall be disclosed at the proposal opening.
- (b) Content of the proposals submitted by competing persons shall not be disclosed during the process of the negotiations.
- (c) Proposals shall be open for public inspection only after the award is made.
- (d) Proprietary or confidential information, marked as such in each proposal, shall not be disclosed without the written consent of the offeror.
- (e) Discussions may be conducted with responsible persons submitting a proposal determined to have a reasonable chance of being selected for the award. These discussions may be held for the purpose of clarification to assure a full understanding of the solicitation requirement and responsiveness thereto.
- (f) Revisions may be permitted after submissions and prior to award for the purpose of obtaining the best and final offers.
- (g) In conducting discussions with the persons submitting the proposals, there shall be no disclosure of any information derived from the other persons submitting proposals.

Sec. 1-10-52. Sealed proposals.

- (a) *Conditions for use.* The competitive sealed proposals method may be utilized when the Augusta, Georgia Administrator approves the written justification of the Procurement Director or using agency head that the sealed bid method is not in the best interest of Augusta, Georgia. Generally, this method may be used when competitive sealed bidding (involving the preparation of detailed and specific specifications) is either not practicable or not advantageous to Augusta, Georgia. Augusta, Georgia is not restricted from using alternative procurement methods for obtaining the best value on any procurement, such as Construction Management at Risk, Design/Build, etc.
- (b) *Request for proposals.* Competitive sealed proposals shall be solicited through a request for proposals (RFP).

- (c) *Public notice.* Adequate public notice of the request for proposals shall be given in the same manner as provided in section 1-10- 50(c)(Public Notice and Bidder's List); provided the normal period of time between notice and receipt of proposals minimally shall be fifteen (15) calendar days.
- (d) *Pre-proposal conference.* A pre-proposal conference may be scheduled at least five (5) days prior to the date set for receipt of proposals, and notice shall be handled in a manner similar to section 1-10-50(c)-Public Notice and Bidder's List. No information provided at such pre-proposal conference shall be binding upon Augusta, Georgia unless provided in writing to all offerors.
- (e) *Receipt of proposals.* Proposals will be received at the time and place designated in the request for proposals, complete with bidder qualification and technical information. No late proposals shall be accepted. Price information shall be separated from the proposal in a sealed envelope and opened only after the proposals have been reviewed and ranked.

The names of the offerors will be identified at the proposal acceptance; however, no proposal will be handled so as to permit disclosure of the detailed contents of the response until after award of contract. A record of all responses shall be prepared and maintained for the files and audit purposes.

- (f) *Public inspection.* The responses will be open for public inspection only after contract award. Proprietary or confidential information marked as such in each proposal will not be disclosed without written consent of the offeror.
- (g) *Evaluation and selection.* The request for proposals shall state the relative importance of price and other evaluation factors that will be used in the context of proposal evaluation and contract award. (Pricing proposals will not be opened until the proposals have been reviewed and ranked). Such evaluation factors may include, but not be limited to:
 - (1) The ability, capacity, and skill of the offeror to perform the contract or provide the services required;
 - (2) The capability of the offeror to perform the contract or provide the service promptly or within the time specified, without delay or interference;
 - (3) The character, integrity, reputation, judgment, experience, and efficiency of the offeror;
 - (4) The quality of performance on previous contracts;
 - (5) The previous and existing compliance by the offeror with laws and

ordinances relating to the contract or services;

- (6) The sufficiency of the financial resources of the offeror relating to his ability to perform the contract;
 - (7) The quality, availability, and adaptability of the supplies or services to the particular use required; and
 - (8) Price.
- (h) *Selection committee.* A selection committee, minimally consisting of representatives of the procurement office, the using agency, and the Administrator's office or his designee shall convene for the purpose of evaluating the proposals.
- (i) *Preliminary negotiations.* Discussions with the offerors and technical revisions to the proposals may occur. Discussions may be conducted with the responsible offerors who submit proposals for the purpose of clarification and to assure full understanding of, and conformance to, the solicitation requirements. Offerors shall be accorded fair and equal treatment with respect to any opportunity for discussions and revision of proposals and such revisions may be permitted after submission and prior to award for the purpose of obtaining best and final offers. In conducting discussions, there shall be no disclosure of information derived from proposals submitted by competing offerors.
- (j) From the date proposals are received by the Procurement Director through the date of contract award, no offeror shall make any substitutions, deletions, additions or other changes in the configuration or structure of the offeror's teams or members of the offeror's team.
- (k) *Final negotiations and letting the contract.* The Committee shall rank the technical proposals, open and consider the pricing proposals submitted by each offeror. Award shall be made or recommended for award through the Augusta, Georgia Administrator, to the most responsible and responsive offeror whose proposal is determined to be the most advantageous to Augusta, Georgia, taking into consideration price and the evaluation factors set forth in the request for proposals. No other factors or criteria shall be used in the evaluation. The contract file shall contain a written report of the basis on which the award is made/recommended. The contract shall be awarded or let in accordance with the procedures set forth in this Section and the other applicable sections of this chapter.

User: Daniels, Tabitha

Organization:

City of Augusta, GA (Augusta Commission)

Logout

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)**Bid Number** RFP-19179-0-2019/nw**Bid Name** On-Call Construction Material Inspection and Testing, Construction Monitoring and Quality Assurance/Quality Control and Geotechnical Inspections and Investigations

1 Document(s) found for this bid

8 Planholder(s) found.

[Add Planholder](#)

Supplier Name 	Phone	Fax	Doc Count	Attributes	Programs	Actions
ConstructConnect	8772271680	8665708187	1			Documents
Cranston Engineering Group	7067221588		1			Documents
entram corp	9418759017	9418760458	1			Documents
Moreland Altobelli Associates, Inc.	7702635945	7702630166	1			Documents
Oasis Consulting Services	6787392400	7705525550	1			Documents
S&ME, Inc.	4079751273	4079751278	1			Documents
Universal Engineering Sciences	4074230504	4074233106	1			Documents
Wood E&IS	7704213400	7704213486	1			Documents

Page 1 of 1

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ATC ASSOCIATES INC.
ATTN: JEFF WOLD
1841 WEST OAK PKWY, STE F
MARIETTA, GA 30062

CSRA TESTING & ENGINEERING
1005 EMMETT ST, STE A
AUGUSTA, GA 30904

MC SQUARED, INC
ATTN: SAM MOUSSLY
1275 SHILOH RD, STE 2620
KENNESAW, GA 30144

ATTN: LAMAR NASH
MORELAND ALTOBELLI ASSOC
2450 COMMERCE AVE STE 100
DULUTH, GA 30096-8910

AMEC E&I
1075 BIG SHANTY ROAD NW
SUITE 100
KENNESAW, GA 30144

S & ME
134 SUBER ROAD
COLUMBIA, SC 29210

NOVA ENGINEERING
3840 KENNESAW NORTH INDUSTRIAL
PKWY SUITE "E"
KENNESAW, GA 30144

NATIONAL SALVAGE & SERVICE CO
ATTN: BONNIE VANDEVENTER
6755 OLD STATE RD 37 SOUTH
BLOOMINGTON, IN 47401

CARDNO ATC
1453 GREENE STREET,
SUITE A
AUGUSTA, GA 30901

APPLIED TECHNICAL SERVICES
1405 COLUMBIA NITROGEN DR
AUGUSTA, GA 30901

Bid Item #19-179
On-Call Construction Material Inspection and Testing,
Construction Monitoring and Quality
Assurance/Quality Control and Geotechnical
Inspections and Investigations for the Augusta, GA-
Engineering Department
Bid Mailed: 2/14/19

Bid Item #19-179
On-Call Construction Material Inspection and Testing,
Construction Monitoring and Quality
Assurance/Quality Control and Geotechnical
Inspections and Investigations for the Augusta, GA-
Engineering Department
Bid Due: Friday, 3/22/19@11:00 a.m.

Hameed Malik
Engineering Department

Jarvis Sims
Deputy Administrator

Phyllis Mills Johnson
Compliance Dept

	2019-02-18			
	WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTI 2019-02-18	michele.jamros@amecfw.com Jamros, Michele		
	WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTI 2019-02-18	suzanne.mccollum@amecfw.com AMECGA1234, AMECGA1234		
582589616	WOOD TECH LLC 2019-02-18	brandy@woodtechmulch.com Bozeman, Brandy	N	NOM
	WOOD TECH LLC 2019-02-18	djackman@woodtechmulch.com Jackman, Donnie		
453250540	WORKHORSE SERVICES, LLC 2019-02-18	isgrballew@comcast.net Ballew, Richard	N	NOM
582354516	WORLD FIBER TECHNOLOGIES INC 2019-02-18	jehemrich@worldfiber.com Hemrich, Jimmie	N	NOM
	WORLD FIBER TECHNOLOGIES INC 2019-02-18	jzimmerman@worldfiber.com Zimmerman, Joe		
	WORLD FIBER TECHNOLOGIES INC 2019-02-18	mjernigan@worldfiber.com Jernigan, Michelle		
131730785	WSP USA Buildings Inc. 2019-02-18	kerri.sclafani@wsp.com Sclafani, Kerri	N	NOM
474270058	Wade Realty & Contracting, LLC 2019-02-18	mwade@waderealtycontracting.com Wade, Marcellus	Y	AFA
208993976	Whytes Construction Group 2019-02-18	whytesconstructiongrp@gmail.com Whyte, Gregory	Y	AFA
540922889	Wiley Wilson 2019-02-18	bbass@wileywilson.com Bass, Bob	N	NOM
	Wiley Wilson 2019-02-18	ctibbs@wileywilson.com Tibbs, Candy		
	Wiley Wilson 2019-02-18	ebailey@wileywilson.com Bailey, Ezra		
270083303	Wiring Solutions Inc 2019-02-18	info@yourwiringsolutions.com Soto, Carlos	Y	HIA
760312950	Xenco Laboratories 2019-02-18	john.andros@xenco.com Andros, John	Y	HIA
421537118	Xenogenesis 2019-02-18	xenoradarscan@gmail.com Baldwin, Roger	N	NOM
581947989	Y-DELTA INC 2019-02-18	johnpatrick@bulloch.net YDELTAINC, YDELTAINC	N	NOM
830514657	YPC Consulting Group, P.L. 2019-02-18	gsthephan@ypcconsulting.com Stephan, Gregory	N	NOM
463399339	geoLyteca LLC 2019-02-18	bgao@geolyteca.com Gao, Bo	Y	ASA
	geoLyteca LLC 2019-02-18	dgrantham@geolyteca.com Grantham Jr, Donnell		
760840117	mbattle construction llc 2019-02-18	mbattle2@tampabay.rr.com Battle, Moses	Y	AFA
255430917	space managementcapi 2019-02-18	dnemec@spaceplan.gatech.edu space management, capital planning	N	NOM

ETHNIC GROUP	COUNT
African American	100
Asian American	12
Native American	8
Hispanic/Latino	6
Pacific Island/American	1
Non Minority	321
Not Classified	0
Total Number of Vendors	448
Total Number of Contacts	821

PR_bid_email_list



Engineering Services Committee Meeting

3/10/2020 1:20 PM

**9th Street (James Brown Blvd.) Improvements Construction Material Inspection and Testing,
Construction Monitoring and Quality Assurance/ Quality Control, and Geotechnical Services Project
Number: N/A**

Department: Engineering

Presenter:

Caption: Approve the continued funding of the current On-Call Field and Laboratory Testing for Soil and Construction Material, and Geotechnical Inspection and Investigation (CMT Geotech) Services contract in the amount of \$180,240 for James Brown Blvd. Improvements Project. Requested by AED. RFP 19-179.

Background: The 9th Street (James Brown Blvd.) Improvements is a project from the “Approved Investment List” of TIA that was approved by voters of the CSRA in July 31, 2012 referendum. The 9th Street is a Band 2 project and TIA funds are allocated for construction. On December 17, 2019, Augusta Commission awarded the road construction bid to E.R. Snell Contractor, Inc. Field and Laboratory Testing for Soil and Construction Material, and Geotechnical Inspection and Investigation Services are integral parts of construction activities to ensure improvements quality control, quality assurance and construction are per design. Construction quality assurance & quality control (QA/QC) are essential to construction of good roads and are TIA program requirements.

Analysis: On August 2019, the Augusta Commission approved the award of CMT Geotech Services contract with ATC Group Services LLC, Matrix Engineering Group, Inc. (MEG), and MC Squared, Inc. as the selected firms. MEG is assigned to James Brown Blvd. The assistance of outside construction services will help AED to ensure a quality finished roadway infrastructure. It is a practical approach to sustain much needed construction QA/QC during the construction phase of a project.

Financial Impact: Funds are available in Project TIA Funds.

Alternatives: 1. Do not approve and find alternative way to provide required CMT_Geotech, Construction QA/QC Services and meet TIA construction QA/QC requirements.

Recommendation: Approve the continued funding of the current On-Call Field and Laboratory Testing for Soil and Construction Material and Geotechnical Inspection and Investigation Services contract in the amount of \$180,240 for James Brown Blvd. Improvements Project as requested by AED.

Funds are Available in the Following Accounts: FUNDS ARE AVAILABLE IN THE FOLLOWING ACCOUNTS: Project TIA Funds – 371-041110 – T15041218-5212115

REVIEWED AND APPROVED BY:

Finance.
Procurement.
Law.
Administrator.
Clerk of Commission

STATE OF GEORGIA)
)
COUNTY OF RICHMOND)

**MAINTENANCE AGREEMENT
(Roads and Storm Drainage)**

THIS AGREEMENT, entered into this ____ day of February, 2020, by and between COUNTY BOARD OF EDUCATION OF RICHMOND COUNTY and hereinafter referred to as "Developer," and AUGUSTA, GEORGIA, a political subdivision of the State of Georgia, acting by and through its Commission, hereinafter referred to as "Augusta."

WHEREAS, Developer requested that Augusta, accept certain road, storm drains and appurtenances for HARPER FRANKLIN AVENUE, as shown by deed contemporaneously tendered and recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, in Deed Book _____, Page _____, and

WHEREAS, the City has adopted a policy requiring the Developer to maintain all installations laid or installed in the subdivision for a period of eighteen months, which Augusta accepts by deed;

NOW, THEREFORE, in consideration of the premises, the expense previously incurred by Developer and the mutual agreements hereinafter set out, IT IS AGREED that:

(1) Augusta, Georgia, accepts the road and appurtenances, storm drains and appurtenances, respectfully described in the deed contemporaneously tendered herewith to the Augusta, Georgia, Commission, recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, in Deed Book _____, Page _____.

(2) The Developer agrees to maintain all the installations laid or installed in said subdivision as described in said deed for a period of eighteen months from the date herein.

(3) The Developer agrees that if during said eighteen month period there is a failure of the installations laid or installed in said subdivision described in the deed due to failure of material or poor workmanship, the Developer shall be responsible for adequate maintenance and repair.

(4) In the event of such failure of the improvements, the City shall notify the Developer and set forth in writing the items in need of repair. The Developer shall present within fifteen business days its proposed plan of repair and shall have the repairs completed at a reasonable time, as determined by Augusta.

(5) In the event of an emergency, as determined by Augusta, the Developer is unable to respond in a timely manner, the City shall be authorized to erect barricades, traffic direction devices and such other temporary measures as are necessary to remedy the emergency nature of the problem at the Developer's expense and to allow the Developer time to make the needed repairs.

(6) In the event the Developer fails to comply with the terms of this agreement, then Augusta shall proceed to have the necessary corrective work done, and the Developer agrees to be responsible to Augusta for payment in full of costs of repairing the improvements due to failure of material or poor workmanship as liquidated damages.

IN WITNESS WHEREOF, Developer has hereunto set his hand and seal, and Augusta has caused the execution of this agreement by and through its duly authorized officers and agents, with its seal affixed, the day and year first above written.

COUNTY BOARD OF EDUCATION OF
RICHMOND COUNTY

BY: _____(L.S.)
AS ITS:

AUGUSTA, GEORGIA

_____(L.S.)
As Its Mayor

ATTEST:

Clerk of Commission

Book 00012:0102 Augusta - Richmond County
2016027673 06/20/2016 09:34:16.00
\$16.00 PLAT GENERIC
2016027673 Augusta - Richmond County

SUBDIVISION PLAT FOR:
RICHMOND COUNTY SCHOOL SYSTEM

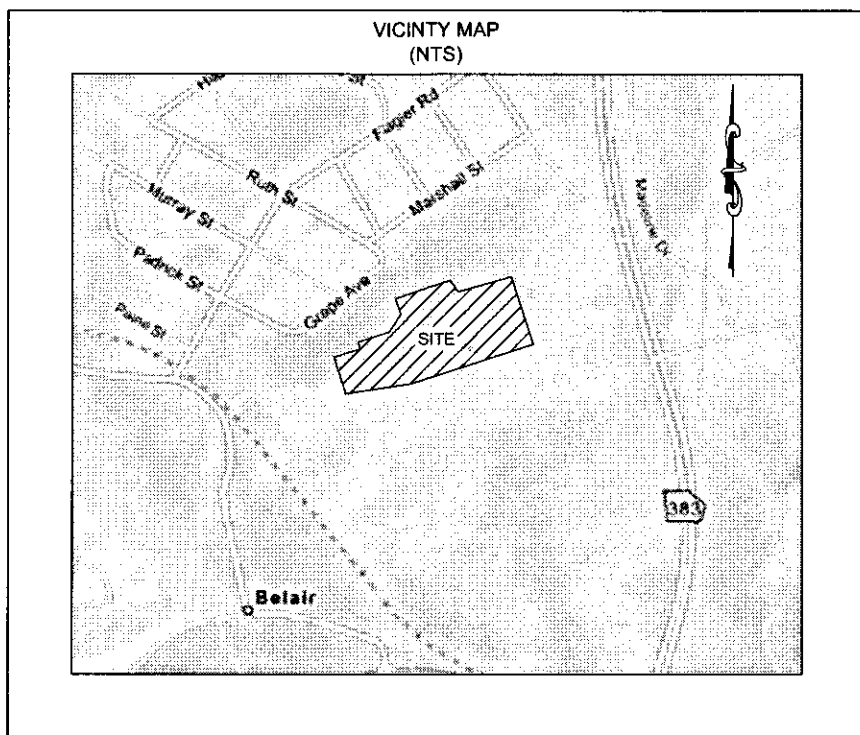
Located in the 90th G.M.D., Richmond County, Georgia

APPROVED SUBDIVISION
Date 06/29/16
BY AUTHORITY OF AUGUSTA PLANNING
& DEVELOPMENT DEPARTMENT

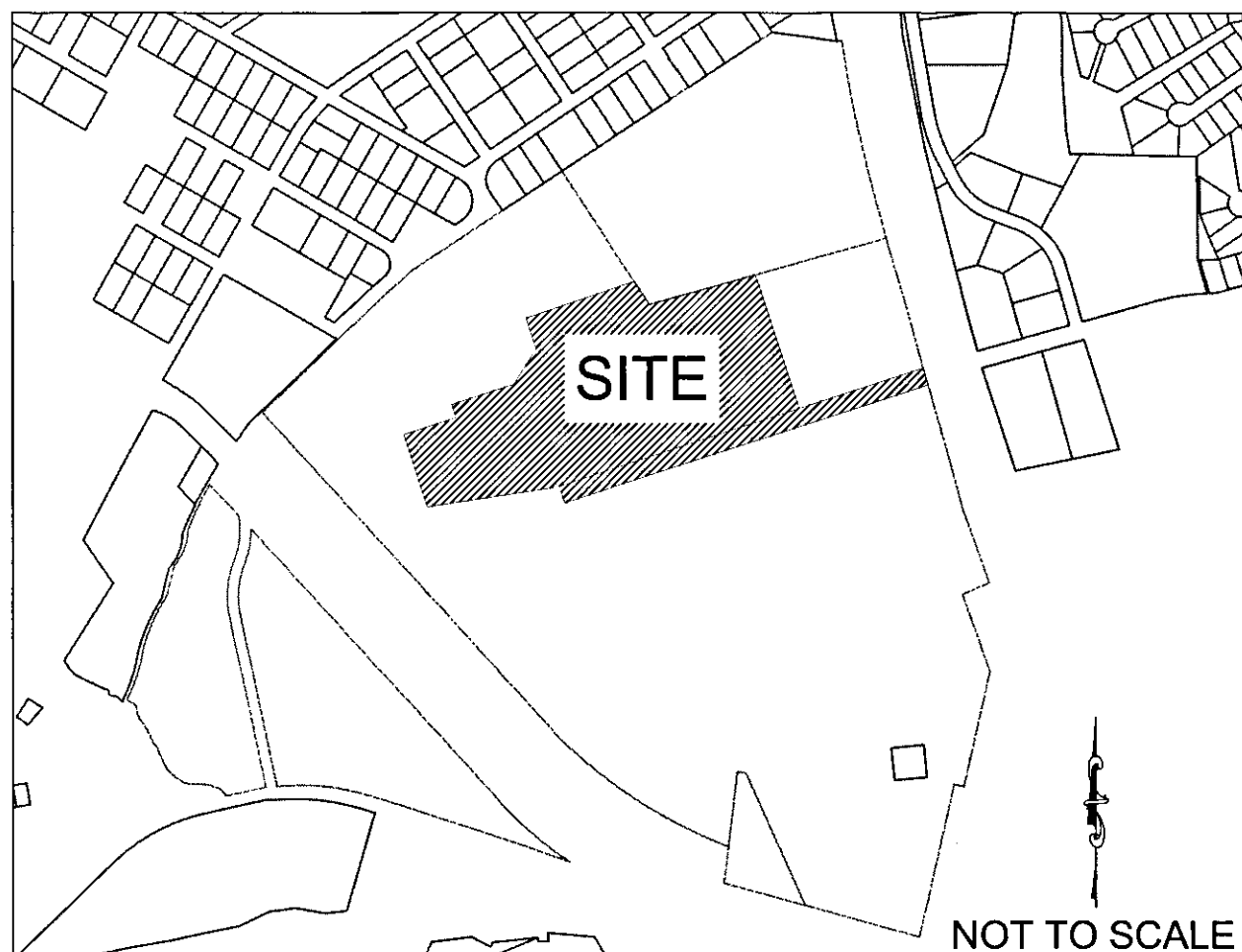
FILED IN PLAT CABINET
SLIDE 28 PLAT B



IN MY OPINION, THIS IS A CORRECT REPRESENTATION OF THE LAND
PLATTED AND HAS BEEN PREPARED IN CONFORMITY WITH THE MINIMUM
STANDARDS AND REQUIREMENTS OF LAW.



PROPERTY OVERVIEW



SYMBOL LEGEND

- | | |
|-----------------------|----------------------------------|
| ⊕ = LIGHT POLE | ⊕ = DOWNSPOUT |
| ⊗ = SEWER LATERAL | -X- = FENCE LINE |
| ⊙ = WATER METER | -FQ- = U.G. COMMUNICATION LINE |
| ⊖ = POWER BOX | -GAS- = GAS LINE |
| ⊙ = CABLE TV BOX | -W- = WATER LINE |
| ⊙ = TELEPHONE CO. BOX | -UT- = UNDERGROUND TELEPHONE |
| ⊕ = FIRE HYDRANT | -T- = TELEPHONE LINES & CABLE |
| ⊕ = STORM PIPE | -UE- = UNDERGROUND POWER |
| ⊕ = UTILITY POLE | -SS- = SANITARY SEWER |
| ⊕ = GUY ANCHOR | -OHU- = OVERHEAD UTILITY |
| ⊕ = WATER VALVE | -TRAFFIC- = TRAFFIC SIGNAL LINES |
| ⊕ = GAS METER | ⊕ = CONCRETE HATCH |
| ⊕ = SITE BENCH MARK | |
| ⊕ = DECIDUOUS TREE | |
| ⊕ = EVERGREEN TREE | |
| ⊕ = UNDERSTORY TREE | |
| ⊕ = SANITARY MANHOLE | |
| ⊕ = DRAINAGE MANHOLE | |
| ⊕ = SIGNAGE | |
| ⊕ = ADA PARKING | |
| ⊕ = PROPERTY LINE | |
| ⊕ = LAND LOT NUMBER | |

ABBREVIATION LEGEND

- | | |
|-----------------------------------|----------------------------------|
| RBF = REBAR FOUND | W.M. = WATER METER |
| CMF = CONCRETE MONUMENT | W.V. = WATER VALVE |
| IPS = IRON PIN SET (1/2" REBAR) | G.M. = GAS METER |
| R/W = RIGHT OF WAY | PP = UTILITY POLE |
| N/F = NOW OR FORMERLY | LP = LIGHT POLE |
| RR = REALTY REEL | COMM. = COMMUNICATION LINES |
| DB = DEED BOOK | UG = UNDERGROUND |
| PB = PLAT BOOK | CONC. = CONCRETE |
| PG = PAGE | SWCB = SINGLE WING CATCH BASIN |
| D.E. = DRAINAGE EASEMENT | DWCB = DOUBLE WING CATCH BASIN |
| N.T.S. = NOT TO SCALE | DI = DRAIN INLET |
| P.O.C. = POINT OF COMMENCEMENT | YI = YARD INLET |
| P.O.B. = POINT OF BEGINNING | HW = HEADWALL |
| GDOT = GA DEPT. OF TRANSPORTATION | RCP = REINFORCED CONC. PIPE |
| A = ARC LENGTH | CMP = CORRUGATED METAL PIPE |
| R = RADIUS | HDPE = HIGH DENSITY POLYETHYLENE |
| B = CHORD BEARING | IE = INVERT ELEVATION |
| C = CHORD LENGTH | SSMH = SANITARY SEWER MANHOLE |
| TBM = BENCHMARK | CO = CLEANOUT |
| FFE = FINISH FLOOR ELEVATION | CLF = CHAINLINK FENCE |
| EL = ELEVATION | TC = CLAY PIPE |
| FH = FIRE HYDRANT | D.I.P. = DUCTILE IRON PIPE |

USE AND PURPOSE:

THE PURPOSE OF THIS PLAT IS TO SUBDIVIDE AN EXISTING TRACT KNOWN AS TAX MAP PARCEL 066-0-056-03-0, RICHMOND COUNTY, GEORGIA. THE SOURCE OF TITLE DESCRIPTION IS PER REALTY REEL 258 PAGE 1703, AFORESAID COUNTY. THE CURRENT OWNER, AS PER THE INDICATED TAX RECORDS IS GEORGIA VITRIFIED BRICK & CLAY COMPANY.

SURVEY NOTES:

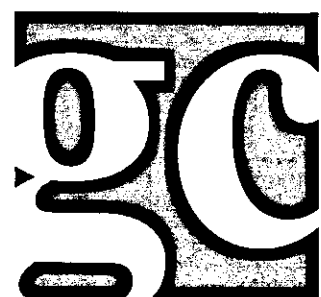
1. THE FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF 1' IN 22,134' AND AN ANGULAR ERROR OF 00°00'03.9" PER ANGLE POINT AND WAS ADJUSTED USING THE CARLSON SURVNET LEAST SQUARES METHOD.
2. THE LINEAR AND ANGULAR MEASUREMENTS SHOWN ON THIS PLAT WERE TAKEN WITH A TOPCON PS 103A ROBOTIC TOTAL STATION, FIELD WORK WAS COMPLETED ON 07/10/2015.
3. THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE WITHIN 1' IN 515,910'.
4. THIS PLAT HAS BEEN DONE FOR THE USE AND PURPOSE OF THE CLIENT ASCRIBED AND CONTRACTED WITH AS SHOWN HEREON. ALL OTHER PARTIES ARE SUBSEQUENTLY PUT ON NOTICE AS TO THE LIMITED DEGREE OF RELIANCE UPON THIS PLAT BY THIRD PARTIES.
5. THE DATUM FOR THIS SITE WAS ESTABLISHED UTILIZING GLOBAL POSITIONING SYSTEMS, AND BASED ON POSITIONAL VALUES FOR THE VIRTUAL REFERENCE STATION NETWORK DEVELOPED BY EGPS SOLUTIONS. THE HORIZONTAL REFERENCE FRAME IS NAD 83 - STATE PLANE COORDINATE SYSTEM OF GEORGIA - EAST ZONE. THE VERTICAL REFERENCE FRAME IS NAVD88.
6. ALL OBSERVED ACCESS TO A PUBLIC WAY, SUCH AS CURB CUTS AND DRIVEWAYS ARE AS SHOWN.
7. THE SURVEYED LAND IS WHOLLY CONTAINED WITHIN THE LAND DESCRIBED IN REALTY REEL 258 PAGE 1703, RECORDS OF THE SUPERIOR COURT OF RICHMOND COUNTY, GEORGIA.
8. THE RECORDS REFERENCED HEREON DO NOT CONSTITUTE A TITLE SEARCH AND ARE SHOWN FOR REFERENCE PURPOSES ONLY. THIS PROPERTY IS SUBJECT TO ALL RIGHT OF WAYS AND EASEMENTS OF RECORD.
9. IN MY OPINION, THIS IS A CORRECT REPRESENTATION OF THE LAND PLATTED AND HAS BEEN PREPARED IN CONFORMITY WITH THE MINIMUM STANDARDS AND REQUIREMENTS OF LAW.

VESTING DEEDS & SURVEY REFERENCES:

TAX PARCEL NUMBER & ADDRESS:

1. REALTY REEL 258 PAGE 1703
2. REALTY REEL 727 PAGE 248
3. GDOT RIGHT OF WAY PLANS PROJECT: F-207-1(2) PI: 250320

066-0-056-03-0 - 1985 POWELL RD



georgia civil

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LANDSCAPE ARCHITECTURE
LAND SURVEYING
P.O. BOX 896 - MADISON, GA
TEL: 706.342.1104 - FAX: 706.342.1105
WWW.GEORGIA CIVIL.COM
GA CA: LSF001055

SURVEYOR OF RECORD:
G. BRIAN SLATE
706-342-1104
bslate@georgiacivil.com
GA RLS: 2629

CONTACT:
KEVIN R. SETTLES, LSIT
678-209-3921
kevin@georgiacivil.com

SUBDIVISION PLAT FOR:

RICHMOND COUNTY SCHOOL SYSTEM

Located in the 90th G.M.D., Richmond County, Georgia

REVISIONS

DATE	DESCRIPTION
07/24/2015	REVISED TO OMIT WETLANDS
06/01/2016	REVISED TO CREATE TRACT 2
06/07/2016	REVISED LAND HOOK

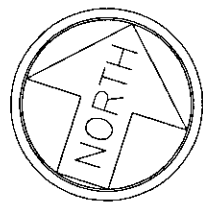
THIS SURVEY WAS PREPARED IN CONFORMITY WITH THE TECHNICAL STANDARDS FOR PROPERTY SURVEYS IN GEORGIA AS SET FORTH IN CHAPTER 180-7 OF THE RULES OF THE GEORGIA BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND AS SET FORTH IN THE GEORGIA PLAT ACT O.C.G.A. 15-6-67

PROJECT NO.: 15RCS001

FIELD: KRS
DRAWN BY: KRS
CHECKED BY: GBS
SCALE: 1" = 100'
ISSUE DATE: 07/12/2015

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SHEET
1 of 2



GRID NORTH - GA EAST

0 100 200

GRAPHIC SCALE - FEET

N/F
GEORGIA VITRIFIED
BRICK & CLAY COMPANY
RR 258 PG 1703

N/F
FRIENDLY CHURCH OF GOD IN CHRIST
RR 727 PG 253

5/8" RBF
ONLINE

N 71°26'43" E 528.59'

IPS
S 33°23'41" E
126.15'
31.65'
1/2" RBF
1/2" RBF
0.94' S

N 74°18'47" E 506.14'

IPS

S 17°57'15" E 644.39'

N/F
GEORGIA VITRIFIED
BRICK & CLAY COMPANY
RR 258 PG 1703

TRACT 1
1,089,277 SQ.FT.
25.0064 ACRES

N/F
GEORGIA VITRIFIED
BRICK & CLAY COMPANY
RR 258 PG 1703

FILED IN PLAT CABINET
SLIDE 28 PLAT B

N 72°02'24" E 252.34'

N 72°02'24" E 300.00'

N 17°57'36" W 63.87'

N 17°57'36" W 348.18'

S 81°20'38" W 588.70'

S 76°41'37" W 25.94'

S 72°02'37" W 1160.52'

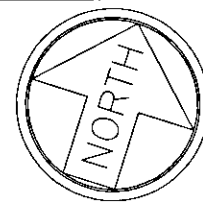
P.O.B. - TRACT 1
TIE: N 72°02'37" E 600.94' TO IPS ALONG THE
WESTERN ROW OF JIMMY DYESS PARKWAY

N/F
GEORGIA VITRIFIED
BRICK & CLAY COMPANY
RR 258 PG 1703

N/F
GEORGIA VITRIFIED
BRICK & CLAY COMPANY
RR 258 PG 1703

TRACT 2
(SEE INSET A)

INSET - A



GRID NORTH - GA EAST

0 100 200

GRAPHIC SCALE - FEET

N/F
GEORGIA VITRIFIED
BRICK & CLAY COMPANY
RR 258 PG 1703

N/F
GEORGIA VITRIFIED
BRICK & CLAY COMPANY
RR 258 PG 1703

Filed in this office:
Augusta - Richmond County
06/20/2016 09:34:16.00
Elaine C Johnson
Clerk of Superior Court

TRACT - 2
140,797 SQ.FT.
3.2323 AC.

N 72°02'37" E 1758.47'

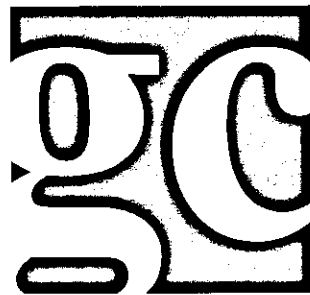
S 72°02'37" W 1761.46'

S 15°48'53" E 80.06'

P.O.C.: N 15°48'53" W 620.09' TO CME ALONG
THE WESTERN ROW OF JIMMY DYESS PARKWAY

JAMES DYESS PARKWAY - S.R. 383
(VARIABLE R.W. ASPHALT PAVED, PUBLIC, WIDTH VARIES)

SIGNALIZED
INTERSECTION
HARPER FRANKLIN AVE.



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GA RLS: 2629

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KEVIN R. SETTLES, LSIT
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SUBDIVISION PLAT FOR:

RICHMOND COUNTY SCHOOL SYSTEM

Located in the 90th G.M.D., Richmond County, Georgia

REVISIONS

DATE	DESCRIPTION
07/24/2015	REVISED TO OMIT WETLANDS
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06/07/2016	REVISED LAND HOOK

THIS SURVEY WAS PREPARED IN CONFORMITY WITH THE TECHNICAL STANDARDS FOR PROPERTY SURVEYS IN GEORGIA AS SET FORTH IN CHAPTER 180-7 OF THE RULES OF THE GEORGIA BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND AS SET FORTH IN THE GEORGIA PLAT ACT O.C.G.A. 15-6-67

PROJECT NO.: 15RCS001

FIELD: KRS

DRAWN BY: KRS

CHECKED BY: GBS

SCALE: 1" = 100'

ISSUE DATE: 07/12/2015

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SHEET
2 of 2

STATE OF GEORGIA)
)
COUNTY OF RICHMOND)

DEED OF DEDICATION
(Roads, and Storm Drainage)

THIS INDENTURE, made and entered into this ____ day of February, 2020, by and between **COUNTY BOARD OF EDUCATION OF RICHMOND COUNTY**, hereinafter referred to as the Party of the FIRST PART, and **AUGUSTA, GEORGIA**, a political subdivision of the State of Georgia, acting by and through the Augusta Commission, hereinafter referred to as the Party of the SECOND PART.

WITNESSETH:

THAT the said Party of the FIRST PART, for and in consideration of the sum of One Dollar (\$1.00) in cash to it in hand paid by the Party of the SECOND PART, the receipt of which is hereby acknowledged, at and/or before the sealing and delivery of these presents, and other good and valuable considerations, has granted, bargained, sold, released, conveyed and confirmed and by these presents does grant, bargain, sell, release, convey and confirm unto the said Party of the SECOND PART, its successors and assigns, the following described property, to-wit:

ALL PORTION OF PROPERTY SHOWN ON THE PLAT HEREIN REFERRED TO AS all those streets and storm drainage systems known as HARPER FRANKLIN AVENUE, according to the plat prepared by Georgia Civil, dated July 12, 2015, shown and designated on said plat as recorded in the Office of the Clerk of Superior Court, of Richmond County, Georgia in Plat Book 12, Page 102, to which reference is made for a more complete and accurate description as to the metes, courses, bounds, dimensions and location of said property.

TOGETHER with an easement to enter upon all areas shown as drainage and utility easements shown on said plat. The Party of the First Part further grants to the Party of the Second Part an easement to discharge stormwater off Harper Franklin Avenue into the stormwater detention systems located on the Party of the First Part's adjacent real property. The Party of the Second Part shall have no obligation to maintain

the stormwater detention systems located on the adjacent real property owned by the Party of the First Part.

TO HAVE AND TO HOLD SAID property and all the members and appurtenances therein belonging as aforesaid, and every part thereof, unto the said party of the SECOND PART, its successors and assigns, forever.

IN WITNESS WHEREOF, the said Party of the FIRST PART has caused these presents to be executed the day and year first above written as the date of these presents.

SIGNED, SEALED AND DELIVERED
in our presence:

**COUNTY BOARD OF EDUCATION OF
RICHMOND COUNTY**

Witness

By: _____ (Seal)

As its:

Notary Public, Georgia

ACCEPTED BY:

AUGUSTA, GEORGIA

By: _____
Its: Mayor

Attest: _____
Its: Clerk of Commission
(SEAL)



Engineering Services Committee Meeting

3/10/2020 1:20 PM

**ACCEPTANCE OF SECTION OF HARPER FRANKLIN AVENUE AND ASSOCIATED
IMPROVEMENTS WITHIN ITS RIGHT-OF-WAY INTO AUGUSTA GEORGIA PUBLIC
ROADWAY SYSTEM**

Department: Engineering

Presenter:

Caption: Approve and accept Section of Harper Franklin Ave. (from Jimmie Dyess Pkwy to its West 1761.46ft) and associated Improvements within road Right-of-Way into Augusta, Georgia Public Roadway System upon receipt of its certified Plat, Deed of Dedication, 18-month Road Maintenance Agreement and required other Legal Documentation as determined by Augusta Engineering Department and Augusta Legal Department. Requested by AED.

Background: Harper Franklin to be deeded section was constructed around 2016. This road section was constructed in conjunction with Belair K-8 school. Since road primary service area initially was limited to Belair 8-K school, it was kept as a private road. At present road services expanded beyond the school to several developed and undeveloped residential and commercial properties. Recently a request was made for acceptance of this roadway into Augusta Public Road System. Accordingly, Augusta Engineering Department (AED) completed its assessment and determined that the road way satisfy right-of-way width requirements and appears to be in satisfactory condition.

Analysis: Given that the road in question provides access to a school, several developed and undeveloped residential and commercial properties and is in public use, it is AED's recommendation to accept this roadway into Augusta Georgia roadway system upon receipt of certified plat, deed of dedication, 18 month maintenance agreement and required documentations as determined by Augusta Engineering Department and Augusta Law Department.

Financial Impact: No direct financial impact. The road will be included into the city roadway maintenance program.

Alternatives: Do not approve.

Recommendation: Approve and Accept Section of Harper Franklin Ave. (from Jimmie Dyess Pkwy to its West 1761.46ft) and associated improvements within road Right-of-Way into Augusta, Georgia Public Roadway System upon receipt of its certified Plat, Deed of Dedication, 18 month Road Maintenance Agreement and required other Legal Documentation as determined by Augusta Engineering Department and Augusta Legal Department.

Funds are Available in the Following Accounts: FUNDS ARE AVAILABLE IN THE FOLLOWING ACCOUNTS: N/A

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.
Clerk of Commission**



ENGINEERING DEPARTMENT

Hameed Malik, Ph.D., P.E., Director

MEMORANDUM

TO: Ms Geri Sams, Director - Procurement

FROM:  Hameed Malik, Ph.D., PE, Director- Engineering

DATE: Wednesday, January 29, 2020

SUBJECT: Construction Services for Lake Olmstead Dredging – Sediment Disposal Site Preparation for Augusta, GA-Engineering Department
Project Number: N/A
RFP 20-121
File Reference: 20-014(A)

Ms. Sams, it is recommendation of Augusta Engineering Department (AED) to award the Lake Olmstead Dredging-Sediment Disposal Site Preparation services for the Lake Olmstead Dredging project to Gator Dredging. AED requests entering into fee negotiations.

Should you require additional information, please do not hesitate to contact me at (706)796-5040.

Thank you.

ALL/

Attachments(s)

cc: Darrell White & Nancy Williams, Procurement Department
DBE office
Lewis Avery, CPA, Engineering Assistant Director – Finance & Admin
Valerie Jenkins, AED Finance Manager
Anthony Taylor, AED Interim Assistant Director Engineering
June Hamal, AED Interim Construction Manager
AED Project Engineer
File

**RFP 20-121 Construction Services
Lake Olmstead Dredging
Sediment Disposal Site Preparation**

Revised Fee Proposal:

RFP 20-121 Construction Services – Lake Olmstead
Dredging Sediment Disposal Site Preparation.

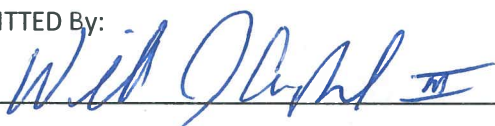
<u>Item No.</u>	Description	Unit	Qty.	Unit Price	Amount
1	Force Account	EA	1	90000	90000
2	Mobilization	LS	1	\$96,000	\$96,000
3	Lump Sum Construction including bonds, surveying and items not specifically listed in Fee Schedule	LS	1	\$50,000	\$50,000
1+ 2 + 3 Subtotal					\$236,000
4. Disposal Site-PHASE 1					
a.	Clearing & Grubbing	AC	1.5	\$14,000	\$21,000
b.	Construction Road with Gravel	LF	350	\$12.00	\$4,200
c.	36" RCP Storm Sewer, Installed Complete	LF	900	\$100.00	\$90,000
d.	Storm Manholes	EA	2	\$6,000	\$12,000
e.	Drop Inlets at end of Existing Pipe including removal of Headwall	EA	1	\$9,000	\$9,000
f.	Drop Inlets	EA	2	\$6,000	\$12,000
g.	36"RCP- Headwall with Flip Gate	EA	1	\$4,000	\$4,000
h.	Fill - drainage way @ D.I. #1	CY	2225	\$21.00	\$46,725
i.	Fill - Berms	CY	850	\$24.00	\$20,400
j.	Grassing with Slope Matting (Slopes >3:1)	SY	635	\$1.75	\$1,111.25
k.	Grassing with seeding only	LS	1	\$5,000	\$5,000
l.	Erosion Control Measures				
i.	Type C Silt Fence. Installed Complete	LF	2300	\$5.00	\$11,500
ii.	Temporary Inlet Protection	EA	5	\$300	\$1,500
iii.	Construction Exits	EA	1	\$4,000	\$4,000
iv.	Maintenance of Erosion Control Measures during Construction	LS	1	\$3,000	\$3,000
m.	Property Restoration	LS	1	\$2,000	\$2,000
4 Disposal Site-Phase 1 Subtotal					\$247,436.25

**RFP 20-121 Construction Services
Lake Olmstead Dredging
Sediment Disposal Site Preparation**

5. Disposal Site-PHASE 2					
a.	Clearing & Grubbing	AC	1.5	\$14,000	\$21,000
b.	Construction Road with Gravel	LF	1850	\$12.00	\$22,200
c.	36" RCP Storm Sewer, Installed Complete	LF	1020	\$80.00	\$81,600
d.	Storm Manholes	EA	3	\$6,000	\$18,000
e.	Drop Inlets	EA	1	\$6,000	\$6,000
f.	Fill - Berms	CY	1850	\$24.00	\$44,400
g.	Grassing with Slope Matting (Slopes >3:1)	SY	1440	\$1.75	\$2,520
h.	Grassing with seeding only	LS	1	\$15,000	\$15,000
i.	Erosion Control Measures				
i.	Type C Silt Fence. Installed Complete	LF	5900	\$5.00	\$29,500
ii.	Temporary Inlet Protection	EA	4	\$300	\$1,200
iii.	Construction Exits	EA	1	\$4,000	\$4,000
iv.	Maintenance of Erosion Control Measures during Construction	LS	1	\$6,000	\$6,000
j.	Property Restoration	LS	1	\$8,000	\$8,000
	5 Disposal Site-Phase 2 Subtotal				\$259,420
	TOTAL (= 1+2+3+4+5)				\$742,856.25

RFP SUBMITTED By:

NAME:



NAME PRINTED: William J. Coughlin, III President / CEO

COMPANY: Waterfront Property Services, LLC. d.b.a Gator Dredging

ADDRESS: 13630 50th Way North,

CITY/STATE: Clearwater, Florida, 33760

TELEPHONE NO: 727-527-1300

FAX NO.: 727-527-1303

CAPITAL PROJECT BUDGET
Lake Olmstead and Warren Lake Sediment Dredging and Disposal
(RPF 20-121)

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby amended:

Section 1: The project is authorized to CPB#328-041110-211828103. This request is to award the Construction Services Phase1 contract for the Lake Olmstead Dredging-Sediment Disposal Site Preparation to Waterfront Property Services, LLC dba Gator Dredging in the amount of \$742,856. Funding is available in SPLOST VI

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

SPLOST Ph VI	\$ 742,856
	<u>\$ 742,856</u>

Section 3: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Honorable Hardie Davis, Mayor

CAPITAL PROJECT BUDGET
Lake Olmstead and Warren Lake Sediment Dredging and Disposal
(RPF 20-121)

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT</u> <u>CPB</u>	<u>CPB</u> <u>Addition</u>	<u>New</u> <u>CPB</u>
Lake Olmstead SPLOST PHASE VI	(\$742,856)		(\$742,856)
TOTAL SOURCES:	(\$742,856)		(\$742,856)

USE OF FUNDS

ENGINEERING 328-041110-5414110/211828103	\$742,856		\$742,856
TOTAL USES:	\$742,856		\$742,856

Request for Proposal

Request for Proposals will be received at this office until **Tuesday January 7, 2020 @ 3:00 p.m.** for furnishing:

**RFP Item #20-121 Construction Services for Lake Olmstead Dredging – Sediment Disposal Site Preparation for Augusta, GA
– Engineering Department – Commodity Code: 022-968-34**

RFP documents may be examined at the office of the Augusta, GA Procurement Department, 535 Telfair Street – Room 605, Augusta, GA 30901. **Plans and specifications for the project shall be obtained by all prime contractors, subcontractors and suppliers exclusively from ARC. The fees for the plans and specifications which are non-refundable are \$75.00.**

It is the wish of the Owner that all businesses are given the opportunity to submit on this project. To facilitate this policy the Owner is providing the opportunity to view plans online (www.e-arc.com) at no charge through ARC Southern (706 821-0405) beginning **Thursday, November 14, 2019**. Bidders are cautioned that submitting a package without Procurement of a complete set are likely to overlook issues of construction phasing, delivery of goods or services, or coordination with other work that is material to the successful completion of the project. Bidders are cautioned that acquisition of documents through any other source is not advisable. Acquisition of documents from unauthorized sources places the bidder at the risk of receiving incomplete or inaccurate information upon which to base his qualifications.

A Mandatory Pre Proposal Conference will be held on Friday, December 6, 2019 @ 10:00 a.m. in the Procurement Department, 535 Telfair Street, Room 605. A Mandatory Site Visit will follow.

All questions must be submitted in writing by fax to 706 821-2811 or by email to procbidandcontract@augustaga.gov to the office of the Procurement Department by Tuesday, December 10, 2019 @ 5:00 P.M. No bid will be accepted by fax, all must be received by mail or hand delivered.

No RFP may be withdrawn for a period of 90 days after bids have been opened, pending the execution of contract with the successful bidder(s). **A 10% Bid Bond is required to be submitted along with the bidders' qualifications; a 100% performance bond and a 100% payment bond will be required for award.**

Request for proposals (RFP) and specifications. An RFP shall be issued by the Procurement Office and shall include specifications prepared in accordance with Article 4 (Product Specifications), and all contractual terms and conditions, applicable to the procurement. **All specific requirements contained in the request for proposal including, but not limited to, the number of copies needed, the timing of the submission, the required financial data, and any other requirements designated by the Procurement Department are considered material conditions of the bid which are not waivable or modifiable by the Procurement Director.** All requests to waive or modify any such material condition shall be submitted through the Procurement Director to the appropriate committee of the Augusta, Georgia Commission for approval by the Augusta, Georgia Commission. Please mark RFP number on the outside of the envelope.

Proponents are cautioned that acquisition of RFP documents through any source other than the office of the Procurement Department is not advisable. Acquisition of RFP documents from unauthorized sources places the proponent at the risk of receiving incomplete or inaccurate information upon which to base their qualifications.

Correspondence must be submitted via mail, fax or email as follows:

Augusta Procurement Department
Attn: Geri A. Sams, Director of Procurement
535 Telfair Street, Room 605
Augusta, GA 30901
Fax: 706-821-2811 or Email: procbidandcontract@augustaga.gov

No RFP will be accepted by fax, all must be received by mail or hand delivered.

GERI A. SAMS, Procurement Director

Publish:

Augusta Chronicle November 14, 21, 28, December 5, 2019
Metro Courier November 14, 2019

Revised: 2/2/2016



RFP Opening
RFP Item #20-121 Construction Services for Lake
Olmstead Dredging – Sediment Disposal Site Preparation
for Augusta, GA – Engineering Department
RFP Date: Tuesday, January 7, 2020 @ 3:00 p.m.

Total Number Specifications Mailed Out: 38
Total Number Specifications Download (Demandstar): 7
Total Electronic Notifications (Demandstar): 71
Georgia Procurement Registry: 58
Mandatory Pre-Proposal/Telephone Conference Attendees: 8
Total packages submitted: 1
Total Noncompliant: 1

VENDORS	Attachment "B"	E-Verify #	Addendum 1	SAVE Form	Original	7 Copies	Fee Proposal	Compliance Review 7% Goal
Haren Construction 1715 Highway 441 N P. O. Box 350 Etowah, TN 37331								
Gearig Brothers Civilworks 322 Grimaude Blvd Grovetown, GA 30813								
Blair Construction Co. Inc. 4308 Evans to Lock Road Evans, GA 30809								
L-J Inc 615 Knox Abbot Drive Cayce, SC 29033								
J Mitchell Contracting 1576 Doster Rd. Winder, GA 30680								
McElroy Inc 8945 US Highway 19 Zebulon, GA 30295								
Waterfront Property Svcs, LLC d.b.a. Gator Dredging 13630 50th Way North Clearwater, FL 33760	Yes	976491	Yes	Yes	Yes	Yes	Yes	Yes



**RFP Item #20-121 Construction Services for Lake
Olmstead Dredging – Sediment Disposal Site Preparation
for Augusta, GA – Engineering Department
RFP Date: Friday, January 24, 2020 @ 2:00 p.m.**

Vendors			Waterfront Property Svcs, LLC d.b.a. Gator Dredging 13630 50th Way North Clearwater, FL 33760	Waterfront Property Svcs, LLC d.b.a. Gator Dredging 13630 50th Way North Clearwater, FL 33760
Phase 1			Ranking of 0-5 (Enter a Scale 0 (Low) to 5 (High))	Weighted Scores
Evaluation Criteria	Ranking	Points		
1. Completeness of Response • Package submitted by the deadline • Package is complete (includes requested information as required per this solicitation) • Attachment B is complete, signed and notarized	N/A	Pass/Fail	PASS	PASS
2. Qualifications & Experience To include past utility construction experience in or close vicinity to environmental sensitive areas	(0-5)	15	5.0	75.0
3. Organization & Approach	(0-5)	15	4.3	63.8
Scope of Services a. Detailed scope of Services to be provided - Scope addresses all known services needed and appears achievable in the period set forth in the project schedule. b. Deliverables are appropriate to schedule and scope set forth in above requirements c. Firms experience, capabilities and other qualifications for this project in reference to dredging and sediment disposal as one of the primary area of specialization. d. Firms organizational and management approach to the requested services	(0-5)	15	4.5	67.5
5. Resources and Schedule of Work	(0-5)	10	5.0	50.0
6. References	(0-5)	5	5.0	25.0
7. Financial Stability	(0-5)	5	5.0	25.0
8 Proximity to Area				
Within Richmond County	5	10		0
Within CSRA	5	6		0
Within Georgia	5	4		0
Within SE United States (includes AL, TN, NC, SC, FL)	5	2	5	10
• All Others	5	1		0
Phase 1 Total - (Total Maximum Ranking 25 - Maximum Weighted Total Possible 375)			23.8	316.3
Phase 2 (Option - Numbers 8-9) (Vendors May Not Receive Less Than a 3 Ranking in Any Category to be Considered for Award)				
8. Presentation by Team	(0-5)	10		0
9 Q&A Response to Panel Questions	(0-5)	5		0
10. Cost/Fee Proposal Consideration (only choose 1 line according to dollar value of the proposal in relation to all fee proposals - enter the point value for the one line only)				
Lowest Fees	5	10	5	50
Second	5	6		0
Third	5	4		0
Forth	5	2		0
Fifth	5	1		0
Total Phase 2 - (Total Maximum Ranking 15 - Maximum Weighted Total Possible 125)			5	50
Total (Total Possible Score 500) Total (May not Receive Less Than a 3 Ranking in Any Category to be				
Total Cumulative Score (Maximum point is 500)			28.8	366.3
Internal Use Only				
Evaluator: _____ Cumulative _____ Date: 1/24/20				
Procurement Department Representative: _____ Nancy Williams _____				
Procurement Department Completion Date: _____ 1/24/19 _____				

FYI: Process Regarding Request for Proposals

Sec. 1-10-51. Request for proposals.

Request for proposals shall be handled in the same manner as the bid process as described above for solicitation and awarding of contracts for goods or services with the following exceptions:

- (a) Only the names of the vendors making offers shall be disclosed at the proposal opening.
- (b) Content of the proposals submitted by competing persons shall not be disclosed during the process of the negotiations.
- (c) Proposals shall be open for public inspection only after the award is made.
- (d) Proprietary or confidential information, marked as such in each proposal, shall not be disclosed without the written consent of the offeror.
- (e) Discussions may be conducted with responsible persons submitting a proposal determined to have a reasonable chance of being selected for the award. These discussions may be held for the purpose of clarification to assure a full understanding of the solicitation requirement and responsiveness thereto.
- (f) Revisions may be permitted after submissions and prior to award for the purpose of obtaining the best and final offers.
- (g) In conducting discussions with the persons submitting the proposals, there shall be no disclosure of any information derived from the other persons submitting proposals.

Sec. 1-10-52. Sealed proposals.

- (a) *Conditions for use.* The competitive sealed proposals method may be utilized when the Augusta, Georgia Administrator approves the written justification of the Procurement Director or using agency head that the sealed bid method is not in the best interest of Augusta, Georgia. Generally, this method may be used when competitive sealed bidding (involving the preparation of detailed and specific specifications) is either not practicable or not advantageous to Augusta, Georgia. Augusta, Georgia is not restricted from using alternative procurement methods for obtaining the best value on any procurement, such as Construction Management at Risk, Design/Build, etc.
- (b) *Request for proposals.* Competitive sealed proposals shall be solicited through a request for proposals (RFP).

- (c) *Public notice.* Adequate public notice of the request for proposals shall be given in the same manner as provided in section 1-10- 50(c)(Public Notice and Bidder's List); provided the normal period of time between notice and receipt of proposals minimally shall be fifteen (15) calendar days.
- (d) *Pre-proposal conference.* A pre-proposal conference may be scheduled at least five (5) days prior to the date set for receipt of proposals, and notice shall be handled in a manner similar to section 1-10-50(c)-Public Notice and Bidder's List. No information provided at such pre-proposal conference shall be binding upon Augusta, Georgia unless provided in writing to all offerors.
- (e) *Receipt of proposals.* Proposals will be received at the time and place designated in the request for proposals, complete with bidder qualification and technical information. No late proposals shall be accepted. Price information shall be separated from the proposal in a sealed envelope and opened only after the proposals have been reviewed and ranked.

The names of the offerors will be identified at the proposal acceptance; however, no proposal will be handled so as to permit disclosure of the detailed contents of the response until after award of contract. A record of all responses shall be prepared and maintained for the files and audit purposes.

- (f) *Public inspection.* The responses will be open for public inspection only after contract award. Proprietary or confidential information marked as such in each proposal will not be disclosed without written consent of the offeror.
- (g) *Evaluation and selection.* The request for proposals shall state the relative importance of price and other evaluation factors that will be used in the context of proposal evaluation and contract award. (Pricing proposals will not be opened until the proposals have been reviewed and ranked). Such evaluation factors may include, but not be limited to:
 - (1) The ability, capacity, and skill of the offeror to perform the contract or provide the services required;
 - (2) The capability of the offeror to perform the contract or provide the service promptly or within the time specified, without delay or interference;
 - (3) The character, integrity, reputation, judgment, experience, and efficiency of the offeror;
 - (4) The quality of performance on previous contracts;
 - (5) The previous and existing compliance by the offeror with laws and

ordinances relating to the contract or services;

- (6) The sufficiency of the financial resources of the offeror relating to his ability to perform the contract;
 - (7) The quality, availability, and adaptability of the supplies or services to the particular use required; and
 - (8) Price.
- (h) *Selection committee.* A selection committee, minimally consisting of representatives of the procurement office, the using agency, and the Administrator's office or his designee shall convene for the purpose of evaluating the proposals.
- (i) *Preliminary negotiations.* Discussions with the offerors and technical revisions to the proposals may occur. Discussions may be conducted with the responsible offerors who submit proposals for the purpose of clarification and to assure full understanding of, and conformance to, the solicitation requirements. Offerors shall be accorded fair and equal treatment with respect to any opportunity for discussions and revision of proposals and such revisions may be permitted after submission and prior to award for the purpose of obtaining best and final offers. In conducting discussions, there shall be no disclosure of information derived from proposals submitted by competing offerors.
- (j) From the date proposals are received by the Procurement Director through the date of contract award, no offeror shall make any substitutions, deletions, additions or other changes in the configuration or structure of the offeror's teams or members of the offeror's team.
- (k) *Final negotiations and letting the contract.* The Committee shall rank the technical proposals, open and consider the pricing proposals submitted by each offeror. Award shall be made or recommended for award through the Augusta, Georgia Administrator, to the most responsible and responsive offeror whose proposal is determined to be the most advantageous to Augusta, Georgia, taking into consideration price and the evaluation factors set forth in the request for proposals. No other factors or criteria shall be used in the evaluation. The contract file shall contain a written report of the basis on which the award is made/recommended. The contract shall be awarded or let in accordance with the procedures set forth in this Section and the other applicable sections of this chapter.

Mandatory Pre-Proposal Conference Sign-in Sheet
RFP Item #20-121 Construction Services for Lake Olmstead Dredging-

Sediment Disposal Site Preparation

For Augusta, Georgia – Engineering Department

Friday, December 6, 2019 @ 10:00 a.m.

PLEASE PRINT

NAME	COMPANY/DEPT.	ADDRESS/CITY/STATE/ ZIP CODE	TELEPHONE NUMBER	FAX NUMBER	EMAIL	Prime/Sub
1. Darrell White <i>Darrell White</i>	Procurement <i>Procurement</i>	535 Telfair Street, Suite 605 Augusta, GA 30901	706-821-2423	706-821-2811	probidandcontract @augustaga.gov	
2. Nancy Williams <i>Nancy Williams</i>	Procurement <i>Procurement</i>	535 Telfair Street, Suite 605 Augusta, GA 30901	706-821-2888	706-821-2811	probidandcontract @augustaga.gov	
3. Cindy Osborn <i>Cindy Osborn</i> <i>Stacy Bell</i>	<i>Hansen</i> CONSTRUCTION	<i>1715 Highway 441</i> <i>P.O. Box 350</i> <i>Crown, TN 37331</i>	<i>423-263-5561</i> <i>EXT. 213</i>	<i>423-263-5573</i>	<i>COSBORNE@</i> <i>HARENWILSON</i> <i>AUCTION.COM</i>	
4. <i>Sim</i> Bergen	<i>S Mitchell</i> Contracting	<i>1576 Doster Rd</i> <i>Winder, GA 30680</i>	<i>770-880-9662</i>		<i>S Mitchell</i> <i>S Mitchell Contracting .com</i>	
5. Eric McLeRoy	McLeRoy Inc	<i>8945 US Hwy 19</i> <i>ZE BULON, GA</i> <i>30295</i>	<i>770-567-3514</i>		<i>Eric@McLeRoyInc.com</i>	
6. Jeff Hess	<i>L-J INC.</i>	<i>615 Knox Abbott Dr.</i> <i>Cayce SC</i>	<i>803-983-5892</i>	<i>803-753-9645</i>	<i>jeffhess</i> <i>@gmail.com</i>	<i>Pine</i>
7. Patrick Dillard	<i>Blair</i> Construction	<i>Box 770</i> <i>Evans, GA 30809</i>	<i>706-848-1950</i>	<i>706-848-1855</i>	<i>patrick@</i> <i>blairconstruction</i> <i>.us</i>	<i>Pine</i>

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Mandatory Pre-Proposal Conference Sign-in Sheet
RFP Item #20-121 Construction Services for Lake Olmstead Dredging-
Sediment Disposal Site Preparation
For Augusta, Georgia – Engineering Department
Friday, December 6, 2019 @ 10:00 a.m.
PLEASE PRINT

2013

NAME	COMPANY/DEPT.	ADDRESS/CITY/STATE/ ZIP CODE	TELEPHONE NUMBER	FAX NUMBER	EMAIL	Prime/Sub
8. Mike Henderson	Gator Dredging	13630 50th Way North Clearwater, FL 33760	813-229-3625		m.henderson@gatordredging.com	Prime
9. RAGE WHITEHURST	CRAYSTON ENGINEERING GROUP	452 ELLIS ST AUGUSTA, GA 30901	(706) 722-1588		rwhitehurst@craystonengineering.com	FUR
10. DENNIS ALLEN	PRESS RENTALS	5105 PIERCE CT. EVANS, GA 30804	(706) 825-9546	(706) 210-8982	DALLEN@PRESSRENTALS.com	SUB
11. Travis Gearig	Gearig Civilworks	Grovetown, Ga.	706-860-5991	706-860-9639	Travis@Gearig.com	Prime
12. Ryan Rowland	Gearig Civilworks	322 Gnirowde Blvd Grovetown, GA 30813	706-860-5931	706-860-9639	Ryan@Gearig.com	Prime
13. June Hamal	Augusta Eng.	452 Walker St. Augusta GA 30909	706 821 1871	—	JuneHamal@augustaga.gov	
14. Marques Jacobs	Augusta Eng	4 11	706 834 9491	—	mjacobs@augustaga.gov	
15. Yolanda Jackson	Compliance DBE/LSBOP	535 Telfair St Ste. 530 Augusta GA 30901	(706) 821-2406	—	yjackson@augustaga.gov	

Mandatory Pre-Proposal Conference Sign-in Sheet
RFP Item #20-121 Construction Services for Lake Olmstead Dredging-
Sediment Disposal Site Preparation
For Augusta, Georgia – Engineering Department
Friday, December 6, 2019 @ 10:00 a.m.
PLEASE PRINT

383

NAME	COMPANY/DEPT.	ADDRESS/CITY/STATE/ ZIP CODE	TELEPHONE NUMBER	FAX NUMBER	EMAIL	Prime/Sub
16. HAMED MACTE	ARO	452 N. Allen St, Hc 110, Augusta, GA 30541	706-796-3040	706-796- 348	HAMED@ MACTE.COM	
17. Swannette JONES	Compliance DBE / LSBOB	535 Talgair St- Ste 530 Augusta, GA 30901	706-432- 5289	—	Jones2@ Augusta.gov	—
18.						
19.						
20.						
21.						
22.						
23.						

User: Williams, Nancy

Organization: City of Augusta, GA (Augusta Commission)

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)**Bid Number** RFP-20-121-0-2020/nw**Bid Name** Construction Services for Lake Olmstead Sediment Disposal Site Preparation

2 Document(s) found for this bid

7 Planholder(s) found.

[Add Planholder](#)

Supplier Name 	Phone	Fax	Doc Count	Attributes	Programs	Actions
Dodge Data	4133767032		2			Documents
Dredgit Environmental Corporation	7139794885	7137870703	1			Documents
entram corp	9418759017	9418760458	2			Documents
Gator Dredging	7275271300	7275271303	2			Documents
L-J, Inc.	8039291181	8039297625	2			Documents
Merrell Bros. Inc	5746997782	5746997478	1			Documents
S.J. Hamill Construction Company	8438728000		1			Documents

Page 1 of 1

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Landserver
2831 Carwell Road
Richmond, VA 23234
Attn: Larry Bowman

Lewis Contracting Services
Attn: David White
457 Flat Shoals Ave. SE, Suite 2
Atlanta, GA 30316

Environmental Specialties
7943 Pecue Lane Suite A
Baton Rouge, LA 70809
Attn: Debra Clark

Gearig Brothers Civilworks
322 Grimaude Blvd
Grovetown, GA 30813

Garnto Southern Construction
4811 Clark Drive
Evans, GA 30809

Peed Brothers
42 Industrial Road
Butler, GA 31006

Cooper Barnette Page
Environmental
1928 Executive Park Dr., Suite A
Statham, GA 30666

Blair Construction Co. Inc.
4308 Evans to Lock Road
Evans, GA 30809

Camanco
4301 Sterling Commerce Dr
Plant City, FL 33569

T & K Construction
235 County Road 1242
Vinemont, AL 35179

Southeast Environmental
5567 Val Del Road
Hahira, GA 31632

Pond Construction/Pond & Co
Attn: Gregg Swinks/Bill Burch
3500 Parkway Lane, Suite 600
Norcross, GA 30092

Reeves Construction
Attn: Greg Hamilton
1 APAC Industrial Way
Augusta, GA 30907

Legacy Water Group
Attn: Scott Burton
10120 Roberts Way
Covington, GA 30014

Beam's Contracting
Attn: Buddy Rowland
15030 Atomic Road
Beech Island, SC 29842

Strack, Inc.
125 Laser Industrial Court
Fairburn, GA 30213

Richardson Construction Co
Attn: Bobby Richardson
6806 Monticello Rd.
Columbia, SC 29203

C. A. Murren & Sons
Attn: Vlad Volfson
2275 Loganville Hwy.
Grayson, GA 30017

Covanta Environmental Solutions
3920 Goshen Industrial Blvd
Augusta, GA 30908

JHC Corporation
Attn: James Cook
1029 N Peachtree Pkwy # 359,
Peachtree City, GA 30269

KAYDEN ENVIRONMENTAL SERVICES
ATTN: PHILLIP BIRDSONG
9400 GROGANS MILL RD, SUITE 305
THE WOODLANDS, TX 77380

Attn: Frank Maines
Layne
300 East Broad Street
Fairburn, GA 30213

Ruby-Collins, Inc.
Attn: Bobby Cates
4806 Wright Drive
Smyrna, GA 30082

Attn: Louie A. Pittman, III
Pittman Construction Co
P. O. Box 155
Conyers, GA 30012-0155

Attn: Laurie Simpson
Orion Marine Construction, Inc.
5440 West Tyson Ave
Tampa, FL 33611

MERRELL BROS, INC.
ATTN: LORI JACKSON
8811 WEST 500 NORTH
KOKOMO, IN 46901

DREDGE AMERICA, INC
ATTN: SAM ROBINSON
9555 NW HIGHWAY N
KANSAS CITY, MO 64153



5160

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Bio-nomic Services, Inc.
516 Roundtree Road
Charlotte, NC 28217-2133

Waterfront Property Services, LLC
dba Gator Dredging
13630 50th Way North
Clearwater, FL 33760

Reeves & Young, LLC
45 Peachtree Industrial Blvd Suite
200
Sugar Hill, GA 30518

Reynolds Construction
300 East Broad Street
Fairburn, GA 30213

ER SNELL CONTRACTOR
1785 OAK ROAD
SNELLVILLE, GA 30078

CONTRACT MANAGEMENT INC
1829 KILLINGSWORTH
AUGUSTA GA 30904

SACK CO
3302 ZELL MILLER PARKWAY
STATESBORO, GA 30458

PROQUA CORP
P.O. BOX 2654
AUGUSTA, GA 30919

DEXTER'S CONTRACTING 7
HAULING
4875 OLD WAYNESBORO RD
HEPPHIZIBAH, GA 30815

J&B CONSTRUCTION & SRVC INC
3550 GORDON HIGHWAY
GROVETOWN GA 30813

L-J INC
615 KNOX ABBOT DRIVE
CAYCE, SC 29033

Hameed Malik
Engineering Department

Treza Edwards
Compliance Department

June Hamel
Engineering Department

RFP Item #20-121
Construction Services for Lake Olmstead
Dredging – Sediment Disposal Site
Preparation
For Engineering Department

RFP Item #20-121
Construction Services for Lake Olmstead
Dredging – Sediment Disposal Site
Preparation
For Engineering Department

813121275	ZION Marine LLC 2019-11-14	jtempleton@zionmarine.net Templeton, Joseph	N	NOM
160997941	sevenson environmental services, inc. 2019-11-14	jmhhouse@sevenson.com house, michael	N	NOM

ETHNIC GROUP	COUNT
African American	11
Asian American	2
Native American	2
Hispanic/Latino	0
Pacific Island/American	0
Non Minority	43
Not Classified	0
Total Number of Vendors	58
Total Number of Contacts	97

PR_bid_email_list

RFP 20-121

Georgia Procurement Registry Vendor Summary



Compliance Department

**Treza Edwards
Compliance Director**

MEMORANDUM

To: Hameed Malik, Director, Engineering Department
Geri Sams, Director, Procurement Department

From: Treza Edwards, Director, Compliance Department

Date: January 15, 2020

Subject: RFP Item 20-121 Construction Services for Lake Olmstead Dredging

A handwritten signature in blue ink, appearing to be "TE", with a long, sweeping horizontal line extending to the right.

☒ This Bidder/Offeror **IS** eligible for award. ☐ This Bidder/Offeror **IS NOT** eligible for award.

This memo is to transmit the review and concurrence of responsiveness and compliance by the bidder/offeror, **Gator Dredging**. Augusta, Georgia code requires contractor(s) to meet the assigned LSBOP Utilization Goal or provide evidence of completing good faith efforts on state and local funded projects.

The goal established for the RFP Item 20-121 Construction Services for Lake Olmstead Dredging for Augusta, Georgia, is 7%. **The bidder/offeror has committed to a minimum of 9.1% and did submit the required forms and is responsive and has satisfied good faith efforts.**

The bidder/offeror is eligible for award.

Should this bidder/offeror be selected for this bid, upon award, the Compliance Department will monitor the Contractor on a monthly basis to ensure that they meet or exceed their committed goal for this project.

Should you have questions, please contact me at (706) 826-1325.



Engineering Services Committee Meeting

3/10/2020 1:20 PM

Construction Services for Lake Olmstead Dredging Sediment Disposal Site Preparation RFP ITEM #20-121

Department: Engineering

Presenter:

Caption: Approve award of Lake Olmstead Dredging-Sediment Disposal Site Preparation Construction Services Phase 1 Contract in the amount of \$742,856.25 to Waterfront Property Services, LLC dba Gator Dredging in the amount as requested by the AED. RFP 20-121.

Background: Augusta Canal Basin Dredging (Lake Olmstead, Lake Aumond, Heirs Ponds and Rae's Creek) are approved projects. In 2017 the Corps released dredging permit for Hiers Pond and Lake Aumond and dredging of these two waterbodies was completed in 2018. AED continued to work with the Corps for release of Lake Olmstead and Warren Lake dredging permits. In July 2019 AED secured the permits and initiated letting the project for preparation of Disposal Site drainage system as a first phase of Lake Olmstead sediment removal. Letting of Lake Olmstead sediment removal will be followed by substantial completion of phase 1 .

Analysis: RFPs were received on January 7, 2020 and firms were evaluated based on qualifications, project approach, and experience. The following firms submitted RFPs for evaluations:
1. Waterfront Property Services, LLC (dba Gator Dredging).
Waterfront Property Services, LLC (dba Gator Dredging) was selected based on the evaluation procedures used for this project.

Financial Impact: Funds are available in Project SPLOST Funds.

Alternatives: 1). Do not approve and find alternative to complete the project.

Recommendation: Approve award of Lake Olmstead Dredging-Sediment Disposal Site Preparation Construction Services Phase 1 Contract in the

amount of \$742,856.25 to Waterfront Property Services, LLC
Waterfront Property Services, LLC dba Gator Dredging in
amount as requested by the AED.

**Funds are
Available in the
Following
Accounts:**

FUNDS ARE AVAILABLE IN THE FOLLOWING
ACCOUNTS: Project SPLOST Funds: 328-041110-5414110 /
211828103-5414110

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**

STATE OF GEORGIA

COUNTY OF AUGUSTA-RICHMOND

EASEMENT DEED OF DEDICATION

WHEREAS, Augusta, Georgia, for and on behalf of the General Aviation Commission and the Daniel Field Airport, is the owner of certain property located on Wrightsboro Road, between Damascus Road and Highland Avenue, and being generally identified as Tax Map 043-4, Parcel 14. Said property being the same as that transferred to the City of Augusta by the United States of America through a Quit Claim Deed dated May 29, 1948, and recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia, in Realty Book 16-Z, Pages 77-81. Reference is hereby made to said Quit Claim Deed and a plat recorded in said Clerk's office for a more definitive description of the metes, bounds and courses; and

WHEREAS, the Augusta Utilities Department desires to record a permanent utility easement in perpetuity across this property for the purpose of the immediate construction of a water main along with a fiber optics line; and

WHEREAS, Augusta desires to dedicate this easement for the sole use of its Utilities Department;

NOW, THEREFORE, THIS INDENTURE, made and entered into this 11th day of February, 2020, by Augusta, Georgia, a political subdivision of the State of Georgia, hereinafter referred to as Party of the First Part, for the use and benefit of the Augusta Utilities Department, a department of Augusta, Georgia, hereinafter referred to as the Party of the Second Part;

WITNESSETH:

Augusta, Georgia, in consideration of the public benefit to be derived by Augusta and its citizens, as well as for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, has granted, bargained, sold and conveyed, and by these presence does hereby grant, bargain, sell and convey unto the Augusta Utilities Department all that tract or parcel of land located in Augusta, Georgia, described as;

TO WIT

Permanent Utility Easement Area (Tax Map 043-4, Parcel 14)

All that tract or parcel of land situate, lying and being in the 88th G.M.D. of Richmond County, Georgia and being more particularly described as follows:

Commencing at the intersection of the western r/w of Highland Avenue and the southern r/w of Wrightsboro Road (said point having Georgia State Plane Coordinates of 1261824.07 Northing, 697226.76 Easting), thence along the r/w chamfer North 27 degrees 51 minutes 51 seconds West for a distance of 0.80 feet to a point, said point being the POINT OF BEGINNING;

Thence leaving said right of way the following courses: South 37 degrees 58 minutes 26 seconds West for a distance of 85.63 feet to a point; thence South 28 degrees 13 minutes 36 seconds West for a distance of 161.91 feet to a point; thence South 39 degrees 23 minutes 12 seconds East for a distance of 10.99 feet to a point on the western right of way of Highland Avenue; thence along said right of way South 29 degrees 22 minutes 19 seconds West for a distance of 21.46 feet to a point; thence leaving the right of way of Highland Avenue the following courses: North 39 degrees 23 minutes 12 seconds West for a distance of 32.16 feet to a point; thence North 28 degrees 13 minutes 36 seconds East for a distance of 177.00 feet to a point; thence North 37 degrees 58 minutes 26 seconds East for a distance of 96.30 feet to a point on the southwestern right of way chamfer of Wrightsboro Road and Highland Avenue; thence along said right of way chamfer South 27 degrees 51 minutes 51 seconds East for a distance of 21.92 feet to a point; said point being the POINT OF BEGINNING;

As is more fully shown as "PERMANENT UTILITY EASEMENT AREA 5,640 SF 0.13 ACRE" on an easement plat prepared for AUGUSTA, GEORGIA by Cranston Engineering Group, P.C. dated August 31, 2016 reference to which is hereby made for a more complete description as to the metes, bounds and location of said property.

The Part of the First Part does also grant unto the Party of the Second Part the right, but not the duty, to clear any trees and shrubs within the utility corridors.

The Party of the First Part does further grant unto the Party of the Second Part the right to enter unto its property, within the guidelines of its rules and regulations concerning access, for the purpose of clearing trees and shrubs within the easement, and for laying, relaying, installing, constructing, extending, operating, repairing and maintaining pipelines transporting and carrying utility services.

In addition, the Party of the First Part grants unto the Party of the Second Part the right to stretch communication lines, or other lines, within the easements, for the use of AUGUSTA, its assigns, representatives, agents, and designees, upon or under said land, within said easements, with the necessary cables, wires, apparatus, fixtures and appliances; and with the right to assign said easement in whole or in part.

The Party of the First Part does also agree that the aforescribed permanent easement is exclusive unto the Augusta Utilities Department and that no other utilities may be constructed within the utility corridor except by written permission of the Augusta Utilities Department.

The Party of the Second Part does agree that, upon the completion and acceptance of the water main, it will cause the portion of the parking lot located on parcel 043-4-014-00-0 (at the corner of Wrightsboro Road and Wheelless Road), which is damaged by the construction of said water main, to be repaved and restriped.

The Party of the Second Part further agrees that during any work it does, on the easement parcel herein described above, it will: (1.) restrict the height of structures or growth of natural objects and other obstructions on the Property to such a height so as to comply with the Code of Federal Regulations Title 14, Part 77; and (2). Prohibit any activity on the land that would interfere with or be a hazard to the flight of aircraft over the land or to and from Daniel Field Airport, including wildlife hazard, or that interferes with air navigation and communication facilities serving the airport.

The Party of the First Part, its successors, assigns and legal representatives, after the completion of this Project, shall have the right to use the easement in any manner not inconsistent or interfering with the rights herein granted.

This is hereby reserved to Augusta, Georgia, for and on behalf of the General Aviation Commission and the Daniel Field Airport, its successors and assigns, for the use and benefit of the public, a right of flight for the passage of aircraft in the airspace above the surface of the premises herein, a permanent easement as described above. This public right of flight shall include the right to cause in said airspace any noise inherent in the operation of any aircraft, now known or hereafter used, for navigation or flight through the said airspace or landing at, taking off from, or operation on the Daniel Field Airport.

To have and to hold the said utility corridors, together with all the singular of the rights, ways, easements and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the Party of the Second Part, its successors and assigns, forever.

IN WITNESS WHEREOF, the Party of the First Part causes this instrument to be executed the day and year first above written.

SIGNED, SEALED, AND DELIVERED, in our presence:

AUGUSTA, GEORGIA

WITNESS

BY: _____ Hardie Davis, Jr.

AS ITS: _____ Mayor

NOTARY PUBLIC

Richmond County, Georgia

ATTEST: _____

My Commission Expires _____ AS ITS: _____ Clerk of Commission

(SEAL)

CONSENTED TO:
SIGNED, SEALED, AND DELIVERED, in our presence:


WITNESS

GENERAL AVIATION COMMISSION

BY: _____

David Fields

AS ITS: Chairman


NOTARY PUBLIC

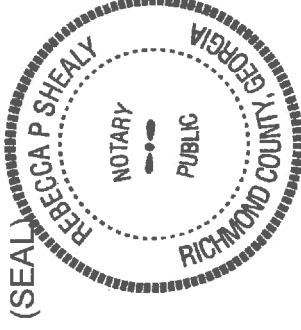
Richmond County, Georgia

ATTEST: 

My Commission Expires 7/17/2022

AS ITS: Vice Chairman

REBECCA P. SHEALY
NOTARY PUBLIC, RICHMOND COUNTY, GEORGIA
MY COMMISSION EXPIRES JULY 17, 2022



FOR CLERK OF COURT'S USE ONLY

EASEMENT AREA TOTALS	
PERMANENT ESMT.	CONSTRUCTION ESMT.
0.13 ACRES (5,640 SF)	0.14 ACRES (5,914 SF)

SURVEYOR'S CERTIFICATION:

AS REQUIRED BY SUBSECTION (C) OF O.C.G.A. SECTION 15-6-67, I HEREBY CERTIFY THAT THIS MAP, PLAT, OR PLAN HAS
BEEN APPROVED FOR FILING, IN WRITING, BY THE AUGUSTA PLANNING COMMISSION OR THEIR AUTHORIZED DESIGNEE - THE AUGUSTA PLANNING & DEVELOPMENT DEPARTMENT; OR
BEEN AFFIRMED, IN WRITING, THAT APPROVAL IS NOT REQUIRED, BY THE AUGUSTA PLANNING COMMISSION OR THEIR AUTHORIZED DESIGNEE - THE AUGUSTA PLANNING & DEVELOPMENT DEPARTMENT.

NAME OF GOVERNMENTAL BODY AUGUSTA PLANNING & DEVELOPMENT DATE _____

SUCH APPROVALS OR AFFIRMATIONS SHOULD BE CONFIRMED WITH THE APPROPRIATE GOVERNMENTAL BODIES BY ANY PURCHASER AS TO INTENDED USE OF ANY PARCEL.

AS THE REGISTERED LAND SURVEYOR, I FURTHER CERTIFY THAT THIS MAP, PLAT, OR PLAN COMPLIES WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND THE GEORGIA SUPERIOR COURT CLERKS COOPERATIVE AUTHORITY.



DANIEL FIELD
AIRPORT

N/F AUGUSTA, GA
043-4-013-01-0

LEGEND

- PERMANENT UTILITY EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT UTILITY EASEMENT LINE
- TEMPORARY CONSTRUCTION EASEMENT
- PROPERTY BOUNDARY

REFERENCE(S):

1. PLAN OF 630 WATER SYSTEM 36" WATER MAIN - PHASE II BOND PROJECT NO. 10151 BY CRANSTON ENGINEERING GROUP, P.C. DATED 10/31/07.

TECHNICAL DATA:

DATE OF FIELD SURVEY - JAN - JULY, 2016
EQUIPMENT USED - THEODOLITE & EDM
ANGULAR ERROR - 10" / ANGLE
FIELD CLOSURE - 1 IN 20,000+
COMPASS ADJUSTMENT
PLAT CLOSURE - N/A

WRIGHTSBORO RD
(R/W VARIES)

POPEYE'S
N/F AUGUSTA, GA
043-4-014-00-0
2804 WRIGHTSBORO RD

TEMPORARY
CONSTRUCTION
EASEMENT AREA
3374 SF
0.08 ACRES

S27°51'51"E
21.92'

PROPOSED WATER LINE
STA: 12+75.28
OFFSET: 0.000
N 1261834.3749
E 697221.3134

N37°58'26"E
98.30'

CENTER LINE
PROPOSED 24"
D.I.P. WATER

TEMPORARY CONSTRUCTION
EASEMENT AREA
2540 SF
0.06 ACRES

S37°58'26"W
85.63'

N28°13'36"E
177.00'

N39°23'12"W
32.16'

S28°13'36"W
161.91'

S39°23'12"E
10.99'

S29°22'19"W
21.48'

PERMANENT UTILITY
EASEMENT AREA
5,640 SF
0.13 ACRES

PROPOSED WATER LINE
STA: 15+56.38
OFFSET: 0.000
N 1261596.7888
E 697099.8359

HIGHLAND AVE
(R/W VARIES)

N/F KEITH FAMILY
LIVING TRUST
043-4-015-02-0

N/F AUGUSTA, GA
043-4-015-01-0

EASEMENT PLAT
FOR

AUGUSTA, GEORGIA

PROPERTY LOCATED IN THE 88th G.M.D.

AUGUSTA, RICHMOND COUNTY, GEORGIA

SCALE: 1" = 30' AUGUST 31, 2016



PREPARED BY

Cranston Engineering Group, P.C.
ENGINEERS - PLANNERS - SURVEYORS

462 ELLIS STREET, AUGUSTA, GEORGIA 30901
POST OFFICE BOX 2546, AUGUSTA, GEORGIA 30908
TELEPHONE 706-723-1688
FACSIMILE 706-722-8879
me@cranstonengineering.com

SHEET 1 OF 1
2015-0309



U.S. Department
of Transportation
Federal Aviation
Administration

Atlanta Airports District Office
1701 Columbia Avenue, Room 220
College Park, Georgia 30337-2747
(404) 305-6799 FAX: (404) 305-6798

January 7, 2020

Mr. David Fields, Chairman
General Aviation Commission
Daniel Field Airport (DNL)
1775 Highland Avenue
Augusta, Georgia 30904

Release of Aeronautical Use Provisions
Federal Surplus Property Obligations
Daniel Field Airport (DNL)
Augusta, Georgia

Dear Mr. Fields:

This is in response to your letter dated August 28, 2019 (GDOT concurrence date October 11, 2019) requesting that 0.13 acres of land at the Daniel Field Airport, be released from the aeronautical use provision of the Surplus Property Quit Claim Deed dated May 29, 1949.

A release of the aeronautical use provision of real property transferred to the Airport Owner under the Surplus Property Act or 49 U.S.C. §47151 is only granted when it is clearly shown such property is no longer needed to directly support an airport purpose or activity and a non-aeronautical use of such property will benefit civil aviation by producing an equal or greater benefit to the airport than continued retention of the aeronautical use. Conversion of a real property asset into another form of asset, such as cash or physical improvements, can better serve the airport. This objective is not met unless an amount equal to the current fair market value (determined at \$34,114) of the property is realized as a consequence of the release and such amount is committed to airport purposes.

Under 49 U.S.C. §47153(c), FAA is required to provide at least a 30-day notice to the public regarding the requested release. The required notice was published in the Federal Register on November 29, 2019.

We have concluded that this property, as legally described in the enclosed property plat and description, meets the conditions mentioned previously for a release of the aeronautical use provision while fee simple ownership is still retained by the Airport Owner. We have also concluded that the release of aeronautical use provision and use of such land for non-aeronautical purposes (permanent utility easement) will not interfere with the operation, maintenance or future development of the airport.

By accepting this release, the Airport Owner agrees to:

- Update the Airport Layout Plan and Exhibit "A" Property Map within 90 days of acceptance of the release to reflect the change in use.
- Preserve unto itself, its successors and assigns, for the use and benefit of the public a right of flight for the passage of aircraft in the airspace above the surface of the real property hereinafter described, together with the right to cause in said airspace such noise as may be

inherent in the operations of aircraft, now known or hereafter used, for navigation of or flight in the said airspace, for use of said airspace for landing on, or taking off from or operating on the Daniel Field Airport.

- Expressly agree for itself, its successors and assigns, to restrict the height of structures, objects of natural growth and other obstructions on the hereinafter described real property to such a height so as to comply with the Code of Federal Regulations Title 14, Part 77.
- Expressly agree for itself, its successors and assigns, to prevent any use of the hereinafter described real property, which would interfere with the landing or takeoff of aircraft at the Daniel Field Airport or interfere with air navigation and or communication facilities serving the Daniel Field Airport or otherwise constitute an airport hazard, including wildlife hazards.

Please indicate your acceptance of these conditions by signing and completing the bottom portion of this letter and its enclosed duplicate and returning one copy to our office.

Sincerely,



Larry F. Clark
Manager

2 Enclosures

Accepted for Airport Owner:

By: _____

Title: _____

Date: _____

All that tract or parcel of land situate, lying and being in the 88th G.M.D. of Richmond County, Georgia and being more particularly described as follows:

Commencing at the intersection of the western r/w of Highland Avenue and the southern r/w of Wrightsboro Road (said point having Georgia State Plane Coordinates of 1261824.07 Northing, 697226.76 Easting), thence along the r/w chamfer North 27 degrees 51 minutes 51 seconds West for a distance of 0.80 feet to a point, said point being the POINT OF BEGINNING;

Thence leaving said right of way the following courses: South 37 degrees 58 minutes 26 seconds West for a distance of 85.63 feet to a point; thence South 28 degrees 13 minutes 36 seconds West for a distance of 161.91 feet to a point; thence South 39 degrees 23 minutes 12 seconds East for a distance of 10.99 feet to a point on the western right of way of Highland Avenue; thence along said right of way South 29 degrees 22 minutes 19 seconds West for a distance of 21.46 feet to a point; thence leaving the right of way of Highland Avenue the following courses: North 39 degrees 23 minutes 12 seconds West for a distance of 32.16 feet to a point; thence North 28 degrees 13 minutes 36 seconds East for a distance of 177.00 feet to a point; thence North 37 degrees 58 minutes 26 seconds East for a distance of 96.30 feet to a point on the southwestern right of way chamfer of Wrightsboro Road and Highland Avenue; thence along said right of way chamfer South 27 degrees 51 minutes 51 seconds East for a distance of 21.92 feet to a point; said point being the POINT OF BEGINNING;

As is more fully shown as "PERMANENT UTILITY EASEMENT AREA 5,640 SF 0.13 ACRE" on an easement plat prepared for AUGUSTA, GEORGIA by Cranston Engineering Group, P.C. dated August 31, 2016 reference to which is hereby made for a more complete description as to the metes, bounds and location of said property.



Engineering Services Committee Meeting

3/10/2020 1:20 PM

Easement Deed of Dedication and Release Agreement for Daniel Field

Department:	Augusta Utilities
Presenter:	Tom Wiedmeier
Caption:	Consider approving an Easement Deed of Dedication and a Release of Aeronautical Use Provisions for Daniel Field.
Background:	AUD is in the process of acquiring easements, for the Alternated Downtown Feed Water Main. To this end, an easement is needed across the Daniel Field Property.
Analysis:	The existing water main providing water to downtown Augusta is over 100 years old and in need of replacing. A project has been designed to provide a route for a new water main. This route call for the pipeline to cross the Daniel Field property, at the corner of Wrightsboro Road and Highland Avenue, where a Popeye's is located. Daniel Field and the General Aviation Commission have agreed, to the proposal. The FAA has also agreed, but require that the Release of Aeronautical Use Provisions Letter Agreement be signed. The property in question is across the street from the Highland Avenue WTP and is necessary, for this project.
Financial Impact:	\$34,114.00
Alternatives:	Disapprove an Easement Deed of Dedication and a Release of Aeronautical Use Provisions, for Daniel Field.
Recommendation:	Approve an Easement Deed of Dedication and a Release of Aeronautical Use Provisions, for Daniel Field.
Funds are Available in the Following Accounts:	G/L 514043410-5411110 J/L 81500110-5411110

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.

Clerk of Commission

AGREEMENT BETWEEN
THE CITY OF AUGUSTA
AND
THE GEORGIA MUNICIPAL ASSOCIATION, INC.
FOR TELECOMMUNICATIONS & RIGHT OF WAY MANAGEMENT

WHEREAS, the City of Augusta ("City") desires to provide regulation and oversight of cable television and other telecommunications services being provided to the citizens of the City;

WHEREAS, the Georgia Municipal Association, Inc. ("GMA") has available a telecommunications and right of way management service; and,

WHEREAS, the City has a need for such telecommunications and right of way management services.
THEREFORE, THE CITY AND GMA AGREE AS FOLLOWS:

Section 1. Services Provided to the City of Augusta

GMA agrees to provide, either directly or through its agents or subcontractors, the following consulting services, (all of which are explained more fully below) which are to be known as GMA's Telecommunications and Right of Way Management Service:

- a) Local Franchise Management, as more fully described in Section 2 of this agreement;
- b) State Issued Franchise Management, as more fully described in Section 3 of this agreement;
- c) Cellular Tower and PCS Tower Site Consultation Services, as more fully described in Section 4 of this agreement;
- d) Franchise Compliance Monitoring Services as more fully described in section 5 of this agreement.
- e) Right of Way Ordinance Development as more fully described in Section 6 of this agreement.

Section 2. Local Franchise Management

Local Franchise Management shall include assisting the City with the following:

- a) Facilitating the City's compliance with the 1984 and 1992 Federal Cable Acts, the Telecommunications Act of 1996 and the rules of the FCC affecting municipal regulation of cable and video service providers;
- b) Regulating cable rates for basic service, equipment and installation, and performing rate analysis to determine compliance with the Federal Communications Commission ("FCC") rate regulations, if the city is a rate regulator;
- c) Evaluating and responding to requests for approval of franchise grant, transfer, modification or renewal;

- d) Recommending and developing customer service standards for cable and video service providers; and
- e) Assisting with Public Educational and Government Channel (PEG) development and implementation issues.

Section 3. State Issued Franchise Management

State Issued Franchise Management shall include assisting the City as needed with the following based on O.C. G. A. 36-76-1 *et seq.*:

- a) Reviewing requests for state issued franchises submitted to the Secretary of State's Office to provide service within the city's corporate limits, including facilitating the Secretary of State's procedural processes related to the franchise fee percentage for a holder of a state issued franchise;
- b) Assisting with Public Educational and Government Channel (PEG) development and implementation issues;
- c) Reviewing requests for transfers of state issued franchises submitted to the Secretary of State's Office for service provided within the city's corporate limits; and
- d) Assisting with customer complaints rules as established by the Governor's Office of Consumer Affairs.

Section 4. Cellular and PCS Tower Site Consultation Services

Cellular and PCS and Tower Site Consultation Services shall include:

- a) Negotiating agreement between the city and any cellular or PCS provider for use of the city's property by the provider;
- b) Advising Cities on the provisions of tower site agreements for the use of public land;
- c) Informing Cities concerning federal policies related to siting of wireless technologies; and
- d) Referring Cities to engineering or other professional resources on an as needed basis.

Section 5. State and Local Franchise Compliance Monitoring Services

Franchise compliance monitoring services shall include systematically reviewing the cable operator's or video provider's compliance with the terms of certain aspects of a local or state issued franchise agreement to encompass the following:

- a) Upon receipt of revenue report forms from the city, monitor compliance with the definition of "gross revenue" and assist with recovery of any identified underpayments;
- b) Periodically perform a review of the franchisee's books and records to determine compliance with the definition of gross revenue and assisting with recovery of any identified underpayment;
- c) Advising government concerning conducting the local performance review of an operator's performance in compliance with provisions of a local franchise agreement;
- d) Reviewing funding or other issues related to the government channel, tower rental fees or pole agreement fees if applicable;
- e) Documenting operator's carriage of appropriate insurance coverage;
- f) Checking and documenting the status of system construction timeframes, if applicable;
- g) Handling and resolving subscriber complaints as referred;
- h) Monitoring operator's adherence to federal, state or local customer service standards;
- i) Notifying Cities of any identified areas of noncompliance and resolution of same or notification that the operator was found to be in compliance;

Section 6. Rights of Way Ordinance Development

- a) Review existing Rights of Way Ordinance to determine City's current rights of way practices;
- b) Review existing permit process and other ordinances that impact use and restoration of the rights of way;
- c) Evaluate current Rights of Way practices and recommend changes; and
- d) Provide updated Rights of Way Ordinance based on the unique needs of the city

Section 7. Other Services

In addition to the services outlined above, the City may obtain technical performance auditing of a cable operator or telecommunications company and technical assistance in the development of public, educational and governmental access channels and institutional networks as well as engineering consulting services concerning cellular tower siting. These other services may be obtained from GMA, its agents, employees or subcontractors. The parties to the agreement may execute an addendum or addenda to this agreement for the City to obtain such services; provided, however, the additional fee for each such additional service shall not exceed \$10,000.

Section 8. Effective Date, Renewal and Termination.

- a) This Agreement shall terminate absolutely and without further obligation on the part of the City at the close of the Calendar year in which it was executed and at the close of each succeeding Calendar year for which it may be renewed as provided for herein.

- b) This Agreement shall commence as March 27, 2017. It is automatically renewed for one-year calendar terms thereafter, unless terminated by either GMA or the City by giving 30 days advance written notice of such termination to the other party. GMA shall be entitled to payment for services rendered to the City, including compensation due for additional services rendered to the City, including compensation due for additional services reasonably substantiated by GMA as of the effective date of termination.
- c) The total obligation of the City under this Agreement for the calendar year of execution shall initially be \$9630.00. The total obligation of the City which will be incurred in each Calendar year renewal term shall be reflected in an annual invoice to be submitted to the City thirty (30) days prior to the due date. The invoice shall state the total amount of obligation for the upcoming year exclusive of amounts for any Other Services as the City may elect to obtain through the provisions of Section 6 of this agreement. The rendering of services by GMA or its subcontractors to the City after any renewal of this Agreement for such services shall result in additional obligations for the City.

Section 9. Hold Harmless and Indemnification.

Each party shall bear the responsibility for liability for negligence, errors or omissions of its own officers, agents, employees or subcontractors in carrying out this agreement. To the extent permitted by law, the City holds harmless GMA for liability for the negligence of the City, its officers, agents, employees, or subcontractors arising out of this agreement. GMA holds harmless the City for the negligence of GMA, its officers, agents, employees, or subcontractors arising out of this agreement. No agency relationship created for other purposes including but not limited to workers compensation and employee benefits and neither party or their officers, agents or employees shall be deemed employees of the other party.

Section 10. Agency

In addition by executing the attached Agent Representation Form the City designates GMA, its officers, agents, employees, and contractors as agents of the City for purposes of Section 635A of the Communications Act of 1934, as amended, the applicable provisions of the Local Government Antitrust Act of 1984 and O.C. G. A. 36-76-1 *et seq* known as the Georgia Consumer's Choice for Television Act of 2008.

Section 11. Amendments.

This contract may be amended by future written agreements executed on behalf of the City and GMA.

Section 12. Georgia Security and Immigration Compliance Act

GMA attests compliance with the requirements of O.C.G.A. §13-10-91 and Rule 300-10-1-.02 by the execution of the contractor affidavit attached as Appendix A as shown in Rule 300-10-1-.07, or a substantially similar contractor affidavit, which document is attached to and made a part of this contract as Exhibit A.

GMA agrees that, in the event GMA employs or contracts with any subcontractor(s) in connection with the covered contract, GMA will secure from such subcontractor(s) attestation of the subcontractor's compliance with O.C.G.A. 13-10-91 and Rule 300-10-1-.02 by the subcontractor's execution of the subcontractor affidavit shown in Rule 300-10-1-.08 or a substantially similar subcontractor affidavit, and

maintain records of such attestation for inspection by the City at any time.

Section 13. Law Applicable.

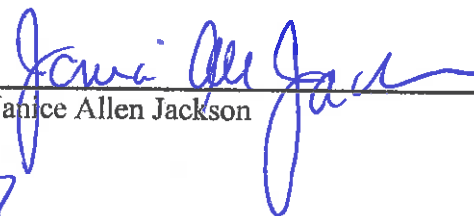
This agreement shall be construed under the laws of the State of Georgia.

Section 14. Consulting Services

None of the services provided pursuant to this agreement shall be regarded or treated as the practice of law or accountancy.

EXECUTED ON BEHALF OF THE CITY OF AUGUSTA THIS 23rd DAY OF MARCH, 2017.

CITY OF AUGUSTA:

By: 
Janice Allen Jackson
AGM
3/23/17

GEORGIA MUNICIPAL ASSOCIATION, INC.

By: 
Executive Director

**Georgia Municipal Association
Telecommunications and Right of Way Management Service**

AGENT REPRESENTATION FORM

The undersigned is a participant in the Georgia Municipal Association's (GMA) Telecommunications and Right of Way Management Service (TRM). GMA's TRM service provides assistance with all aspects of federal and state cable and video franchising, including but not limited to franchise renewals and modifications, state franchise application process, franchise fee reviews and customer service issues. As a participant in GMA's TRM service authorization is hereby granted to allow GMA's staff and/or subcontractors to act on the Participants behalf as listed above.

This AGENT REPRESENTATION FORM is effective upon date signed and until further notice.

Augusta, Georgia

Name of City, Town or County

535 Telfair Street

Street Address

Augusta

City

30901

Zip Code

(706) 821-2400

Phone #

(706) 821- 2819

Fax #

janice.jackson@augustaga.gov

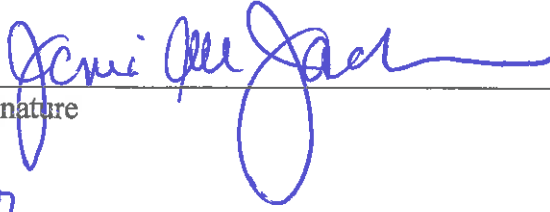
Email Address

Janice Allen Jackson

Submitted By – Print Name

Administrator

Title



Signature

3/24/17

Date

A6M
3/23/17



EXHIBIT A

GEORGIA MUNICIPAL ASSOCIATION
FEDERAL WORK AUTHORIZATION PROGRAM COMPLIANCE AFFIDAVIT

By executing this affidavit, the Georgia Municipal Association, Inc. ("GMA") verifies its compliance with O.C.G.A. §13-10-91, stating affirmatively that GMA, which is engaged in the physical performance of services in Georgia, 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, GMA will continue to use the federal work authorization program throughout the contract period and will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. §13-10-91(b). GMA hereby attests that its federal work authorization user identification number and date of authorization are as follows:

69371 November 26, 2007
Federal Work Authorization User Identification Number Date of Authorization

Cable and Telecommunications Management Services
Name of Project

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

Executed on FEBRUARY, 10 20 17, in Atlanta (city), Georgia (state).

Lamar Norton 2.16.17
BY: GMA Authorized Officer or Agent Date

Lamar Norton, Executive Director
Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN

BEFORE ME ON THIS THE

10th DAY OF February, 2017

Sandra Stodan
Notary Public

My Commission Expires:





**Engineering Services Committee Meeting
3/10/2020 1:20 PM**

**GEORGIA MUNICIPAL ASSOCIATION, INC. SERVICES FOR TELECOMMUNICATION AND
RIGHT OF WAY MANAGEMENT AUGUSTA ENGINEERING DEPARTMENT**

Department: Engineering

Presenter:

Caption: Approve and authorize Budget Transfer as a Separate Line Item to Augusta Engineering Department (AED) FY2020 Operational Budget to pay for Georgia Municipal Association, Inc. (GMA) FY2020 Services for Telecommunication and Right-of-Way Management. Also, approve such line funding in AED subsequent years operational budgets to pay for yearly future payments to GMA for such services. Requested by AED.

Background: Augusta, Georgia (City) right-of-way (ROW) usage is managed by Augusta Engineering (AED) by ROW encroachment permit and franchise agreement. Private and Public utilities, and telecommunication entities are significant users of ROW. In the past ROW usage by such entities was managed under Franchise Agreement. However, with increased demand for providing enhanced fast telecommunication services and expanding service areas, the state made significant changes in ROW usage regulations that resulted in managing City ROW very challenging. Accordingly, changing regulations warranted review of the collection of ROW usage fee under franchise agreement. For aforementioned reasons, AED sought GMA assistance in 2017. GMA has available resources to assist in compliance with state regulations and collection of ROW usage funds from the City ROW users.

Analysis: GMA services significantly contributed collecting ROW usage fees from user entities. GMA recently recovery included \$250,000 from Crown Castle and \$176,000 from Unitive Private network. Continuity of GMA services is critical to maintain compliance with changing regulations and fee recovery from ROW users.

Financial Impact:

GMA service fee for FY2020 is \$15,000. Expenditure would be charged to 101-04-1110/5211110

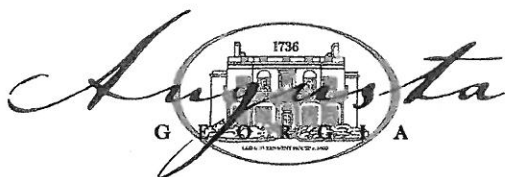
Alternatives: Do not approve and identify alternate funding source for GMA services payment. Or terminate GMA contact and face possibility of revenue loss.

Recommendation: Approve and Authorize Budget Transfer as a Separate Line Item to Augusta Engineering Department (AED) FY2020 Operational Budget to Pay for Georgia Municipal Association, Inc. (GMA) FY2020 Services for Telecommunication and Right-of-Way Management. Also, approve such line funding in AED subsequent years operational budgets to pay for yearly future payments to GMA for such services.

Funds are Available in the Following Accounts: FUNDS ARE AVAILABLE IN THE FOLLOWING ACCOUNTS: 101-04-1110/5212115 \$7,500 General Fund contingency \$7,500 Expenditure would be charged to 101-04-1110/5211110

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.
Clerk of Commission**



ENGINEERING DEPARTMENT

Hameed Malik, P.E., PhD, Director
Walt Corbin, P.E., Engineering Manager

Richard A. Holliday, Sr. Lead Design Engineer

MEMORANDUM

To: Hameed Malik, P.E., PhD
Director of Engineering

From: Richard A. Holliday, Sr. Lead Design Engineer *RAH*

Date: February 24, 2020

Subject: Certificate of Completion
Dedication of Granite Hill Section 4 Phase 2
Project Number: S-888

A final inspection has been conducted on the above referenced development. This development meets the standards and specifications set forth in the Augusta-Richmond County Development Regulations Guidelines outlined in the Land Development and Stormwater Technical Manuals. The submitted Deed of Dedication and 18-Month Warranty Agreement reads appropriately, with the language in both documents meeting criteria for dedication of the roadway systems and drainage systems within. The final plat was previously accepted by the Commission. Therefore, these development dedication documents are ready to present to the Commission for acceptance into the City's infrastructure system.

Thank you for your assistance on this matter. Please call if you have any questions or need additional information, 706-821-1706.

RAH

Attachments

cc: Rob Sherman, Interim Director of Planning and Development
Terri Turner, Development Services Administrator, Planning & Development
Walt Corbin, P.E., Engineering Manager
File

Return to:
Donald H. White, P.C.
Attorney at Law
924 Stevens Creek Rd., Ste. 101
Augusta, Ga. 30907
706-860-6810

STATE OF GEORGIA)
COUNTY OF RICHMOND)

DEED OF DEDICATION

THIS INDENTURE, made and entered into this ____ day of _____, by and between **CROWELL & CO., INC.** a Georgia corporation, hereinafter called "**Grantor**", which expression shall include the plural as well as the singular, and heirs, legal representatives, successors and assigns, where the context so requires or admits, and **AUGUSTA, GEORGIA**, a political subdivision of the State of Georgia, acting by and through the Augusta Commission, hereinafter called "**Grantee**", which expression shall include the plural as well as the singular, and heirs, legal representatives, successors and assigns, where the context so requires or admits.

WITNESSETH:

THAT THE GRANTOR, for and in consideration of the sum of Ten & 00/100 Dollars (\$10.00) and other good and valuable consideration paid by Grantee, the receipt and adequacy of which are hereby acknowledged by Grantor, has bargained, granted, sold, aliened, conveyed, and confirmed, and by these presents does bargain, grant sell, alien, convey and confirm unto Grantee, the property and property rights hereinafter described, to-wit:

All right, title and interest of the Grantor in and to the storm sewer system as the same are now located within deeded 60' R/W and additional drainage and utility easements as shown and delineated on a plat of GRANITE HILL, SECTION FOUR, PHASE TWO, as prepared by Southern Partners, Inc., dated April 4, 2019 and revised May 31, 2019, and recorded in Plat Book 13, page 581, et seq., in the Office of the Clerk of Superior Court of Richmond County, Georgia, reference being made to said plat for a more complete and accurate description of the metes, bounds, courses, dimensions and location of said property.

Additionally, the Grantor does hereby grant and convey unto the Grantee, an easement appurtenant for the discharge of stormwaters from said streets, roadways, alleys, and rights of way herein granted into any and all existing and future appurtenant stormwater structures, pipes,

channels, swales, basins, ponds, or any other device or manipulation of the land designed to hold or carry stormwaters away from said streets, roadways, alleys, and rights of way herein granted without charge, fee, or further consideration.

TOGETHER with all of the necessary rights of ingress and egress for the purpose of maintaining the described storm sewer system.

TOGETHER with:

All that lot or parcel of land shown and designated as Burlington Drive – 60' R/W; Holderness Court – 60' R/W; Humberstone Way – 60' R/W; and Meridian Way -- 60' R/W; all as shown on the above-referenced plat; and

TOGETHER with an easement to enter upon all areas shown as water system easements, drainage and utility easements, as shown on said plat.

TO HAVE AND TO HOLD said roads, property and easements, together with all and singular, the rights, members and appurtenances thereof to the same, being, belonging or in anywise appertaining to the only proper use, benefit and behoof of the said Grantee, its successors and assigns forever in FEE SIMPLE.

IN WITNESS WHEREOF, Grantor has hereunto set his/her hand and seal on the day and year first above written.

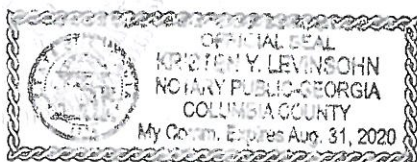
GRANTOR
CROWELL & CO., INC.

By: _____
As its: _____

Witness

Notary Public

County, Georgia



ACCEPTED BY:
AUGUSTA, GEORGIA

By: _____
Hardie Davis, Jr.
As Its: Mayor

Attest: _____
Its: Clerk

[CITY SEAL]

Return to:
Donald H. White, P.C.
Attorney at Law
924 Stevens Creek Rd., Ste. 101
Augusta, Ga. 30907
706-860-6810

STATE OF GEORGIA)
COUNTY OF RICHMOND)

MAINTENANCE AGREEMENT
(Road, Storm Sewer)

THIS AGREEMENT, made and entered into this ____ day of _____, by and between **CROWELL & CO., INC.** a Georgia corporation, hereinafter called "**Developer**", which expression shall include the plural as well as the singular, and heirs, legal representatives, successors and assigns, where the context so requires or admits, hereinafter referred to as "Developer", and **AUGUSTA, GEORGIA**, a political subdivision of the State of Georgia, acting by and through the Augusta Commission, hereinafter called "Augusta".

WITNESSETH:

WHEREAS, Developer requested that Augusta accept a portion of road, named "Burlington Drive" (60-ft. R/W); a road, named "Holderness Court" (60-ft. R/W); a portion of road, named "Meridian Way" (60-ft. R/W); and a portion of road, named "Humberside Way" (60-ft. R/W); and additional drainage and utility easements and appurtenances for Granite Hill, Section Four, Phase Two, as shown by deed contemporaneously tendered and recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia, in Realty Book ____, page ____, and

WHEREAS, the City has adopted a policy requiring the Developer to maintain all installations laid or installed by Developer for a period of eighteen months, which Augusta accepts by deed;

NOW THEREFORE, in consideration of the premises, the expense previously incurred by Developer and the mutual agreements hereinafter set out, IT IS AGREED that

(1) Augusta, Georgia accepts the roads, storm sewer system within deeded R/W and additional drainage and utility easements, respectfully described in the deed contemporaneously tendered herewith to the Augusta, Georgia Commission, recorded in the Office of the Clerk of the Superior Court of Richmond County, Georgia, in Realty Book ____, page ____.

(2) The Developer agrees to maintain all the installations laid or installed in said development as described in said deed for a period of eighteen months from the date installation is accepted by the Augusta Commission and included in the Augusta, Georgia road system.

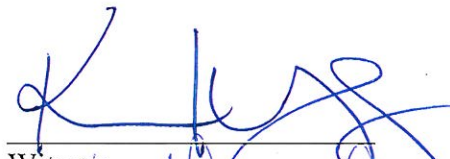
(3) The Developer agrees that if during said eighteen-month period there is a failure of the installations laid or installed in said development described in the deed due to failure of material, or poor workmanship, the Developer shall be responsible for adequate maintenance and repair.

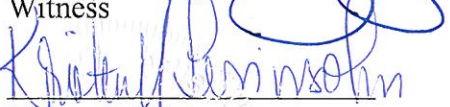
(4) In the event of such failure of the improvements, Augusta shall notify the Developer and set forth in writing the items in need of repair. The Developer shall present within fifteen business days its proposed plan of repair and shall have the repairs completed at a reasonable time, as determined by Augusta.

(5) In the event of an emergency, as determined by Augusta, the Developer is unable to respond in a timely manner, Augusta shall be authorized to erect barricades, traffic direction devices and such other temporary measures as are necessary to remedy the emergency nature of the problem at the Developer's expense and to allow the Developer time to make the needed repairs.

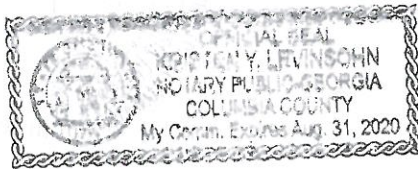
(6) In the event the Developer fails to comply with the terms of this agreement, then Augusta shall proceed to have the necessary corrective work done, and the Developer agrees to be responsible to Augusta for payment in full of costs of repairing the improvements due to failure of material or poor workmanship as liquidated damages.

IN WITNESS WHEREOF, Developer has hereunto set its hand and seal, and Augusta has caused the execution of this Agreement by and through its duly authorized officers and agents, with its seal affixed, the day and year first above written.

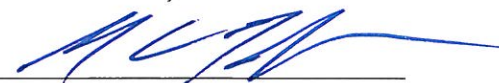


Witness


Notary Public
County, Georgia



DEVELOPER:
CROWELL & CO., INC.

By: 
As its: _____

AUGUSTA, GEORGIA

By: _____
Hardie Davis, Jr.
As Its: Mayor

Attest: _____
Its: Clerk

[CITY SEAL]

SUBDIVISION: Granite Hill, Section Four, Phase Two

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Holderness Court is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Augusta, Georgia desires to make Holderness Court a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta Commission of Augusta, Georgia, that Holderness Court is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:

Beginning at Burlington Drive

Extending East then North approx. 700' to cul-de-sac

- (b) Length of road to nearest 1/100th mile:

0.13 mile

- (c) Width & type of road surface:

31 foot from back of curb to back of curb;
Type E Asphalt

- (d) Right-of-Way:

60 foot

The Augusta Commission is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____

SUBDIVISION: Granite Hill, Section Four, Phase Two

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Burlington Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Augusta, Georgia desires to make Burlington Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta Commission of Augusta, Georgia, that Burlington Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at existing Burlington Drive
Extending southward approx. 1294.9 feet
- (b) Length of road to nearest 1/100th mile:
0.25 mile
- (c) Width & type of road surface:
31 foot from back of curb to back of curb;
Type E Asphalt
- (d) Right-of-Way:
60 foot

The Augusta Commission is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____

SUBDIVISION: Granite Hill, Section Four, Phase Two

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Meridian Way is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Augusta, Georgia desires to make Meridian Way a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta Commission of Augusta, Georgia, that Meridian Way is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at Burlington Drive
Extending West approx. 170'
- (b) Length of road to nearest 1/100th mile:
0.03 mile
- (c) Width & type of road surface:
31 foot from back of curb to back of curb;
Type E Asphalt
- (d) Right-of-Way:
60 foot

The Augusta Commission is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Humberside Way is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Augusta, Georgia desires to make Humberside Way a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta Commission of Augusta, Georgia, that Humberside Way is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
Beginning at Burlington Drive
Extending Southwest approx. 174.6'
- (b) Length of road to nearest 1/100th mile:
0.03 mile
- (c) Width & type of road surface:
31 foot from back of curb to back of curb;
Type E Asphalt
- (d) Right-of-Way:
60 foot

The Augusta Commission is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

AUGUSTA, GEORGIA

BY: _____
As Its Mayor

Attest: _____

STATE OF GEORGIA

COUNTY OF RICHMOND

DEED OF DEDICATION

GRANITE HILL, SECTION FOUR, Phase Two
[Water Distribution System and Gravity Sanitary Sewer System]

WHEREAS, CROWELL & CO., INC., a corporation established under the laws of the state of Georgia, hereinafter known as "**DEVELOPER**", owns a tract of land in Augusta-Richmond County, Georgia, off Gordon Highway (US 78), known as Granite Hill, Section Four, Phase Two, and in the building of a housing subdivision on said tract, has laid out a water distribution system and gravity sanitary sewerage system, in said subdivision; and

WHEREAS, it is the desire of **DEVELOPER**, to deed the water distribution system and the gravity sanitary sewer to **AUGUSTA, GEORGIA**, (hereinafter known as "**AUGUSTA**"), a political subdivision acting by and through the Augusta-Richmond County Commission for maintenance and control; and

WHEREAS, a final plat, of the above stated subdivision, was prepared by Southern Partners, Inc., dated April 4, 2019, revised May 31, 2019, said plat being recorded as being recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, in Plat Reel 13, Page 581, to which reference to both is hereby made for a more complete and accurate description as to the land herein described; and

WHEREAS, **AUGUSTA**, by and through the Augusta-Richmond County Commission, has consented and agreed to accept and maintain said water distribution system and gravity sanitary sewerage system; and

WHEREAS, **DEVELOPER** has agreed that neither **AUGUSTA**, nor any of its departments, shall maintain individual force mains and/or grinder pumps and that said individual force mains and/or grinder pumps shall remain private;

NOW, THEREFORE, this indenture made this ____ day of _____, 2020 between **DEVELOPER** and **AUGUSTA**,

WITNESSETH:

That **DEVELOPER**, for and in consideration of the sum of Ten and no/100 (\$10.00) Dollars, to it in hand well and truly paid by **AUGUSTA**, at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged and for the further consideration of the benefits to its property by the maintenance of said water distribution system and gravity sanitary sewerage system, by **AUGUSTA**, has and does by these presents, grant, bargain, sell and confirm unto **AUGUSTA**, its successors and assigns, the following, to-wit:

Exclusive 20 foot easement(s) in perpetuity over the water distribution system and the gravity sanitary sewerage system, as shown on the aforementioned drawings.

Together with all of the necessary rights of ingress and egress for the purpose of maintaining, expanding, repairing, adding, constructing, installing, extending, operating, replacing, laying and relaying pipelines carrying and transporting Augusta's utilities services; along with the further right to stretch communication lines, or other lines, for the use of **AUGUSTA**, its assigns, representatives, agents, and designees, upon or under said land, within said easement, with the necessary cables, wires, apparatus, fixtures and appliances; and with the right to assign this easement in whole or in part; and

DEVELOPER does further agree that when construction or maintenance is necessary, **AUGUSTA** may dig such trenches in said property, as may be necessary for the project; to pile and store thereon the material excavated, and to haul and store pipe, supplies and equipment connected with the construction and maintenance thereof, over, along, and across the said property, along with the free right of ingress and egress to and from said permanent easements for these purposes.

DEVELOPER also grants **AUGUSTA** the right, but not the duty, to clear and keep clear, all trees, undergrowth and other obstructions from said permanent easement, along with the right of free ingress and egress to and from said permanent easement for this purpose.

DEVELOPER further agrees that no trees or other vegetation that may interfere with the constructing, laying, relaying, replacing, installing, adding, expanding, extending, operating, repairing and maintaining of pipelines transporting and carrying utility services shall be planted on said easement(s) and that no buildings, structures, or other permanent improvements shall be erected, constructed, or maintained thereon; and, if such prohibited trees, vegetation, buildings structures, or other permanent structures (hereinafter referred to as "obstructions") are placed, built, planted within said permanent easements, such action will be considered a violation of this agreement and Augusta shall have the absolute right to immediately remove, or have removed, such obstructions and shall bear no responsibility, or liability, for said obstruction's value.

TO HAVE AND TO HOLD said water distribution system and gravity sanitary sewerage system, together with all and singular, the rights, members, appurtenances thereof to the same being, belonging, or in anywise appertaining to the only proper use, benefit and behoof of **AUGUSTA**, its successors and assigns forever.

AND DEVELOPER, its heirs, legal representatives, successors and assigns, will warrant and defend the right and title to the above described property, to **AUGUSTA**, its successors and assigns, against all claims of all persons whosoever.

IN WITNESS WHEREOF, **DEVELOPER** has hereunto set its hand and affixed its seal the day and year first above written.

Signed, sealed and delivered in
the presence of

Witness

Notary Public

State of

County of

My Commission Expires:

CROWELL & CO., INC.

By:

O. Lamar Crowell, Jr.

As Its: CEO

Attest:

Mark L. Gilliam

As Its: CFO and Secretary

ACCEPTED BY:

AUGUSTA, GEORGIA

By:

Hardie Davis, Jr.
As its Mayor

Attest:

Clerk of Commission

(SEAL)

STATE OF GEORGIA
COUNTY OF RICHMOND

MAINTENANCE AGREEMENT
GRANITE HILL, SECTION FOUR, Phase Two
(Water Distribution System and Gravity Sanitary Sewer Main)

THIS AGREEMENT, entered into this _____ day of _____, 2020, by and between CROWELL & CO., INC., a corporation established under the laws of the state of Georgia, hereinafter referred to as the "**DEVELOPER**", and AUGUSTA, GEORGIA, a political subdivision of the State of Georgia, hereinafter referred to as the "**AUGUSTA**":

WITNESSETH

WHEREAS, the **DEVELOPER** has requested that **AUGUSTA** accept the water distribution system and the gravity sanitary sewer main, for the subdivision known as Granite Hill, Section Four, Phase Two, as shown by a Deed of Dedication, contemporaneously tendered and recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, with this document; and

WHEREAS, **AUGUSTA** has adopted a policy requiring the **DEVELOPER** to maintain those installations and systems laid or installed in the subdivision, which **AUGUSTA** does accept by Deed, for a period of eighteen months;

NOW, THEREFORE, in consideration of the premises, the expense previously incurred by the **DEVELOPER** and the mutual agreement hereinafter set out, IT IS AGREED that:

(1) **AUGUSTA** accepts the water distribution system and gravity sanitary sewer main for the subdivision, respectively described in the Deed contemporaneously tendered herewith to the Augusta-Richmond County Commission and that said water distribution system and gravity sanitary sewer main were duly inspected by the Augusta Utilities Department, and said systems did pass said inspection.

(2) The **DEVELOPER** agrees to maintain all the installations laid or installed in said subdivision as described in said Deed for a period of eighteen months from the date of the acceptance of said Deed of Dedication by the Augusta-Richmond County Commission.

(3) The **DEVELOPER** agrees that, if during said eighteen month period there is a failure of the installations laid or installed in said subdivision described in the Deed due to failure or poor workmanship, the **DEVELOPER** shall be responsible for adequate maintenance and repair.

(4) In the event of such failure of the improvements, **AUGUSTA** shall notify the **DEVELOPER** and set

forth in writing the items in need of repair. The **DEVELOPER** shall present, within fifteen business days of the date of said writing, its proposed plan of repair and shall have the repairs completed in a reasonable time, as determined by **AUGUSTA**.

(5) If, in the event of an emergency, as determined by **AUGUSTA**, the **DEVELOPER** is unable to respond in a timely manner, **AUGUSTA** shall be authorized to erect barricades, traffic direction devices and such other temporary measures as are necessary to remedy the emergency nature of the problem at the **DEVELOPER'S** expense and allow the **DEVELOPER** time to make the needed repairs.

(6) In the event the **DEVELOPER** fails to comply with the terms of this agreement, then the **CITY** shall proceed to have the necessary corrective work done, and the **DEVELOPER** agrees to be responsible to **AUGUSTA** for payment, in full, of the costs of repairing the improvements due to failure of material or poor workmanship as liquidated damages.

IN WITNESS WHEREOF, the **DEVELOPER** has hereunto set its hand and seal and **AUGUSTA** has caused the execution of this agreement by and through its duly authorized officers and agents, with its seal affixed, the day and year first above written.

Signed, sealed and delivered in
the presence of

Witness
Kristen Perinsohn
Notary Public

State of Georgia
County of Columbia

My Commission Expires: Aug 31, 2020

CROWELL & CO., INC.

By: O. Lamar Crowell, Jr.
As Its: CEO

Attest: Mark L. Gilliam
As Its: CFO and Secretary

ACCEPTED BY:
AUGUSTA, GEORGIA

By: Hardie Davis, Jr.
As its Mayor

Attest: Clerk of Commission

(SEAL)



**Engineering Services Committee Meeting
3/10/2020 1:20 PM
GRANITE HILL, SECTION FOUR, PHASE TWO,**

Department:	Engineering
Presenter:	Hameed Malik, P.E., PhD, Director
Caption:	Approve the deeds of dedication, maintenance agreements, and road resolutions submitted by the Engineering Department and the Augusta Utilities Department for Granite Hill Subdivision, Section Four, Phase Two.
Background:	The final plat for Granite Hill, Section Four, Phase Two, was approved by the Commission on June 18, 2019. The subdivision design and plat for this section, including the storm drain system, have been reviewed and accepted by our engineering staff and the construction has been reviewed by our inspectors. The Utilities Department has inspected and reviewed the water and sanitary sewer installations, and hereby requests acceptance of the utility deed.
Analysis:	This section meets all codes, ordinances and standards. There are no wetlands or 100-year flood plain boundaries involved in this section. Acceptance of said utility deed shall dedicate, as required, the water and sanitary sewer mains along with the applicable easements to Augusta, Georgia for operation and maintenance.
Financial Impact:	By accepting these roads and storm drainage installations into the County system and after the 18-month maintenance warranty by the developer/contractor for the road and storm drainage has expired, all future maintenance and associated costs will be borne by Augusta, Georgia. By acceptance of the utility deed and maintenance agreement, all future maintenance and associated costs for water and sanitary sewer installations will be borne by Augusta, Georgia, and positive revenue will be generated from the sale of water and sanitary sewer taps and monthly billing of same.
Alternatives:	

1. Approve the deeds of dedication, maintenance agreements, and road resolutions submitted by the Engineering and Augusta Utilities Departments for Granite Hill, Section Four, Phase Two.
2. Do not approve and risk litigation.

Recommendation: Approve Alternative Number One.

**Funds are
Available in the
Following
Accounts:** N/A

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.
Clerk of Commission**



Engineering Services Committee Meeting Commission Chamber - 2/11/2020

ATTENDANCE:

Present: Hons. M. Williams, Chairman; Hasan, Vice Chairman; Garrett, member.

Absent: Hons. Hardie Davis, Jr., Mayor; Frantom, member.

ENGINEERING SERVICES

1. Mr. Corey Rogers Lucy C. Laney Museum of History regarding historical markers and monuments in the City of Augusta. (Requested by Commissioner Bill Fennoy) **Item Action:** Rescheduled

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
	It was the consensus of the committee that this item be referred to the next committee meeting.			

2. Award Bid Item #19-008 for HDPE Pipe and Fittings Annual Contract. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Ben Hasan	Commissioner Brandon Garrett	Passes

3. Receive recommendations from staff regarding the use of TIA Discretionary funds to repair Barnes and Stevens Roads. (Referred from January 28 Engineering Services) **Item Action:** Rescheduled

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve receiving this item as information and getting a report back at the April meeting. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

4. Motion to approve the minutes of the Engineering Services Committee held on January 28, 2020. **Item Action: Approved**

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Brandon Garrett	Commissioner Ben Hasan	Passes

5. Consider approving and accepting a sanitary sewer easement from Thomas Concrete of South Carolina, Inc. **Item Action: Approved**

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve with no costs. Motion Passes 3-0.	Commissioner Ben Hasan	Commissioner Brandon Garrett	Passes

6. Consider approval of supplemental funding for on-call engineering services by Alfred Benesch & Company for Utilities Department on Fort Gordon. **Item Action: Approved**

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve				Passes

Motion to
approve.
Motion Passes
3-0.

Commissioner
Ben Hasan

Commissioner
Brandon Garrett

www.augustaga.gov



**Engineering Services Committee Meeting
3/10/2020 1:20 PM
Minutes**

Department:

Presenter:

Caption: Motion to approve the minutes of the Engineering Services Committee held on February 11, 2020.

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

**Funds are
Available in the
Following
Accounts:**

REVIEWED AND APPROVED BY:



STATE OF GEORGIA
RICHMOND COUNTY

MAJOR PROJECTS
CONTRACTOR SERVICES AGREEMENT
BETWEEN
AUGUSTA, GEORGIA
(CITY)

AND

GEORGIA-CAROLINA PAVING COMPANY

CONTRACTOR: Georgia-Carolina Paving Company

PROJECT: On-Call Asphalt and Concrete Curb, Gutter, and Sidewalk Repair

DATE EXECUTED:

DATE COMPLETED:



Revision date: September 28, 2000

CONTRACT DOCUMENTS AND SPECIFICATIONS
FOR
**SANITARY SEWER CONNECTION PROGRAM
SERVICES**

Augusta, Georgia

The Honorable Hardie Davis, Jr., Mayor

Commissioners:

William Fennoy
Dennis Williams
Sammie Sias
Ben Hasan
Bill Lockett
Sean Franton
Mary Davis
Wayne Guilfoyle
Marion Williams
Grady Smith

Tom D. Wiedmeier
Director, Augusta Utilities Department

Augusta Utilities Department
360 Bay Street, Suite 180
Augusta, GA 30901

DATE



STATE OF GEORGIA
RICHMOND COUNTY

MAJOR PROJECTS
CONTRACTOR SERVICES AGREEMENT
BETWEEN
AUGUSTA, GEORGIA
(CITY)

AND

GEORGIA-CAROLINA PAVING COMPANY

This Agreement is made and entered into this 11th day of April, 2016
by and between AUGUSTA, Georgia, a political subdivision of the State of Georgia, hereinafter
called the "CITY" and GEORGIA-CAROLINA PAVING COMPANY a Corporation authorized to
do business in Georgia, hereinafter called the "CONTRACTOR."

WHEREAS, the CITY desires to engage a qualified and experienced consulting firm to furnish
professional services for:

On-Call Asphalt and Concrete Curb, Gutter, and Sidewalk Repair and,

WHEREAS, the CONTRACTOR has represented to the CITY that it is experienced and qualified to
provide the services contained herein and the CITY has relied upon such representation.

NOW, THEREFORE, in consideration of the mutual promises and covenant herein contained, it is
agreed by and between the CITY and the CONTRACTOR that:

The CONTRACTOR scope of work will consist of evaluating and repairing hydrants and valves as
assigned by AUD team. The scope will also include allowing AUD staff to shadow CONTRACTOR
so as to establish a policy and procedure for this program for future in-house use.

The scope of services is more precisely defined in Attachment A Scope of Services.



GENERAL PROVISIONS

CONTRACTOR has agreed, in this Agreement with CITY to provide the on-call services of providing asphalt and concrete for the various projects in accordance with the requirements as outlined in and attached as Attachment A – Scope of Services and other relevant data defining the Project.

CONTRACTOR COORDINATION

The CONTRACTOR shall cooperate fully with all municipalities, local government officials, utility companies, and other CONTRACTORS as directed by the CITY. CITY, CONTRACTOR and all relevant parties agree to work together on the basis of trust, good faith and fair dealing, and shall take actions reasonably necessary to enable each other to perform this Agreement in a timely, efficient and economical manner. All parties agree to cooperate in a manner consistent with good design practice and will exercise the degree of skill and diligence normally employed by professional engineers or CONTRACTORS practicing under similar conditions. CONTRACTOR will re-perform any services not meeting this standard without additional compensation.

AMENDMENTS TO AGREEMENT

Every amendment to the Scope of Services shall become and is hereby made a part of this Agreement. Amendments must be fully executed by both the CONTRACTOR and CITY to be valid.

REDUCTION IN REQUIRED SERVICES

If reductions in the required services are ordered by CITY, the credits shall be the amounts for such services as described in subsequently executed Amendments to this Agreement, and no claim for damages for anticipated profits shall accrue to the CONTRACTOR.

DATE CHANGES

If in this Agreement specific periods of time for rendering services are set forth or specific dates by which services are to be completed are provided and if such periods of time or dates are changed through no fault of CONTRACTOR, the rates and amounts of compensation provided for herein shall be subject to equitable adjustment.

AGREEMENT MODIFICATIONS

This Agreement shall not be modified except by a duly executed Amendment hereto in writing under the hands and seals of both parties hereto.



TIME OF COMPLETION

The time of completion shall be as described in the schedule attached hereto as Attachment D - Schedule.

This Agreement shall terminate immediately and absolutely at such time as appropriated and otherwise obligated funds are no longer available to satisfy the obligations of the CONTRACTOR on behalf of the CITY under this Agreement. However, CONTRACTOR will be compensated for all work prior to termination of contract even if the CITY has obligated the funds to other projects.

PROJECT PROGRESS

CONTRACTOR'S services and compensation under this Agreement have been agreed to in anticipation of the orderly and continuous progress of the Project through completion.

BINDINGS

It is further agreed that the CITY and CONTRACTOR each binds itself and themselves, its or their successors, executors, administrators and assigns to the other party to this Agreement and to its or their successors, executors and assigns in respect to all covenants of this Agreement. Except as above, neither CITY nor the CONTRACTOR shall assign, sublet or transfer its or their interest in this Agreement without prior written consent of the other party hereto.

EXTENT OF THE AGREEMENT

This Agreement represents the entire agreement between CITY and CONTRACTOR and supersedes all prior negotiations, representations and agreements, either written or oral.



DEFINITIONS

Wherever used in this Agreement, whether in the singular or in the plural, the following terms shall have the following meanings:

Agreement Execution - means the date on which CONTRACTOR executes and enters into an Agreement with CITY to perform the Work.

Agreement Price - means the total monies, adjusted in accordance with any provision herein, payable to the CONTRACTOR under this Agreement.

CITY - means a legal entity AUGUSTA, Georgia, a political subdivision of the State of Georgia.

CONTRACTOR - means the party or parties contracting directly with the CITY to perform Work pursuant to this Agreement.

Contract - means the Agreement Documents specifically identified and incorporated herein by reference.

Contract Time - means the period of time stated in this Agreement for the completion of the Work.

Subcontractor - means any person, firm, partnership, joint venture, company, corporation, or entity having a contractual agreement with CONTRACTOR or with any of its subcontractors at any tier to provide a part of the Work called for by this Agreement.

Supplemental Agreement - means a written order to CONTRACTOR signed by CITY and accepted by CONTRACTOR, effecting an addition, deletion or revision in the Work, or an adjustment in the Agreement Price or the Contract Time, issued after execution of this Agreement.

Task Order - means a written order specifying a Scope of Services, time of completion and compensation limit for services being provided by CONTRACTOR. Task Orders shall be incorporated by reference as part of the Supplemental Conditions of this Agreement.

Work - means any and all obligations, duties and responsibilities, including furnishing equipment, engineering, design, workmanship, labor and any other services or things necessary to the successful completion of the Project, assigned to or undertaken by CONTRACTOR under this Agreement.



CONTRACT DOCUMENTS

List of Documents

The Agreement, the General Conditions, the Attachments, and any Supplemental Agreements, including Task Orders shall constitute the Agreement Documents (the "Agreement").

Conflict and Precedence

The Agreement Documents are complementary, and what is called for by one is as binding as if called for by all. In the event there are any conflicting provisions or requirements in the component parts of this Agreement, the several Agreement Documents shall take precedence in the following order:

1. Agreement - Including Attachments
2. General Conditions
3. Supplemental Conditions - Including Task Orders
4. Bid Package Documents



GENERAL CONDITIONS

1. COMMENCEMENT OF WORK

The performance of services as defined in the Prime Agreement between CONTRACTOR and the CITY, and herein described in this Agreement as Attachment A shall be commenced upon receipt by the CONTRACTOR of a written Notice To Proceed. The effective date of services shall be defined in the Notice To Proceed.

2. PROFESSIONAL STANDARDS

The standard of care for all services performed or furnished by CONTRACTOR under this Agreement will be the level of care and that is ordinarily used by members of CONTRACTOR'S profession practicing under similar conditions.

3. CHANGES AND EXTRA WORK

The CITY may, at any time, request changes in the work to be performed hereunder. All such changes, including any increase or decrease in the amount of the CONTRACTOR's compensation, which are mutually agreed upon by and between the CITY and the CONTRACTOR, shall be incorporated in written Supplemental Agreements to the Agreement.

Changes that involve an increase in the compensation shall be considered major, and require the approval of the CITY.

4. PERSONNEL

The CONTRACTOR represents that it has secured or will secure, at its own expense, all personnel necessary to complete this Agreement; none of whom shall be employees of, or have any contractual relationship with, the CITY. All of the services required hereunder will be performed by the CONTRACTOR under its supervision, and all personnel engaged in the work shall be qualified and shall be authorized or permitted under law to perform such services.

All key professional personnel, including subcontractors, engaged in performing services for the CONTRACTOR under this agreement are indicated in a personnel listing attached hereto as Attachment C - Listing of Key Personnel and incorporate herein by reference. No changes or substitution shall be permitted in the CONTRACTOR's Key Personnel without the prior written approval of the CITY or his designee.

The CONTRACTOR shall employ only persons duly registered in the appropriate category in responsible charge of supervision and design of the work. The CONTRACTOR shall endorse all reports, contract plans, and survey data. Such endorsements shall be made by a person duly registered in the appropriate category by the Georgia State Board of Registration for Professional Engineers and Land Surveyors, being in the full employ of the CONTRACTOR and responsible for the work prescribed by this Agreement.



5. ACCURACY OF WORK

The CONTRACTOR shall be responsible for the accuracy of the work and shall promptly correct errors and omissions in its plans and specifications without additional compensation. The CONTRACTOR shall give immediate attention to these changes so there will be a minimum of delay to others.

Acceptance of the work by the CITY will not relieve the CONTRACTOR of the responsibility for subsequent correction of any errors and the clarification of any ambiguities.

6. CONFIDENTIALITY

The CONTRACTOR agrees that its conclusions and any reports are for the confidential use and information of the CITY and that it will not disclose its conclusions in whole or in part to any persons whatsoever, other than to submit its written documentation to the CITY, and will only discuss the same with it or its authorized representatives. Upon completion of this Agreement term, all documents, drawings, reports, maps, data and studies prepared by the CONTRACTOR pursuant thereto shall become the property of the CITY and be delivered thereto.

Articles, papers, bulletins, reports, or other materials reporting the plans, progress, analyses, or results and findings of the work conducted under this Agreement shall not be presented publicly or published without prior approval in writing of the CITY.

It is further agreed that if any information concerning the PROJECT, should be released by the CONTRACTOR without prior approval from the CITY, the release of same shall constitute grounds for termination of this Agreement without indemnity to the CONTRACTOR, but should any such information be released by the CITY or by the CONTRACTOR with such prior approval, the same shall be regarded as public information and no longer subject to the restrictions of this Agreement.

7. OPEN RECORDS

CONTRACTOR acknowledge that all records relating to this Agreement and the services to be provided under the contract may be a public record subject to Georgia's Open Records Act (O.C.G.A. § 50-18-70, et seq.). CONTRACTOR shall cooperate fully in responding to such request and making all records, not exempt, available for inspection and copying as provided by law.

8. JURISDICTION

The law of the State of Georgia shall govern the CONTRACT between CITY and CONTRACTOR with regard to its interpretation and performance, and any other claims related to this agreement.

All claims, disputes and other matters in question between CITY and CONTRACTOR arising out of or relating to the Agreement, or the breach thereof, shall be decided in the Superior Court of Richmond County, Georgia. The CONTRACTOR, by executing this Agreement, specifically consents to jurisdiction and venue in Richmond County and waives any right to contest the jurisdiction and venue in the Superior Court of Richmond County, Georgia.



9. TERMINATION OF AGREEMENT FOR CAUSE

If through any cause, the CONTRACTOR shall fail to fulfill in a timely and proper manner its obligations under this Agreement, or if the CONTRACTOR shall violate any of the covenants, agreements or stipulations of this Agreement, CONTRACTOR will be given the opportunity to commence correction of obligation within 5 days of written notice and diligently complete the correction thereafter. Failure to maintain the scheduled level of effort as proposed and prescribed, or deviation from the aforesaid schedule without prior approval of the CITY, shall constitute cause for termination. The CITY shall thereupon have the right to terminate this Agreement by giving written notice to the CONTRACTOR of such termination, and specifying the effective date thereof, at least five (5) days before the effective date of such termination. In such event, all finished or unfinished documents, maps, data, studies, work papers and reports prepared by the CONTRACTOR under this Agreement shall become the property of the CITY, and the CONTRACTOR shall be entitled to receive just and equitable compensation for any satisfactory work completed on such documents, as mutually agreed by the CITY and CONTRACTOR.

9.1 SPECIFIED EXCUSES FOR DELAY OR NON-PERFORMANCE

CONTRACTOR is not responsible for delay in performance caused by hurricanes, tornadoes, floods, and other severe and unexpected acts of nature. In any such event, the contract price and schedule shall be equitably adjusted.

10. TERMINATION FOR CONVENIENCE OF THE CITY

The CITY may terminate this contract in part or in whole upon written notice to the CONTRACTOR. The CONTRACTOR shall be paid for any validated services under this Contract up to the time of termination.

CITY may, at any time and without cause, suspend the Work or any portion thereof for a period of not more than ninety days by notice in writing to CONTRACTOR which will fix the date on which Work will be resumed.

11. COORDINATION AND COOPERATION WITH OTHER UTILITIES AND CONTRACTORS

CONTRACTOR shall thoroughly research all utility records to identify the existing facilities on the submitted roadway plans for avoidance, or resolution, of conflicts with the proposed Scope of Services.

If the CITY undertakes or awards other contracts for additional related work, the CONTRACTOR shall fully cooperate with such other CONTRACTORS and the CITY employees or appointed committee(s), and carefully fit its own work to such additional work as may be directed by the CITY. The CONTRACTOR shall not commit or permit any act which will interfere with the performance of work by any other CONTRACTOR or by CITY employees.



12. COVENANT AGAINST CONTINGENT FEES

The CONTRACTOR warrants that no person or selling agency has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by CONTRACTOR for the purpose of securing business and that the CONTRACTOR has not received any non-CITY fee related to this Agreement without the prior written consent of the CITY. For breach or violation of this warranty, the CITY shall have the right to annul this Agreement without liability or at its discretion to deduct from the Agreement Price of consideration the full amount of such commission, percentage, brokerage or contingent fee.

13. RESPONSIBILITY FOR CLAIMS AND LIABILITY

The CONTRACTOR shall be responsible for any and all damages to properties or persons caused by its employees, subcontractors, or agents, and shall hold harmless the CITY, its officers, agents and employees from all suits, claims, actions or damages of any nature whatsoever to the extent found to be resulting from the CONTRACTOR, its subcontracts, or agent in the negligent performance or non-performance of work under this Agreement. These indemnities shall not be limited by reason of the listing of any insurance coverage.

Indemnification:

To the fullest extent permitted by Laws and Regulations, CONTRACTOR shall indemnify and hold harmless CITY, and their consultants, agents and employees from and against all claims, damages, losses and expenses, direct, indirect or consequential (including but not limited to fees and charges of PROGRAM MANAGER, architects, attorneys and court and arbitration costs) arising out of or resulting from the performance of the Work, provided that any such claim, damage, loss or expense (a) 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 and (b) is caused in whole or in part by any negligent act or omission of CONTRACTOR, any Subcontractor, any person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder or arises by or is imposed by Law and Regulations regardless of the negligence of any such party.

In any and all claims against CITY or any of their consultants, agents or employees by any employee of CONTRACTOR, any Subcontractor, any person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts any of them may be liable, the indemnification obligation under this paragraph shall 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 or other person or organization under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts.

The obligations of CONTRACTOR under this paragraph shall not extend to the liability of CITY's consultants, agents or employees arising out of the preparation or approval of maps, drawings, opinions, reports, surveys, Change Orders, designs or specifications. CONTRACTOR, in order to determine the requirements of the Project, shall review the information in Attachment A - Scope of Services. CONTRACTOR shall review its understanding of the Project requirements with CITY



and shall advise CITY of additional data or services which are not a part of CONTRACTOR's services, if any, necessary for design to begin.

14. INSURANCE

The CONTRACTOR shall, at all times that this Agreement is in effect, cause to be maintained in force and effect an insurance policy(s) that will ensure and indemnify both the CITY against liability or financial loss resulting from injuries occurring to persons or property or occurring as a result of any negligent error, act, or omission of the CONTRACTOR in performance of the work during the term of this Agreement.

The CONTRACTOR shall provide, at all times that this agreement is in effect, Worker's Compensation insurance in accordance with the laws of the State of Georgia.

The CONTRACTOR shall provide, at all times that this Agreement is in effect, Insurance with limits of not less than:

- A. Workmen's Compensation Insurance - in accordance with the laws of the State of Georgia.
- B. Public Liability Insurance - in an amount of not less than One Million (\$1,000,000) Dollars for injuries, including those resulting in death to any one person, and in an amount of not less than One Million (\$1,000,000) Dollars on account of any one occurrence.
- C. Property Damage Insurance - in an amount of not less than One Million (\$1,000,000) Dollars from damages on account of an occurrence, with an aggregate limit of One Million (\$1,000,000) Dollars.
- D. Valuable Papers Insurance - in an amount sufficient to assure the restoration of any plans, drawings, field notes, or other similar data relating to the work covered by the Project.
- E. Professional Liability Insurance - in an amount of not less than One Million (\$1,000,000) Dollars or an amount that correlates to the aggregate fee on the project should it exceed \$1,000,000.

CITY will be named as an additional insured with respect to CONTRACTOR's liabilities hereunder in insurance coverage's identified in items (b) and (c).

The policies shall be written by a responsible company(s), to be approved by the CITY, and shall be noncancellable except on thirty-(30) days' written notice to the CITY. Such policies shall name the CITY as co-insured, except for worker's compensation and professional liability policies, and a copy of such policy or a certificate of insurance shall be filed with the Director at the time of the execution of this Agreement.

15. PROHIBITED INTERESTS

- 15.1 Conflict of Interest: The CONTRACTOR agrees that it presently has no interest and shall acquire no interest, direct or indirect, that would conflict in any manner or degree with the performance of its services hereunder. The CONTRACTOR further agrees that, in the performance of the Agreement, no person having such interest shall be employed.



15.2 Interest of Public Officials: No member, officer, or employee of the CITY during his tenure or for one year thereafter, shall have any interest, direct or indirect, in this Agreement or the proceeds thereof.

15.3 Employment of CITY's Personnel: The CONTRACTOR shall not employ any person or persons in the employ of the CITY for any work required by the terms of the Agreement, without the written permission of the CITY except as may otherwise be provided for herein.

16. SUBCONTRACTING

The CONTRACTOR shall not subcontract any part of the work covered by this Agreement or permit subcontracted work to be further subcontracted without the CITY's prior written approval of the subcontractor.

All subcontracts in the amount of \$5,000 or more shall include, where possible, the provisions set forth in this Agreement.

17. ASSIGNABILITY

The CONTRACTOR shall not assign or transfer whether by an assignment or novation, any of its rights, obligations, benefits, liabilities or other interest under this Agreement without the written consent of the CITY.

18. EQUAL EMPLOYMENT OPPORTUNITY

During the performance of this Agreement, the CONTRACTOR agrees as follows: (1) the CONTRACTOR will not discriminate against any employee or applicant for employment because of race, creed, color, sex or national origin; (2) the CONTRACTOR will, in all solicitations or advertisements for employees placed by qualified applicants, receive consideration for employment without regard to race, creed, color, sex or national origin; (3) the CONTRACTOR will cause the foregoing provisions to be inserted in all subcontracts for any work covered by the Agreement so that such provision will be binding upon each subcontractor, provided that the foregoing provision shall not apply to contracts or subcontracts for standard commercial supplies of raw materials.

19. DRUG FREE WORK PLACE

CONTRACTOR shall be responsible for insuring that its employees shall not be involved in any manner with the unlawful manufacture, distribution, dispensation, possession, sale or use of a controlled substance in the workplace. For purposes of the policy, "workplace" is defined as CITY owned or leased property, vehicles, and project or client site. Any violation of the prohibitions may result in discipline and/or immediate discharge.

CONTRACTOR shall notify the appropriate federal agencies of an employee who has a criminal drug statute conviction for workplace violation.

CONTRACTOR may require drug or alcohol testing of employees when contractually or legally obligated, or when good business practices would dictate



20. ANTI-KICKBACK CLAUSE

Salaries of architects, drafters, engineer's, and technicians performing work under this Agreement shall be paid unconditionally and not less often than once a month without deduction or rebate on any account except only such payroll deductions as are mandatory by law. The CONTRACTOR hereby promises to comply with all applicable "Anti-kickback" laws, and shall insert appropriate provisions in all subcontracts covering work under this Agreement.

21. AUDITS AND INSPECTORS

At any time during normal business hours and as often as the CITY may deem necessary, the CONTRACTOR shall make available to the CITY and/or audit representatives of the CITY for examination all of its records with respect to all matters covered by this Agreement. It shall also permit the CITY and/or representatives of the audit, examine and make copies, excerpts or transcripts from such records of personnel, conditions of employment and other data relating to all matters covered by this Agreement.

The CONTRACTOR shall maintain all books, documents, papers, accounting records and other evidence pertaining to costs incurred on the Project and used in support of its proposal and shall make such material available at all reasonable times during the period of the Agreement, and for three years from the date of final payment under the Agreement, for inspection by the CITY or any reviewing agencies, and copies thereof shall be furnished upon request at cost plus 10%. The CONTRACTOR agrees that the provisions of this Article shall be included in any Agreements it may make with any subcontractor, assignee, or transferee.

22. OWNERSHIP, PUBLICATION, REPRODUCTION AND USE

All documents and materials prepared as an instrument of service pursuant to this Agreement are the property of the CITY. The CITY shall have the unrestricted authority to publish, disclose, distribute, and otherwise use, in whole or in part, any reports, data, maps, or other materials prepared under this Agreement without according credit of authorship. The CITY shall hold harmless the CONTRACTOR against all claims arising out of such use of documents and materials without the CONTRACTOR's knowledge and written consent.

23. VERBAL AGREEMENT OR CONVERSATION

No verbal agreement or conversation with any officer, agent, or employee of the CITY, either before, during, or after the execution of this Agreement, shall affect or modify any of the terms or obligations herein contained, nor shall such verbal agreement or conversation entitle the CONTRACTOR to any additional payment whatsoever under the terms for this Agreement. All changes to this Agreement shall be in writing and appended hereto as prescribed in Article 3 above.

24. INDEPENDENT CONTRACTOR

The CONTRACTOR shall perform the services under this Agreement as an independent contractor and nothing contained herein shall be construed to be inconsistent with this relationship or status. Nothing in this Agreement shall be interpreted or construed to constitute the CONTRACTOR or any of its agents or employees to be the agent, employee, or representative of the CITY.



25. NOTICES

All notices shall be in writing and delivered in person or transmitted by certified mail, postage prepaid. Notices shall be addressed as follows:

CITY:

ADMINISTRATOR
AUGUSTA, GEORGIA
535 Telfair Street, Ste. 910
Augusta, GA 30901

CONTRACTOR:

ADMINISTRATION
Duke's Root Control
1020 Hiawatha Blvd. West
Syracuse, NT 13204-1131

Copy to:

DIRECTOR
AUGUSTA UTILITIES DEPARTMENT
452 Walker Street, Suite 200
Augusta, GA 30901

26. LOCAL SMALL BUSINESS:

In accordance with Chapter 10B of the AUGUSTA, GA. CODE, Contractors agree to collect and maintain all records necessary to for Augusta, Georgia to evaluate the effectiveness of its Local Small Business Opportunity Program and to make such records available to Augusta, Georgia upon request. The requirements of the Local Small Business Opportunity Program can be found at www.augustaga.gov. In accordance with AUGUSTA, GA. CODE, Contractors shall report to Augusta, Georgia the total dollars paid to each subcontractor, vendor, or other business on each contract, and shall provide such payment affidavits, regarding payment to subcontractors, if any, as required by Augusta, Georgia. Such utilization reports shall be in the format specified by the Director of Minority and Small Business Opportunities, and shall be submitted at such times as required by Augusta, Georgia. Required forms can be found at www.augustaga.gov. If you need assistance completing a form or filing information, please contact the Local Small Business Opportunity Program Office at (706)821-2406. Failure to provide such reports within the time period specified by Augusta, Georgia shall entitle Augusta, Georgia to exercise any of the remedies set forth, including but not limited to, withholding payment from the contractor.

27. E-VERIFY:

All contractors and subcontractors entering into contracts with Augusta, Georgia for the physical performance of services shall be required to execute an Affidavit verifying its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm, or corporation which is contracting with Augusta, Georgia has registered with and is participating in a federal work authorization program. All contractors and subcontractors must provide their *E-Verify number* and must be in compliance with the electronic verification of work authorized 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, in accordance with the applicability provisions and deadlines established in O.C.G.A. § 13-10-91 and shall continue to use the federal authorization program throughout the contract term. All contractors shall further agree that, should it employ or contract with any subcontractor(s) in



connection with the physical performance of services pursuant to its contract with Augusta, Georgia the contractor will secure from such subcontractor(s) each subcontractor's *E-Verify number* as evidence of verification of compliance with O.C.G.A. § 13-10-91 on the subcontractor affidavit provided in Rule 300-10-01-.08 or a substantially similar form. All contractors shall further agree to maintain records of such compliance and provide a copy of each such verification to Augusta, Georgia at the time the subcontractor(s) is retained to perform such physical services

28. EXTENT OF THE AGREEMENT

This Agreement represents the entire agreement between AUGUSTA and CONTRACTOR and supersedes all prior negotiations, representations and agreements, either written or oral.

ACKNOWLEDGEMENTS

"Contractor acknowledges that this contract and any changes to it by amendment, modification, change order or other similar document may have required or may require the legislative authorization of the Board of Commissioners and approval of the Mayor. Under Georgia law, Contractor is deemed to possess knowledge concerning Augusta, Georgia's ability to assume contractual obligations and the consequences of Contractor's provision of goods or services to Augusta, Georgia under an unauthorized contract, amendment, modification, change order or other similar document, including the possibility that the Contractor may be precluded from recovering payment for such unauthorized goods or services. Accordingly, Contractor agrees that if it provides goods or services to Augusta, Georgia under a contract that has not received proper legislative authorization or if the Contractor provides goods or services to Augusta, Georgia in excess of the any contractually authorized goods or services, as required by Augusta, Georgia's Charter and Code, Augusta, Georgia may withhold payment for any unauthorized goods or services provided by Contractor. Contractor assumes all risk of non-payment for the provision of any unauthorized goods or services to Augusta, Georgia, and it waives all claims to payment or to other remedies for the provision of any unauthorized goods or services to Augusta, Georgia, however characterized, including, without limitation, all remedies at law or equity." This acknowledgement shall be a mandatory provision in all Augusta, Georgia contracts for goods and services, except revenue producing contracts

[SIGNATURES ON FOLLOWING PAGE]



IN WITNESS WHEREOF, said parties have hereunto set their seals the day and year written below:

CITY:

AUGUSTA, GEORGIA (CITY)

BY: *Hardie Davis Jr.*

PRINTED NAME: Mayor Hardie Davis Jr.

AS ITS: MAYOR

ATTEST CLERK:

PRINTED NAME:

AS ITS: Clerk of Commission

DATE:

4/30/18

Copy To:

DIRECTOR

AUGUSTA UTILITIES DEPARTMENT

360 Bay Street, Suite 180

Augusta, GA 30901

CONTRACTOR:

Georgia - Carolina Paving Co.

BY: *Willie Wooden*

PRINTED NAME: Willie Wooden

AS ITS: Owner

ATTEST:

PRINTED NAME:

AS ITS:

DATE:

Sylvia Boatright
Employee
4-11-18



CONTRACTOR'S RESPONSIBILITIES

CONTRACTOR , in order to determine the requirements of the Project, shall review the information in Attachment A - Scope of Services. CONTRACTOR shall review its understanding of the Project requirements and shall advise CITY of additional data or services which are not a part of CONTRACTOR's services, if any, necessary for design to begin.

PROJECT UNDERSTANDING

Upon request from the CONTRACTOR, CITY may provide all criteria and full information as to CITY's and CONTRACTOR'S requirements for this part of the project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expendability, and any budgetary limitations. CONTRACTOR may request from the CITY to furnish data, reports, surveys, and other materials that may be relied upon in performing CONTRACTOR'S services.

REVIEW OF WORK

Authorized representatives of the CITY may at all reasonable times review and inspect the project activities and data collected under the Agreement and amendments thereto. All reports, drawings, studies, specifications, estimates, maps and computation prepared by or for the CITY in association with this Agreement shall be subject to review.

The CITY may at any time request progress reports, prints or copies of any work performed under this Agreement. Refusal by the CONTRACTOR to submit progress reports and/or plans shall be cause to withhold payment to the CONTRACTOR until the CONTRACTOR complies with the CITY's request in the regard.

The CITY's review recommendations shall be incorporated into the plans by the CONTRACTOR.

CONTRACTOR'S INSURANCE

CONTRACTOR will maintain throughout this AGREEMENT the following insurance limits as specified in General Condition 14 - Insurance.



CITY'S RESPONSIBILITIES

CITY-FURNISHED DATA

CITY will provide to CONTRACTOR all data in CITY's possession relating to CONTRACTOR's services on the PROJECT. CONTRACTOR will reasonably rely upon the accuracy, timeliness, and completeness of the information provided by CITY.

RIGHT TO ENTER

The CONTRACTOR will notify all property owners or occupants of the intent to enter properties for the purpose of accomplishing work in accordance with the practices of the CITY. The CONTRACTOR shall discuss with and receive approval from the CITY prior to sending notices of intent to enter private property. Upon request by the CONTRACTOR, the CITY will provide the necessary documents identifying the CONTRACTOR as being in the employ CITY for the purpose described in the Agreement.

ADVERTISEMENTS, PERMITS, AND ACCESS

Unless otherwise agreed to in the Scope of Services, CITY will obtain, arrange, and pay for all advertisements for bids; permits and licenses required by local, state, or federal authorities; and land, easements, rights-of-way, and access necessary for CONTRACTOR's services or PROJECT construction.

TIMELY REVIEW

CITY will examine CONTRACTOR's studies, reports, sketches, drawings, specifications, proposals, and other documents; obtain advice of an attorney, insurance counselor, accountant, auditor, bond and financial advisors, and other CONTRACTORS as CITY deems appropriate; and render in writing decisions required by CITY in a timely manner.

PROMPT NOTICE

CITY will give prompt written notice to CONTRACTOR whenever CITY observes or becomes aware of any development that affects the scope or timing of CONTRACTOR's Services, or of any defect in the work of CONTRACTOR or construction contractors.

CITY'S INSURANCE

CITY will maintain property insurance on all pre-existing physical facilities associated in any way with the PROJECT.



ATTACHMENT A - SCOPE OF SERVICES

GENERAL

The purpose of this bid item is so the Augusta Utilities Department (AUD) can secure an on-call contractor to provide asphalt pavement patch repairs in a timely manner. AUD will provide an area ready to receive 2" thick asphalt. The area will be made ready with straight-cut edges. Square or rectangle areas will be cut out when possible, however sometimes the nature of the work might require oddly shaped cuts be made. The base for the asphalt will be prepared by AUD crews. On occasion, the contractor may need to repair the area with graded aggregate base prior to installing the asphalt. Bituminous tack or other materials necessary for asphalt patch to adhere to the surfaces and remain in place will be provided by the contractor and included in the asphalt price. Asphalt rolled curb will be replaced to match existing work in the area.

Removal of traffic plates and temporary traffic control will be provided by AUD. The contractor is responsible for site safety and ensuring traffic control measures are sufficient. The contractor and AUD's project manager will discuss traffic control measures to be provided at least one day in advance of beginning the work. If traffic flaggers are needed, certified flaggers will be provided by the contractor at no additional cost to the department.

In the event that AUD crews cannot prepare the area in advance, it will be up to the contractor to make the area ready for asphalt. This may include, but is not limited to, moving protective plates, excavating graded aggregate base from cut area to make ready for 2" of asphalt. Any preparation work necessary that is performed by the contractor will be included in SY price shown on bid sheet. All preparation work will be approved in advance by AUD management.

Patched area will be made to look neat and clean before opening to traffic. Patches will be even with the existing surrounding road surfaces. Any depressed or raised areas in the patch will not be acceptable.

Concrete curb, gutter and sidewalk repairs will be prepared by the contractor by neatly cutting the existing curb and gutter or sidewalk at the nearest control joint. At minimum, asphalt expansion joint will be placed on each end of the newly poured concrete. Longer stretches of work may require additional expansion joint be used. Control joints and additional expansion joint material will be provided by the contractor to match existing work in the area. Placing and removal of forms, procurement and delivery of concrete is the responsibility of the contractor. After forms are removed, spaces on both sides shall be backfilled with suitable earth, uniformly spread and compacted. The area will be left smooth with no dips or edges that may create a tripping hazard. Edges and concrete surfaces shall be finished to match existing work in the area. Exposed aggregate surfaces or ADA compliant raised walking areas will not be included in this contract. Concrete shall contain coarse and fine aggregate with a minimum 3,000 pounds compressive strength per square inch at 28 days. Water used for concrete work will be free from salt, oil or organic substances. Water from creeks, rivers, ponds or ditches shall not be used. The contractor will provide "Sidewalk Closed" signs and additional barriers or caution tape to prevent damage to the newly poured concrete as necessary. Removal of pedestrian barriers will be the responsibility of the contractor and will take place as soon as possible once the concrete is



cured enough for use. The contractor will call AUD's project manager once work is complete for a final field inspection of the concrete repairs.

Item Description	Unit	Quantity
Asphalt 2" thick	SY	3,500
Preparation work	SY	3,500
Curb & Gutter	LF	200
Concrete Sidewalk, 4"	SF	200
Graded Aggregate Base	CY	200
Saw Cutting (when approved by AUD)	LF	25

When work requires the department to remove asphalt or concrete, the contractor will be provided a list of locations that require asphalt placement on a daily basis. If no cuts are made, the contractor will not receive a list. The asphalt shall be placed within one week after receiving the location report, unless authorization has been received otherwise from AUD. The contractor will provide one full working day notice (24 hours) to AUD's project manager prior to beginning asphalt repairs. This will allow for scheduling removal of plates (as necessary) and providing temporary traffic control measures as needed. Discussion of traffic control measures to be provided will take place during this time as well.

Removal of discarded, surplus or rejected materials will be by the contractor.

AUD reserves the right to require removal of any defective work. Upon written notification, contractor shall take immediate action to correct faulty work at contractor's expense. All remedial work shall be completed within three working days, weather permitting. In the event traffic control or additional permits are necessary for replacement of defective work, those shall be provided by the contractor at no expense to AUD.

All work will have a 180-day guarantee against defects in materials or workmanship. During this period, any repairs required will extend the warranty for an additional 180-day period from the date of the remedial work.

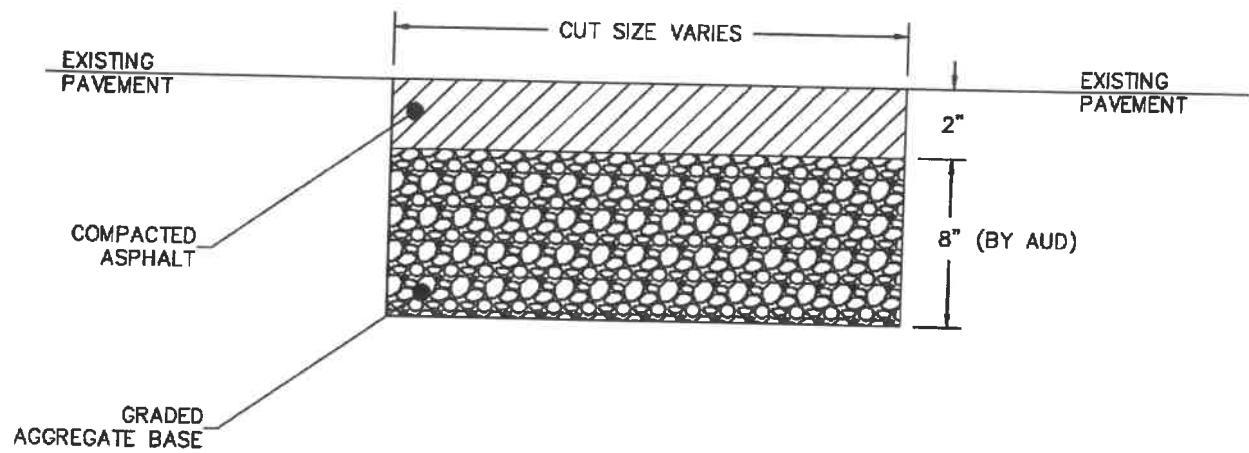
Due to changes in the price of asphalt based materials, the contractor may present a cost change request every 90 days for the life of this contract. Proof of rising costs must be provided by the contractor. The cost change request will be reviewed and approved or denied within 5 working days by AUD. If denied, this contract shall end in 30 days from the date of written notice from AUD. Work required in that 30 days will be at current contract prices.

Contract Period

The initial term of the contract shall be for the period of one year. The contract may be extended for additional one-year periods up to a total of three additional years, with the mutual consent of AUD and the Contractor. Price changes for succeeding years shall be adjusted in accordance with the consumer price index for Augusta, Georgia locale.



See detail.



1. COMPACTED ASPHALT PATCHED AREA TO HAVE TACK APPLIED TO CUT PRIOR TO INSTALLATION.



ATTACHMENT B - COMPENSATION

The CITY shall compensate the CONTRACTOR for services, which have been authorized by the CITY under the terms of this Agreement.

The CONTRACTOR may submit to the CITY a monthly invoice, in a form acceptable to the CITY and accompanied by all support documentation requested by the CITY, for payment for the services, which were completed during the billing period. The CITY shall review for approval said invoices. The CITY shall have the right to reject payment of any invoice or part thereof if not properly supported, or if the costs requested or a part thereof, as determined solely by the CITY, are unreasonably in excess of the actual phase of completion of each phase. The CITY shall pay each such invoice or portion thereof as approved, provided that the approval or payment of any such invoice shall not be considered to be evidence of performance by the CONTRACTOR to the point indicated by such invoice, or of receipt of acceptance by the CITY of the service covered by such invoice. The CITY shall pay any undisputed items contained in such invoices.

Each invoice shall be accompanied by a letter progress report describing the total work accomplished for each phase and any problems, which have been encountered, which may inhibit execution of the work. The CONTRACTOR shall also submit an accurate updated schedule, and an itemized description of the percentage of total work completed for each phase during the billing period.

When the CITY authorizes the CONTRACTOR to proceed with the work authorized in a Task Order, it agrees to pay the CONTRACTOR for work completed, on the basis of the standard billing rates shown in Attachment B to the Contract of those principals and employees engaged directly on the work.

Compensation for design services shall be invoices based on the sum of all actual costs incurred in the performance of the work, including all direct, payroll, overall and profit cost in an amount not-to-exceed the compensation set forth in the terms of the Agreement or any authorized Task Order. All invoices submitted by the CONTRACTOR shall be detailed to reflect incurred expenses, labor hours and costs by authorized Task.

Overtime may be performed at the discretion of the CONTRACTOR, but the premium time portion of the overtime will not be billed to the CITY unless the CONTRACTOR has requested acceleration of the scheduled work in writing.

GEORGIA PROMPT PAY ACT:

This Agreement is intended by the Parties to, and does, supersede any and all provisions of the Georgia Prompt Pay Act, O.C.G.A. Section 13-11-1, et seq. In the event any provision of this Agreement is inconsistent with any provision of the Prompt Pay Act, the provision of this Agreement shall control.

Defective pricing

To the extent that the pricing provided by PLUMBER is erroneous and defective, the parties may, by agreement, correct pricing errors to reflect the intent of the parties.



Price Sheet

Item Description	Unit	Quantity	Total Price
Asphalt 2" thick	SY	3,500	87,500.00
Preparation work	SY	3,500	33,250.00
Curb & Gutter	LF	200	4,400.00
Concrete Sidewalk, 4" Thick	SF	200	2,000.00
Graded Aggregate Base	CY	200	400.00
Saw Cutting (when approved by AUD)	LF	25	25.00
TOTAL			\$127,875.00

BID SUBMITTED BY:

NAME:

Willie T. Wooden

COMPANY:

Georgia - Carolina Paving Company

ADDRESS:

3020 Milledgeville Rd.

CITY/STATE:

Augusta, GA 30904

TELEPHONE:

706-736-3863

FAX:

706-736-3864

EMAIL:

gcparino@bellsouth.net

SIGNATURE:

Willie T. Wooden

By signing this document, the bidder is stating that he or she is not an employee of Augusta, Georgia.

AUGUSTA RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS

THIS FORM MUST BE RETURNED WITH YOUR SUBMITTAL

Bid Item 16-224 On-Call Asphalt and Concrete Curb, Gutter & Sidewalk Repair-Addendum 1

Bid Due Friday, September 16, 2016 @ 11:00 a.m.

Page 16 of 17



ATTACHMENT C - LISTING OF KEY PERSONNEL

CONTRACTOR shall provide qualified personnel to perform its work. The list of key personnel below, including a designated Project Manager will not change or be reassigned without the written approval of the CITY. Those personnel committed for this work are as follows:



ATTACHMENT D - SCHEDULE FOR PERFORMANCE

The work sequence and work schedule will be in accordance with specifications as defined in Attachment A.



CONTRACTOR SERVICES

AUGUSTA UTILITIES DEPARTMENT

BY: Tom D. Wudum

PRINTED NAME: _____

TITLE: DIRECTOR

DATE: 4/12/18

CONTRACTOR

BY: Georgia - Carolina Paving Co.

PRINTED NAME: Willie Wooden

TITLE: Owner

DATE: 4-11-18

ADDITIONAL SERVICES:

1. Revisions to the plans/contract documents to extend the limits of the project after this AGREEMENT has been executed by the CITY.
2. Revisions due to incorrect locations of existing utilities by the CONTRACTOR (i.e., correct location given by CITY, incorrectly marked on plans by engineer) will be the responsibility of the CONTRACTOR. Other revisions required by the CITY, DOT, EPD, or other government agency at their request will be considered an additional service.
3. Other not described above, as approved by the CITY.



**Engineering Services Committee Meeting
3/10/2020 1:20 PM
On-Call Asphalt and Concrete Services**

Department:	Utilities
Presenter:	Tom Wiedmeier
Caption:	Motion to approve exercising the 3rd option to renew with Georgia-Carolina Paving to provide on-call asphalt and concrete repairs for Bid 16-224.
Background:	Georgia Carolina Paving has been providing this service and was approved by Commission on 12/20/16, with an option for up to three additional one-year period renewals. The service provided by Georgia Carolina Paving has been excellent and by utilizing an on-call contractor, we can limit the amount of time before a road cut or sidewalk cut is repaired. The timely repairs to these roadway and sidewalk prevent public hazards and provide positive impact on our customers.
Analysis:	AUGUSTA UTILITIES WOULD LIKE TO EXERCISE THE 3RD OF 3 ONE-YEAR RENEWAL FOR 2020. THE AUGUSTA COMPLIANCE DEPARTMENT HAS REGISTERED GEORGIA-CAROLINA PAVING AS A LOCAL SMALL BUSINESS.
Financial Impact:	THE REQUESTED AMOUNT FOR THIS RENEWAL IS \$240,000.00 AND THE FUNDS WILL BE SPLITTED BETWEEN THESE ACCOUNTS: \$100,000 FROM ACCOUNT 506043410-5311912 (CONCRETE) \$140,000.00 FROM ACCOUNT 506043410-5311920 (ASPHALT)
Alternatives:	DENY THE REQUEST
Recommendation:	WE RECOMMEND APPROVAL FOR THE 3RD AND LAST RENEWAL OF THE ON-CALL ASPHALT AND CONCRETE SERVICES TO BE PROVIDED BY THE GEORGIA CAROLINA PAVING COMPANY.

**Funds are
Available in the
Following
Accounts:**

FUNDS ARE AVAILABLE FROM: 506043410-5311912
506043410-5311920

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**



Preliminary Scoping Document

City of Augusta – Utilities Department
Pump Station #2 Sanitary Sewer Smoke Testing

Date: March 21, 2018 (REV0)

Prepared for:
Steve Behrend, PE



Augusta Utilities Department
360 Bay Street Suite 180, Augusta, GA 30901

Prepared by:
Greg Anderson, PE
McKim & Creed, Inc.
2400 Colley Avenue
Norfolk, VA 23517

Project Understanding

It is understood that the City of Augusta Utilities Department, AUD, desires to contract with McKim & Creed, Inc. to conduct a storm water inflow identification effort in the Pump Station #2 service area. The Pump Station #2 service area includes approximately 169,818 linear feet of gravity sewers ranging in size from 8" to 24". In 2014 McKim & Creed completed an open channel flow monitoring project to identify the source(s) of extraneous wet weather flow. As part of that effort the Pump Station #2 collection system was divided into multiple catchments, four (4), and open channel flow monitors were deployed in each catchment area; see attached maps for the limits of each catchment area. The results of the flow monitoring effort identified excessive wet weather flow in each catchment.

This project will utilize smoke testing and dye water tracing/flooding activities to pinpoint the locations of the storm water inflow sources and a Technical Memorandum will be prepared that identifies the location of the sources, methodologies for removing the inflow sources and projected cost opinions for completing the necessary storm water inflow abatement activities.

Scope of Services

As previously described, smoke testing will be completed in the four (4) catchment areas that exhibited excessive wet weather flow. These catchment areas include sub-basins 3, 4, 5, and 6. The table below highlights the pipe sizes and lengths of the gravity collection sewers in each sub-basin.

Meter Sub-Basin	8-Inch Piping (LF)	10-Inch Piping (LF)	12-Inch Piping (LF)	14/15-Inch Piping (LF)	18-Inch Piping (LF)	24-Inch Piping (LF)	Total Length (LF)
3	5,598.44	0	8020.69	1,274.16	234.06	2,199.63	17,326.98
4	13,543.23	0	5,600.02	456.03	477.61	0	20,076.89
5	18,629.15	65.97	11,687.46	2,041.97	3,930.45	362.07	36,717.07
6	72,804.83	375.22	8,070.52	1,681.26	5,173.39	7,592.01	95,697.22
Totals	110,575.65	441.19	33,378.69	5,453.42	9,815.51	10,153.71	169,818.16

- A. Smoke Testing** – Smoke testing will be conducted to detect specific inflow points such as storm sewer cross connections and point source inflow leaks in drainage paths or ponding areas, roof leaders, cellar, yard and area drains, foundation drains, abandoned building sewers, and faulty service connections. Smoke generators will be used to produce the smoke required for testing. The smoke shall be non-toxic, odorless, and non-staining. Photographs shall be taken of smoke emitting from the ground, catch basins, pipe, or other inflow sources during the tests.

McKim & Creed shall isolate the line sections being tested by using sandbags or plugs. No more than three (3) reaches, or a maximum of 800 feet of sewer piping will be tested at a time. Smoke testing will not be conducted on rainy days or when groundwater conditions are to a point that would hamper accurate testing results. McKim & Creed understands that AUD reserves the right to make final determinations of favorable conditions for conducting smoke testing. Testing shall be closely monitored on windy days. If smoke coming out of the ground is blown away so quickly as to escape accurate detection, testing will cease until such a time that conditions are more favorable.

Observations regarding each leak identified shall be documented in a smoke testing journal based on the distance of the defect from the upstream manhole and distance to the left or right from the mainline gravity sewer. The journal shall include address, sewer line identification, personnel, defect data, and a schematic layout of the manhole, surrounding area, and sewer line under test. All smoke leaks discovered shall be photographed and each leak location shall be shown on a smoke sketch. All information recorded in each smoke testing journal will be compiled onto a Smoke Testing Form for each test setup where a defect was recorded. At a minimum the following information shall be included on the forms:

- Manhole numbers of reach smoked and length of piping
- Description of leak, including address
- Ties to leak, including at least two measured distances from the upstream manhole and from the centerline of the gravity sewer
- Area and type of surface drained by leak
- Approximate volume of inflow contribution based on 1 inch of rainfall

All smoke defects will be quantified by giving consideration to the surrounding area contributing to the defect and the size and density of the smoke encountered. A mass balance will be undertaken based on flow monitoring results to insure proper RDI/I quantification. During the smoke testing phase it will be necessary for McKim & Creed to communicate daily with the fire department and citizens being affected by the testing. The location of the crews will be communicated to the fire department each day prior to commencing the tests and smoke testing "Notice to Property Owners/Residences" will be distributed prior to testing. The I/I Field Investigation Procedures for Smoke Testing are as follows:

- a) Select area to be tested and develop working field maps of the area.
- b) Field review the area selected and note on the map all "hundred block" addresses.
- c) Distribute smoke notice to all homes, businesses, schools, etc.

- d) During the initial field review, identify all types of businesses, specifically any doctors offices, hospitals, schools, retirement homes (communities) or any other establishment that may need special consideration and coordination during the actual smoke test. Strict consideration and coordination with customers who have sensitive needs must be adhered to, some of whom will not be included on any smoke testing schedule as the nature of their business, such as hospitals, is far too delicate.
- e) Forty eight hours minimum must expire from the issuance of smoke testing notices to allow all affected to prepare for the testing or call with special exceptions, such as persons with health problems living at home or working elsewhere in the study area, etc.
- f) On the day of the testing a selected portion of the smoke testing area will be identified and all street names and related hundred block addresses will be provided to the fire department in the area where the testing will occur. UNDER NO CIRCUMSTANCES WILL THE AREA SELECTED FOR THAT DAY'S TESTING BE MODIFIED TO INCLUDE ADDITIONAL WORK UNLESS THE FIRE DEPARTMENT HAS BEEN NOTIFIED FIRST. The name and contact number of the fire department person spoken to must be documented on the appropriate form. The fire department must know the exact locations and specific time frames of where and when the tests will be performed.
- g) Multi day scheduling with one time reporting to the fire department is not permitted. Daily scheduling and contact with the appropriate fire department will be performed.
- h) AUD's Project Manager will be notified on a daily basis with the same information.
- i) Should the fire department respond to the target area during the actual smoke testing, all testing will cease immediately and the McKim & Creed field supervisor in charge will contact the fire unit responding to answer any questions that the fire department officer may have.
- j) All testing activity must cease when any resident/occupant complains of smoke entering their residence/establishment. McKim & Creed's field personnel will then attempt to isolate where the smoke is entering the affected building and make the occupant aware of what the problem may be. All defective plumbing found inside will be documented appropriately for future reference. The occupant will be advised to have the defect repaired by a registered plumber.
- k) During the actual smoke testing, McKim & Creed field personnel will scout the area for smoke escaping from ground sources, area way drains, roof

vents, storm drain structures, etc. All sources of RDI/I should be photographed, measured, drawn, and documented accordingly with addresses, data, and sketches. The smoke test form will identify which sewer reach is being tested by its component identification.

A Smoke Testing Letter Report will be prepared to identify the results of the smoke testing activity. The report will also include identification of the proposed scope of work associated with the necessary dye water tracing/flooding activity.

B. Dye Water Testing - Dyed water testing/flooding will be used to perform leak investigations, test manhole connections and locate cross connections between sanitary and storm sewer systems. Dyed water flooding will be accomplished by flooding the ground surface or a pipe segment with color-dyed water to simulate a storm water runoff condition. Dyed water flooding may or may not be performed in conjunction with CCTV inspection.

McKim & Creed assumes up to fifteen (15) dyed water tests will be required as part of the storm water inflow source identification. Dyed water testing shall be performed on questionable or suspected inflow sources, so that positive identification and quantification can be made. Dyed water testing locations shall be approved by AUD prior to implementation. Water for dye testing will be furnished by AUD from approved locations.

Public sector dyed water flooding shall be conducted through an injection of a large volume of water, colored by non-toxic dye, into a designated catch basin or storm drain section that crosses or is in close proximity to a sanitary sewer. Priority shall be given to storm drains that tested positive during smoke testing. The storm drain will normally be plugged to simulate surcharged conditions. The flooding results shall include the following information:

- Evidence of dyed water in manholes downstream from the ponding area, stream crossing, or other suspected sources where the dyed water is placed;
- Time of travel from contributing source to manhole sampled, and the concentration of the dyed water;
- A CCTV camera shall be used in the suspected sewer that crosses under the storm drain pipe to document any direct or indirect cross connection.

During each test, sanitary sewers, storm drains, and curb lines located downstream of the sources shall be monitored for signs of dyed water. The quantity of dye concentrate and water used will vary depending on pipe size and the quantity of flow and debris in each line section. Documentation shall be a combination of handwritten log sheets, sketches, and photographs.

The I/I Field Inspection Procedures for Dyed Water Flooding are as follows:

- a) There will be no testing performed on days when the ambient temperature does not rise above the freezing point.
- b) A mixture of water and any approved dye coloring substance will be introduced to the identified source. McKim & Creed field staff will be stationed immediately downstream on the local sanitary and storm sewer lines. Observations, whether positive or negative, will be documented appropriately. Whenever possible the dyed water point of exit will be recorded by closed circuit television inspection equipment.
- c) Prior to any testing, the appropriate AUD staff shall be notified of the specific location of testing and what waterways may be affected.
- d) Fire hydrants used to supply the water source needed will be opened very slowly and closed in the same manner. Should the water be running cloudy or dirty after use, the fire hydrant will be left open at a slow pace until the water clears up. If long term draining is required, McKim & Creed shall notify AUD.

Dye testing will also be used to establish which sewer flows have been combined and how the systems are interconnected. The results of the observations of dye testing shall be summarized on standardized forms. The information recorded on the form shall include the upstream manhole number, location of the manhole or line flooding, locations of leaks observed in sanitary sewer pipe, and any other pertinent information regarding the test results.

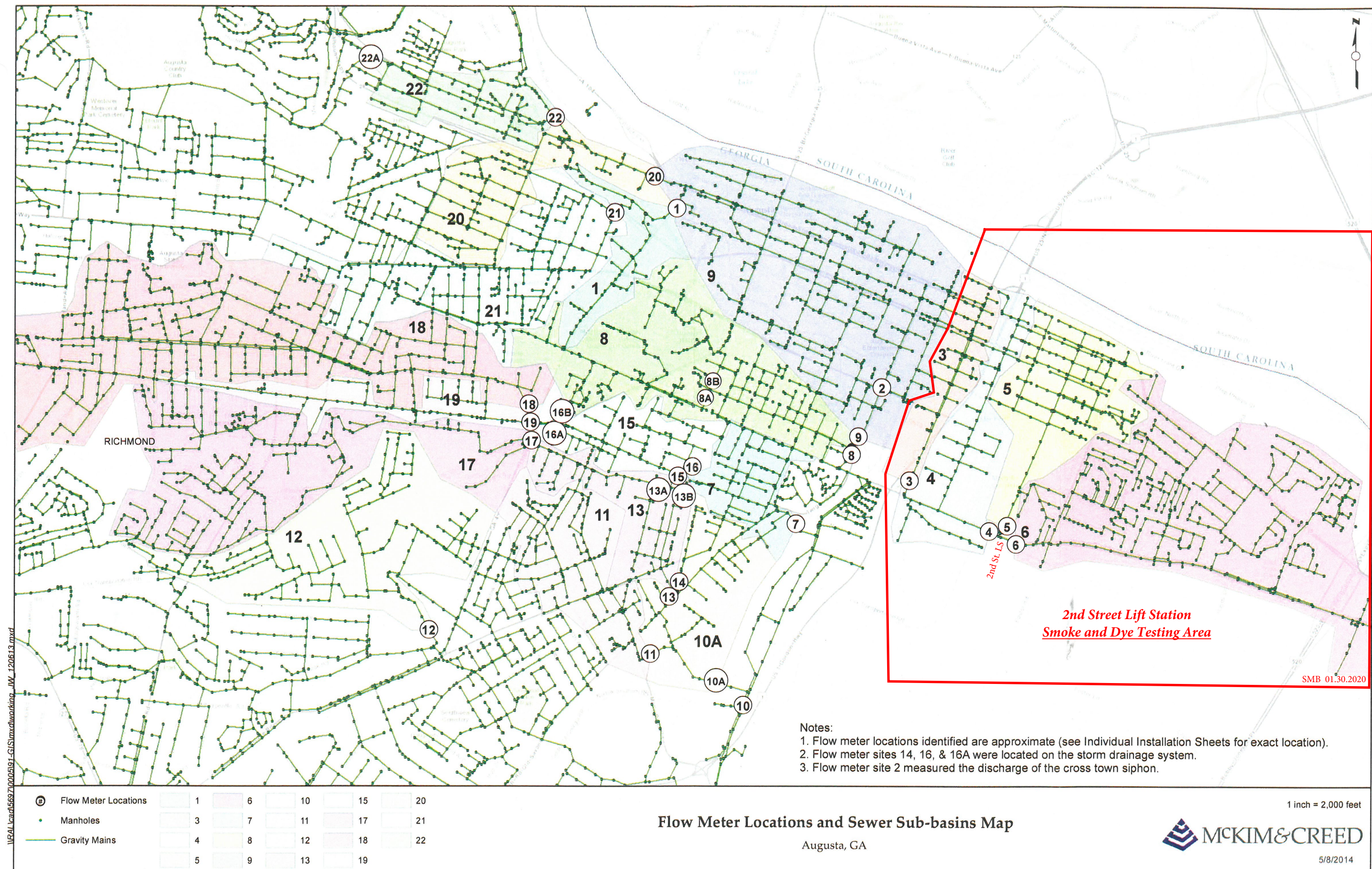
C. Technical Memorandum - Upon completion of the field investigations a Technical Memorandum will be prepared which highlights the work which was completed, identifies the locations where storm water inflow sources were encountered and presents the results of the associated dye water flooding activities. The Technical Memorandum will also include recommendations to abate the storm water inflow sources. The recommendations for repair, rehabilitation, or replacement will be developed with corresponding budgetary cost opinions. Repair methodologies that will be considered include traditional replacement, and various forms of rehabilitation. Work which can be completed by AUD forces versus a third party contractor will be presented separately. Maps and graphics will be developed illustrating the location of degraded infrastructure and recommended repairs. McKim & Creed will provide the Technical Memorandum in 'draft form' for AUD review and comment and schedule a review meeting to discuss the Report results and recommendations.

Fee Schedule

For the services outlined above, the McKim & Creed shall be compensated for the services as follows:

Gravity Sewer Flow Smoke Testing
As part of
On-Call Services
Pump Station #2 Drainage Basin
City of Augusta Department of Utilities
MCKIM & CREED MANPOWER AND COSTS
3/21/2017 (Rev0)

	TASK	Unit Cost	Sub Total
1	Mobilization		
	Mobilization to Project	\$1,000 Lump Sum	\$1,000
2	Smoke Testing		
	169,818 Linear Feet	\$0.35/Linear Foot	\$59,436
3	Dye Testing		
	Dye Water Tracing (15 Traces)	\$250/Each	\$3,750
	Dye Water Flooding (15 Floods)	\$750/Each	\$11,250
4	Report Preparation		
	Technical Memorandum Meeting (1 Meeting)	\$750/Each	\$750
	Draft & Final Technical Memorandum (1 Lump Sum)	\$10,000/LS	\$10,000
	Total Projected Cost		\$86,186



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Engineering Services Committee Meeting

3/10/2020 1:20 PM

Smoke and Dye Testing of the 2nd Street Lift Station Sanitary Sewer Collection Area

Department:	Utilities
Presenter:	Tom Wiedmeier
Caption:	Consider proposal from McKim & Creed to perform smoke and dye testing in the 2nd Street Lift Station Sanitary Sewer Collection Area.
Background:	The Utilities Department continues to evaluate the existing sanitary sewer collection system to determine locations of excessive rainfall-derived inflow and infiltration (RD I/I). Reducing RD I/I entering the system improves the available sewer pipe transmission capacity, improves lift station operations, and reduces the flow to the treatment plant. In 2014, McKim and Creed performed extensive flow monitoring of the downtown area as part of the Glass Factory Drainage Basin CSO Abatement Phase I – Sewer Flow Monitoring Study. That study identified excessive RD I/I in the 2 nd Street area. While we have completed numerous repairs and projects resulting from that study, we are now ready to further evaluate the 2 nd Street area. In accordance with RFP 15-189, Augusta Utilities requests to contract McKim & Creed to perform smoke and dye testing to identify the locations of the storm water inflow. Their services will include submitting a technical memorandum that documents the inflow locations, methodologies for removing the inflow sources, and cost opinions for completing the necessary storm water inflow abatement activities.
Analysis:	The Utilities Department evaluated the McKim and Creed proposal and has determined the proposed fee of \$86,186.00 to be reasonable based on the scope of work.
Financial Impact:	Funds are available in account 514043420-5213119/ 82000010-5213119.
Alternatives:	No alternatives are recommended.

Recommendation: We recommend approval for McKim & Creed to perform smoke and dye testing in the 2nd Street area for the fee of \$86,186.00.

Funds are Available in the Following Accounts: Funds are available in account 514043420-5213119/ 82000010-5213119.

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**

Part 2. Stormwater Utility: Watershed Assessment Phase

- **Rain gauge network development and maintenance: \$70,000**

This program forms the data backbone for Augusta-Richmond County's stormwater program. Data from this network will allow for more accurate assessments of creek basin water budgets, which will be important for flood risk, MS4 compliance, and stormwater maintenance schedules.

- Maintain existing rain gauge network of 12 sites at 2-4 week intervals (as needed)
 - Maintain 3 additional level logger sites (5 loggers)
 - Service 5 hobo loggers (\$1600 - batteries/calibration)
- Add 3-5 new rain gauge stations
- Maintain website, and maintain data backup
- Maintain 3 additional level logger sites (5 loggers)
 - Service 5 hobo loggers (\$1600 - batteries/calibration)
- Constantine Engineering will be responsible for website, data backup, and annual report

- **Bathymetric monitoring at rain gauge sites: \$19,500**

This project is intended to provide data on channel stability to supplement information gathered during previous geomorphic assessments and on-going TSS (total suspended solids) monitoring. Data gathered will aid in understanding whether specific stream segments are in disequilibrium by monitoring for changes in channel shape and size to detect signs of excessive erosion or deposition. These data can be used as a check on the results of the geomorphic assessment, to identify whether there is a relationship between rates of change and TSS data, to identify potentially problematic areas, and to provide a data set for comparison among sites to aid in further investigations of factors related to the presence and magnitude of channel instability.

- Perform quarterly bathymetric measurements at rain gauge/water level sites where possible (10 sites existing sites, 3-5 new sites)
- Deliverable: Annual report that summarizes data

**AUGUSTA-RICHMOND COUNTY
AUGUSTA, GA ENGINEERING DEPARTMENT
SUPPLEMENTAL AGREEMENT**

Augusta Richmond County Project Number(s):	581-044320-5211120
Supplemental Agreement Number:	4
Purchase Order Number:	242217

WHEREAS, We, **Phinizy Center for Water Sciences**, Consultant, entered into a contract with Augusta-Richmond County on February 18, 2014, for Engineering Design Services associated with the **Stormwater Utility Fee Implementation** Project No. 581-044320-5211120, File Reference No. 20-014 (A), and

WHEREAS, certain revisions to the design requested by Augusta-Richmond County are not covered by the scope of the original contract, we desire to submit the following Supplemental Agreement to-wit:

**Additional services for the continued Watershed Geomorphic
Data collection & Monitoring System**

It is agreed that as a result of the above described modification the contract amount is increased by **\$89,500.00** from **\$607,760.00** to a new total of **\$697,260.00**.

Any modifications to submittal dates shall be as identified in the attached proposal. This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, **Phinizy Center for Water Sciences**, Consultant, hereby agree to said Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract to be performed under the specifications thereof, and that the original contract is in full force and effect, except insofar as it might be modified by this Supplemental Agreement.

This _____ day of _____, 2020

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

PHINIZY CENTER FOR WATER SCIENCES

Hardie Davis, Jr., Mayor

Approved: Date _____

Approved: Date _____
[ATTACHED CORPORATE SEAL]

ATTEST:

ATTEST:

Title: _____

Title: _____



Engineering Services Committee Meeting

3/10/2020 1:20 PM

**Stormwater Program-Watershed Assessment & Analyses, & Inventory & Mapping stormwater
Facilities & Storm Conveyance System** File reference: 20-014(A)

Department: Engineering

Presenter:

Caption: Approve Supplemental Agreement Four for the Phinizy Center for Watershed Assessment & Inventory Project in amount of \$89,500 for the continue Watershed Geomorphic data collection and Monitoring System maintenance as requested by AED. RFQ 13-149.

Background: Watershed assessment & analysis, and Inventory and mapping of stormwater conveyance system are warranted to address increasing maintenance needs and comply with federally mandated regulations. Historically, watershed assessments and flood mapping and modeling have provided Augusta-Richmond County with limited data to make informed decisions about flooding, creek health relative to Georgia water quality standards, and planning. Receiving Streams Inventory and Raingage Operation (Tasks C&D) provide significantly more actionable data that can be integrated into better stormwater management decisions for the county and also lays the foundation for more detailed water quality work in the future.

Analysis: Augusta Commission on February 18, 2014 approved funding for phase 1 of the project for data inventory and assessment. A Phase approach was developed as a result of available funding constraints to complete the project. Tasks C & D are in progress and funds are needed to continue progressively constructing Raingage network and stream hydrologic data gathering work in local creek basins.

Financial Impact: Funds are available in Stormwater Utility Funds.

Alternatives: 1) Do not approve and find alternative ways to continue stream hydrologic data gathering needed for stormwater system and drainage system improvements.

Recommendation: Approve Supplemental Agreement four for the Phinizy Center for Watershed Assessment & Inventory Project in amount of \$89,500 for the continue Watershed Geomorphic data collection and Monitoring System maintenance as requested by AED.

**Funds are
Available in the
Following
Accounts:**

Funds are available in SWU Funds 581-044320-5211110

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**

**CAPITAL PROJECT BUDGET
Telfair Street Improvements
(RFP #18-266)**

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby amended:

Section 1: The project is authorized to CPB#371-041110-T15040148.
This request is for Supplemental Agreement Number One to
Goodwyne, Mills & Cawood (GMC) in the amount of \$183,540.00 for the
Telfair Street Improvement Project.
Funding is available in the TIA project budget.

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

TIA Design	\$ 1,076,550
TIA Funds	\$ 183,540
	<u>\$ 1,260,090</u>

Section 3: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Honorable Hardie Davis, Mayor

**CAPITAL PROJECT BUDGET
Telfair Street Improvements
(RFP #18-266)**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB ADDITION</u>	<u>New CPB</u>
TIA Project 371-0411110/5212115-T15040148	(\$1,076,550)	(\$183,540)	(\$1,260,090)
TOTAL SOURCES:	(\$1,076,550)	(\$183,540)	(\$1,260,090)
<u>USE OF FUNDS</u>			
ENGINEERING 371-0411110-5212115/T15040148	\$1,076,550	\$183,540	\$1,260,090
TOTAL USES:	\$1,076,550	\$183,540	\$1,260,090

371-041110-T15040148

**ENGINEERING DEPARTMENT
SUPPLEMENTAL AGREEMENT**

Augusta Richmond County Project Number(s):	371-041110-T15040148
GDOT Number (s):	RC07-000148 PI 0011409
Supplemental Agreement Number:	1
Purchase Order Number:	19ENG736

WHEREAS, We, **Goodwyne, Mills, & Cawood (GMC).**, entered into a contract with Augusta-Richmond County on July 31, 2012 for engineering design services associated with the improvements to **Telfair Street**. Project RC07-000148, PI 0011409, File Reference No. 19-014 (T), and

WHEREAS, certain revisions to the design requested by Augusta-Richmond County are not covered by the scope of the original contract, we desire to submit the following Supplemental Agreement to-wit:

Additional Engineering Services to include additional survey for Telfair and ancillary roadways.

It is agreed that as a result of the above described modifications the contract amount is increased by **\$183,540.00** from **\$1,076,541.00** to a new total of **\$1,260,081.00**

Any modifications to submittal dates shall be as identified in the attached proposal. This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, **Goodwyne, Mills & Cawood (GMC).** Consultant, hereby agree to said Supplemental Agreement consisting of the above mentioned item, and agree that this Supplemental Agreement is hereby made a part of the original contract to be performed under the specifications thereof, and that the original contract is in full force and effect, except insofar as it might be modified by this Supplemental Agreement.

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

Goodwyne, Mills & Cawood (GMC).

Hardie Davis, Mayor

Approved Date: _____

ATTEST:

Title:

Approved: Date:

[ATTACHED CORPORATE SEAL]

ATTEST:

Title:



February 25, 2020

Ms. June Hamal
Project Engineer
Augusta Engineering Department
452 Walker Street, Suite 110
Augusta, GA 30901

RE: Scope Amendment for Telfair Street Improvements from 15th Street to East Boundary Street (PI No. 0011409) to include additional survey for Telfair and ancillary roadways

Dear Ms. Hamal:

GMC is submitting the following proposal for survey services associated with the Telfair Street Improvements Project that will include control point checks, digital levels for the length of the entire project, spot checks to verify the existing survey basemap, additional surface shots and topo features, verifying the existing ROW and property corners in areas of concern, and locating the Telfair Street crown. The survey work will be performed by Cranston Engineering at the request of AED.

Fee Totals

GMC's total fee to provide services for the additional survey on Telfair and ancillary roadways is **\$183,540.00**. An itemized list for the work is provided below. Please note that the line items #1 - #5 are fees that were provided by Cranston and GMC's fees for the work are listed in line items #6 & #7.

Description	Fee
1. Locate Control Points / TBM Digital Levels (LS – by Cranston)	\$39,628.37
2. Survey Validation (LS – by Cranston)	\$17,007.22
3. Additional Topographic Field Survey (LS – by Cranston)	\$65,005.50
4. Property Corner Validation (LS – by Cranston)	\$35,256.58
5. Locate Telfair Street Crown (LS – by Cranston)	\$ 6,142.33
6. Database update (LS by GMC)	\$12,500.00
7. Project Management Coordination (LS by GMC)	\$ 8,000.00
TOTAL:	\$183,540.00

Schedule

Cranston indicates that they are prepared to begin work immediately and expect to complete the survey validation within 4 weeks. Once the survey validation is complete, they will proceed with the additional field survey and expect to

Goodwyn Mills Cawood

1450 Greene Street, Suite 505
Augusta, GA 30901
T: 706.251.9099



complete the field work within an additional 8 weeks. They will provide the data point files to GMC as they are collected so that the database can be updated as the work progresses.

Acceptance

If the scope of work and fee proposal are acceptable, please sign and date below and forward one copy as our agreement and authorization to proceed. Please contact our office if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to be 'Rhonda Davis', written over the word 'Sincerely'.

GOODWYN MILLS CAWOOD, INC.

Rhonda Davis, PE

ACCEPTED BY

DATE



Engineering Services Committee Meeting

3/10/2020 1:20 PM

**Telfair Street Improvements Project Design Services for Roadway Improvements TIA Project Number:
RC07-000148 / PI#0011409 RFP Item: 18-266**

Department: Engineering

Presenter:

Caption: Approve supplemental funding (SA1) for Engineering Phases of Design Consultant Services Agreement to Goodwyne, Mills & Cawood (GMC) in the amount of \$183,540.00 for the Telfair Street Improvements Project as requested by the AED. Award is contingent upon receipt of signed agreement. RFP 18-266.

Background: The Telfair Street Improvements is a project from the "Approved Investment List" of TIA that was approved by voters of the CSRA in the July 31, 2012 referendum. The Telfair Street is a Band 3 project. The project improvements consist of improving roadway safety by resurfacing, reconstructing the existing curb and gutter, replacing sidewalks and improving the storm water system. The project will improve pedestrian safety at intersections with new high visibility crosswalks. New street landscaping will be provided, where possible, to enhance pedestrian use and improvement of roadway aesthetics. In May 2019, commission approved award of the design phase of the project to GMC. The roadway design is in progress and supplement services are warranted for gathering additional survey data, including auxiliary efforts.

Analysis: On May 7, 2019 the Augusta Commission approved to move the project from preliminary initial concept to design. The project is in the design phase and supplemental professional services are needed for design completion. The purpose of this supplement is to complete needed survey data.

Financial Impact: Project TIA Funds.

Alternatives: 1). Do not approve and find alternative to complete the project and meet TIA project completion schedule.

Recommendation: Approve supplemental funding (SA1) for Engineering Phases of Design Consultant Services Agreement to Goodwyne, Mills & Cawood (GMC) in the amount of \$183,540.00 for the Telfair Street Improvements Project as requested by the AED. Award is contingent upon receipt of signed agreement.

**Funds are
Available in the
Following
Accounts:**

Project TIA Funds: 371-041110 (JL T15040148)-5212115

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**
