

**GEORGETOWN SEWER IMPROVEMENTS
ENGINEERING DESIGN AND CONSTRUCTION OVERVIEW SERVICES
EVENT NO. 5906**

**SECTION II
SCOPE OF WORK**

- 2.0 Broad Description of Project:** The purpose of this event is to receive proposals from qualified contractors for services for engineering design and construction overview services for Georgetown sewer improvements. Electronic submissions will not be accepted for this proposal.

The Lift Station 176 16 inch force main shall be extended approximately 10,250 linear feet. The new force main shall extend from end of line at Henderson Lake to a tie-in point at Lift Station 126 as shown on the attached Exhibit 4. It is proposed that the project be constructed inside the City's existing utility easement. Where this is not possible, the proposed force main shall be placed in public rights of way, other utility easements, or private properties (City or County right-of-way or drainage easements, Georgia Power, etc.). Thus, plat preparation and utility application preparation services shall be included in the project and the City will handle the property acquisition process. As part of this project, Lift Station 193 shall be investigated due to the proposed extension as well as Lift Station 26 in the event the flow is reversed from Georgetown to Southwest Quad.

2.1 Detailed Scope of Services

2.1.1 Preliminary Engineering

A. Site Survey and Topographic Survey

1. Verify both horizontal and vertical position of existing equipment, structures, pipes, and appurtenances along the proposed force main route. Locate all above and below ground structures, measuring elevations and dimensions, permanent benchmarks, and ancillary equipment. Provide right-of-way boundaries, easements, property corners, and a copy of the recorded plat for the proposed route. Establish temporary benchmarks for each construction drawing sheet. Obtain topographic data and all other necessary survey data to design the proposed force main.
2. The survey shall utilize a coordinate system based on the Georgia State Plane Coordinate System, East Zone, North American Datum of 1983 (NAD 83). Elevations shown shall be based on the North American Vertical Datum of 1988 (NAVD 88). All measurements and coordinates shown shall use the U.S. Survey Foot definition.

B. Subsurface Utility Engineering

1. The consultant shall provide horizontal and vertical field identification and verification including mapping, of all underground utilities that are in the vicinity or in conflict with the proposed force main installation. Subsurface Utility Engineering (SUE) services shall be required per ASCE Standard 38-02 "Standard Guideline for the Collection and Depiction of Existing Subsurface Data," and such specialized service companies shall be contracted.
2. The minimum level of information to be used for this project includes:
 - Quality Level D is the most basic level of information obtained and requires a search of all reasonably accessible databases. Databases include utility companies, public works departments, and facility owners.
 - Quality Level C information requires a visual inventory and survey of the above ground infrastructure associated with utilities such as manholes, valve boxes, hand holes, transformers, etc., to assess the general accuracy and completeness of the information obtained in the Level D phase.
 - Quality Level B is the level in which geophysical methods are employed to designate the existence and approximate horizontal location of utilities in the project area. Methods employed include electromagnetics, ground penetrating radar (GPR), 3-D assisted radar tomography (CART), and other specialized geophysical equipment. Deliverables for Level B include survey drawings of all utility features with attributes showing the quality information of each utility line. Level B includes information gathered during Level C and Level D.
 - Quality Level A involves the vacuum excavation technique to safely dig test holes and expose utilities. This provides an exact three-dimensional location and positive identification of the utility. Vacuum excavation uses an air lance to break up the soil and a vacuum system to remove the soil, thereby eliminating the potential for damage caused by mechanical excavation. The cost to patch test digs shall be part of the per hole cost of Quality Level A investigation.
3. Level C and D reviews shall be for the entire project route. Based on the results of these initial reviews, the Consultant shall recommend selected areas to receive Level B and A analysis to the City for concurrence.
4. The limits of the utility locates shall be:
 - Quality Levels C and D: In public rights of way the horizontal limit shall be five feet (5') outside of the public right-of-way, otherwise the horizontal limit shall be 25 feet on-center of the proposed project centerline. There shall be no vertical limit.
 - Quality Levels A and B: The horizontal limit shall be at least 25 feet on-center of the proposed project centerline and the vertical limit shall be at least ten feet (10') below ground surface. Deeper investigations may be warranted based on proposed construction methods, results of screening level investigations, or other factors, which shall be performed by others based on the consultant's professional judgment and with the concurrence of the City.
5. To facilitate consistent project bidding, a quantity of hours (Level B) and test holes (Level A) has been included on the proposal form, and the proposer will be asked to specify rates for each.

C. Plat Preparation

The consultant shall prepare up to five (5) recordable plats covering properties in which public easements or rights of way must be acquired by the City for the project. Plats shall be prepared in duplicate as follows: One (1) set of plats shall contain PIN numbers and the names of property owners based on current County property tax records and one (1) set shall omit PIN numbers and the names of property owners. Legal research, if required, shall be the responsibility of the consultant. These documents shall be submitted after the completion and review by the City of preliminary plans. All plats shall be stamped with a seal and signed by a land surveyor registered in the State of Georgia.

D. Geotechnical Investigation and Report

The consultant shall contract a geotechnical investigation company to characterize the existing subsurface conditions along the proposed utility route every 300 feet, and as necessary at bore crossings. The depth of the penetration test shall be based upon soil conditions and likely depth of proposed infrastructure.

Investigation shall include coring of existing pavement and underlying base to determine roadway thickness. A core shall be taken for every 500 linear feet of pavement requiring demolition, with additional cores taken where changes in roadway classification or appearance suggest a change in pavement or base material composition or thickness.

The geotechnical investigation and evaluation is needed to determine the subsurface conditions of the proposed force main route, and to evaluate the conditions for the construction of the proposed project.

The geotechnical engineering evaluation report shall summarize the following information:

- A brief description of the proposed project
- A description of the route conditions
- An explanation of the subsurface exploration procedures and findings
- Bedding/backfill recommendations
- Roadway coring data

E. Preliminary (30%) Plan Submittal

1. The consultant shall prepare and submit preliminary plans (30% complete), which shall include:
 - Preliminary general plan sheets (cover sheet, general notes and legend)
 - Preliminary Site Plans showing the alignment and existing conditions
 - Where the proposed project crosses existing utilities, provide vertical data and/or profile to evaluate potential impacts to alignment
2. The consultant shall also prepare and submit the following items along with the preliminary plan submittal:
 - List of the types of permits considered and required
 - Engineer's Estimate of Probable Construction Cost per project site. Expected range of accuracy for estimate shall be $\pm 30\%$. Range of accuracy requirements for project cost estimates reflects the level of effort made to prepare the estimate and

not simply the value of the engineer's contingency.

- Draft Specification Table of Contents
3. The consultant shall submit three (3) paper copies and one (1) electronic copy of the submittals (full-size 24 inch by 36 inch plan sheets). After a two (2) week review period, the consultant shall hold a workshop with City of Savannah Public Works and Water Resources Bureau Department to present the plans and review the preliminary design.

F. Lift Stations 193 and 126 Evaluation Report

1. The consultant shall analyze Lift Station 193 for pumping capacity based on existing flows, future flows, and proposed force main extension as well as recommendation with cost estimate.
2. The consultant shall analyze Lift Station 126 for pumping capacity based on existing flows, future flows, and proposed force main extension as well as recommendation with cost estimate.

2.1.2 Final Design

After the preliminary plans have been reviewed and approved by the City, the final design phase shall begin for the selected route. The final design phase requires the consultant to make drawing and specification submittals at the 60% and 100% complete stages of project design.

A. Permitting Services

1. The consultant shall be responsible for determining required encroachment permits and approvals needed from existing utilities (e.g. Georgia Power, Atlanta Gas Light, etc.), Chatham County, Georgia Department of Transportation, and railroads for final project alignments.
2. Identification of all permits and preparation of all permit applications to satisfy City, county, state, and federal requirements for the construction of the project shall also be performed.
3. Project shall be subject to City of Savannah site plan review (SPR) process to secure a land disturbing activity permit.
4. Permitting shall also include any wetland delineation and approval from regulating agencies for the installation of utilities.
5. The consultant shall prepare a list of the types of permits considered and indicate the permits required. Concurrence with this list by the City does not relieve the consultant's responsibility to identify and prepare approvable submittals for all required permits.

B. 60% Construction Plans Submittal

1. The consultant shall submit new and revised drawings to the City for review at the 60% design completion stage. The 60% submittal shall include the following drawings:
 - Updated general plan sheets (cover sheet, vicinity map, drawing index, general notes and legend)
 - Updated site plans showing existing conditions, project alignment, and profile
 - Preliminary civil notes and details
 - Preliminary erosion and sedimentation control notes and details

2. The consultant shall also prepare and submit the following items along with the 60% construction plan submittal:
 - Updated (60%) engineer's estimate of probable construction cost. Expected range of accuracy for estimate shall be $\pm 20\%$.
 - Draft construction schedule
3. The consultant shall submit three (3) full-size paper copies and one (1) electronic copy of the submittals. After a two (2) week review period, the consultant shall hold a meeting with City of Savannah Public Works and Water Resources Department staff to review the 60% plan submittal.
4. The consultant shall also hold a meeting with the City site plan review (SPR) team to present 60% drawings and discuss project in advance of plan submittal for issuance of land disturbing activity permits.
5. The 60% submittal will address comments generated during the review of the 30% submittal. Failure to address previous comments may result in the submittal being considered incomplete.

C. 100% Construction Plans Submittal

1. The consultant shall submit revised drawings to the City for review at the 100% design completion stage. The drawings and specifications submitted at this stage shall be 100% or nearly 100% complete. The 100% submittal shall include the following drawings:
 - General plan sheets (cover sheet, vicinity map, drawing index, general notes, and legend)
 - Site plans showing the existing conditions, final alignments and profiles
 - Civil notes and details
 - Erosion and sedimentation control plans, notes, and details
2. The consultant shall also prepare and submit the following items along with the 100% construction plan submittal:
 - Final specifications, including standard contract documents and special inspections
 - Final (100%) engineers estimate of probable construction cost. Expected range of accuracy for estimate shall be $\pm 10\%$.
 - Final construction schedule
3. The consultant shall submit three (3) full-size paper copies and one (1) electronic copy of the submittals. After a two (2) week review period, the consultant shall hold a workshop with City of Savannah Water Resources Department staff to review the 100% plan submittal.
4. The 100% submittal will address comments generated during the review of the 60% submittal. Failure to address previous comments may result in the submittal being considered incomplete.

D. Final Revisions

1. The consultant shall address any final comments on the drawings and specifications from City staff and/or other review agencies. The consultant shall document and submit to the City a summary of the final revisions made.

2. The final plans and specifications shall be submitted to the City of Savannah Development Services Division, [eight (8) full-size paper copies and one (1) electronic copy on CD].

2.1.3 Bidding Services

After the final design documents have been reviewed and approved by the City, with appropriate agency approvals and easements obtained, bidding services shall be provided in accordance with the Agreement (RFP Attachment 2) including, but not limited to, the following:

A. Preparation Of Plans And Specifications For Bidding

Prior to advertising for bids, the consultant shall coordinate with the City to make ready the project specifications and provide plans for bidding. The requirements include:

1. Completion of the City's request for contract form, (asks for recommendations on the value of liquidated damages, duration of construction, wet weather days, etc.
2. Prepare the project bid form, which shall be consistent with the measurement and payment specification and include any necessary instructions to complete the form
3. Update Section 01600, Supplemental General Conditions, as necessary to conform to special conditions pertaining to the project that are different from Section 01500, General Conditions
4. Assist City staff in the preparation of the invitation to bid
5. Transmission of three (3) complete sets of approved plans to the City of Savannah marked "APPROVED FOR BIDDING" (one unbound for reproduction) and one (1) electronic set of technical specifications, including supplemental general conditions.

B. Project Bidding Assistance

1. Responding to comments/questions from involved parties via compilation and submission of addenda to the City
2. Attending pre-bid conference
3. Preparation and distribution of pre-bid meeting minutes
4. Review of bid proposal documentation and preparation of bid tabulation
5. Evaluation and recommendation of the contractor
6. At the City's request, update all drawings and specifications to clearly indicate any additions, deletions, clarifications, or changes that occurred during the bidding process

2.1.4 Construction Phase Services

After the bid phase has been completed and an acceptable bid has been awarded by the City of Savannah, construction phase services shall be provided in accordance with the agreement (RFP Attachment 2) including, but not limited to, the following:

A. Pre-Construction Conference

1. Attend pre-construction conference and present/review project requirements
2. Preparation and distribution of pre-bid meeting minutes
3. Provide seven (7) full-size (24 inches by 36 inches) and two (2) half-size (11 inches by 17 inches) sets of plans marked "APPROVED FOR CONSTRUCTION"

B. Contract Administration

1. Conducting monthly project meetings
2. Reviewing and responding to contractor requests for information
3. Reviewing shop drawings
4. Interpretation and clarification of the Contract Documents
5. Processing and evaluating change orders
6. Processing contractor's pay requests
7. Copies of time sheets for all A/E personnel providing construction phase services, including a brief narrative of the work performed (to accompany A/E consultant requests for payment)
8. Conduct final inspection in coordination with City staff
9. Preparing and distributing minutes of all meetings

C. Survey Assistance

1. Locating, confirming, and reestablishing (if necessary) permanent and temporary benchmarks
2. If requested by the contractor, assist the contractor in locating previously found markers or monuments used to establish easements and rights of ways (ROWs) for construction and in the construction area
3. Coordinating and scheduling survey assistance with the contractor, who shall protect permanent and temporary benchmarks, and markers or monuments in the construction area

D. Part Time Resident Inspection

1. Provide resident project inspector for ten (10) hours per week during project construction for 44 weeks.
2. Copies of time sheets for all personnel that worked on this project
3. Copies of inspection field logs
4. Brief narratives on the work performed by the personnel invoiced on project
5. Documentation for defective work, stored materials, and materials quantities.
6. Interpretation and clarification of the contract documents
7. Shop drawing review, including reviewing contractor proposed bypass plans
8. Evaluation of substitutes
9. Oversight of inspections and testing
10. Review of applications for payment based on submitted data and schedules
11. Monthly review and recording of the contractor's record drawings
12. Monthly documentation of lost time/wet weather days
13. Compilation and submission for certificate of substantial completion
14. Compilation and submission of final inspection project punch list

2.1.5 Close-Out Services

After the construction of the project has been completed and final payment to the contractor has been paid by the City of Savannah, close out services shall be provided in accordance with the agreement (RFP Attachment 2) to include the following:

A. Close-Out Documents Checklist

1. Record drawings (as-built drawings)
2. CDs of record drawings (as-built drawings) (AutoCAD 2007 format) including all fonts used, plot style CTB file, and any attached .xref files necessary to reprint all drawings exactly as the originals
3. Recorded plats
4. Two complete sets of Mylars
5. Certification letter with utility cost/quantities
6. Signed elevation certificates
7. Videotape of utilities

B. Record Drawings

Record drawings (as-built drawings) must be submitted to the City of Savannah Water and Sewer Planning and Engineering Office for review and approval. The size of the sheets shall be 24 inches by 36 inches. Record drawings (as-built drawings) shall have a coordinate system based on the Georgia State Plane Coordinate System, East Zone, NAD 83. Elevations shown shall be based on NAVD 88. All measurements and coordinates shall use the U.S. Survey Foot definition. Coordinates shall be shown on all drainage structures, detention facilities, manholes, valves, fire hydrants, tees, and bends. The final record drawings shall include all improvements by contractor and equipment suppliers, and shall be stamped/certified by a land surveyor registered in Georgia and/or a professional engineer registered in Georgia.

2.2 Proposal Format

Proposals shall be submitted in the following format and include the following information:

- 2.2.1 Cover letter - Stating the intent of the proposer for this event. Cover letter must include acknowledgement of all addenda issued for this proposal. If addenda are not acknowledged in the cover letter, proposals will not be considered further.
- 2.2.2 Consultant Statement of Qualifications

Response to Consultant Statement of Qualifications (Attachment 1):

- A/E Firm Information and Georgia Licenses
- Project Team
- Organizational Chart
- Resumes
- Related Project Experience

2.2.3 Project Approach

Detailed narrative description of the consultant's proposed project approach addressing critical project requirements, including, but not limited to:

- Coordination with the City and milestones for progress meetings/workshops
- Cost estimating at various project design stages
- Subsurface utility investigation methods and equipment to be used

- Maintaining project schedule
- Quality assurance

A good project approach demonstrates that the proposer is familiar with the potential difficulties associated with the design and construction of projects of this type and has a sound plan to address them. A project approach that clearly addresses the above critical project requirements and describes the proposer's methods for dealing with other potential difficulties will score better than one that merely restates the project scope.

2.2.4 Detailed Project Schedule

Project schedule (Gantt Chart) for completion of the project, including start and end dates for task or sub-task completion, submittal dates, major project milestones, City or regulatory review periods, and critical path.

Schedule shall include all tasks and milestones necessary to indicate project approach. Exhibit 1 of Attachment 2 is provided only to suggest tasks and milestones, it is anticipated that the proposers schedule will have more detail. The proposed schedule will be strictly followed throughout the project duration, and shall only be modified as agreed between the City and the consultant.

A good project schedule demonstrates that the proposer understands the project scope and the temporal requirements for the design and permitting of projects of this type. A project schedule without the detail necessary to demonstrate this understanding may not receive full points.

2.2.5 Hourly Rate Schedule

Provide hourly rates for each type and class, (e.g. – project manager, engineer iv, cad operator, administrative assistant, etc.) of individual assigned to the project team.

Hourly rates shall be submitted for the consultant and for each sub-consultant. Hourly rates shall be fully burdened, including overhead and profit, and shall remain fixed during the project.

The hourly rates provided will be included in the agreement as Exhibit 2.

2.2.6 Disadvantaged Business Enterprise Goals

The City of Savannah desires that this project have the strongest possible participation of Disadvantaged Business Enterprises (DBEs). DBE firms must have a current certification with the Georgia Department of Transportation (GDOT) or an approved certifying agency. Proposers should embrace this goal and demonstrate meaningful DBE participation in the project as follows:

- A. Prime Contractor Level DBE Participation – Meaningful DBE participation may take the form of a teaming agreement, partnership, mentor-protégé relationship, joint venture, or similar relationship wherein the DBE partner shares in a significant portion of management responsibility and profit-making potential. The proposer shall:
 - a. Provide names of DBE firms that are part of prime contractor bid team.
 - b. Provide a copy of teaming, joint venture or other equivalent agreement(s) between parties on prime contractor bid team setting forth roles and responsibilities and profit-sharing arrangements.

- c. Describe roles and responsibilities of each company and its employees.
 - d. Provide anticipated percentage of DBE participation for each participant on the team.
 - e. Provide letter of commitment from lead firm, addressed to the City of Savannah, regarding association with each participant on the prime contractor level team.
 - f. Provide letters of commitment from each DBE firm, addressed to the City of Savannah regarding association with lead firm.
- B. Sub-Contractor Level DBE Participation – The proposer shall provide a written plan for how it will ensure that DBE firms have the maximum possible opportunity to participate in prime and second tier sub-contracts that will be available in the completion of this project.
- a. The plan should include the proposer’s best estimate of the percentage of DBE participation (based on subcontract values) it expects to be able to achieve in this project from subcontractors.
 - b. The plan shall include estimated dollar amounts of subcontract values that are used to estimate an overall proposal from the proposer.

Points will be allocated based on each respondent’s proposed DBE goal, with the maximum points of four (4) being awarded to the respondent who submits the highest proposed DBE goal at the prime contractor level, and six (6) being awarded to the respondent who submits the highest proposed DBE goal at the sub-contractor level. Points will be allocated to each respondent by using the following mathematical calculation:

- i. In the case of the award based on the prime contractor level:

$$\frac{\text{Respondent's Proposed DBE Goal}}{\text{Highest Proposed DBE Goal}} \times 4 = \text{Weighted Score}$$
- ii. In the case of the award based on the sub-contractor level:

$$\frac{\text{Respondent's Proposed DBE Goal}}{\text{Highest Proposed DBE Goal}} \times 6 = \text{Weighted Score}$$

No proposals will be deemed non-responsive due to this factor.

2.2.7 Fee Proposal

Proposers shall submit fees in a separate sealed envelope per instructions in Section III and signed by responsible party. Fees shall not be included within the body of the proposal.

2.3 Basis of Award

2.3.1 Criteria and Weighting (Points)

Proposals will be evaluated according to the following criteria and weight:

- A. Experience with the design of similar projects. (20 points)

- B. Project approach (15 points)
- C. Project team (20 points)
- D. Proposed schedule (5 points)
- E. Fee proposal (25 points)
- F. DBE Participation Goals (10 points)
- G. Local Vendor:
(Within the City Limits of Savannah and
has a City of Savannah Business License) (5 points)

2.3.2 Selection Committee

Proposals shall be evaluated by a selection committee.

2.3.3 Short List and Best and Final Offer

A short list may be developed and interviews conducted with those proposers deemed to be most qualified. The City reserves the right to conduct interviews of any or all proposers at the City's discretion. The City also reserves the right to request a best and final offer (BFO) and to re-score evaluations based on the best and final offer. Proposers may be required to provide clarification of their proposal as part of the BFO response.

2.4 Copies

One (1) unbound, printed and signed original and six (6) identical, printed copies and one (1) electronic copy (flash drive) of the of the proposal and supporting documents must be submitted in response to the RFP. All responses shall follow the format outlined in this RFP. Fee proposals shall not be included in the electronic copy of the proposal submitted on the flash drive.

2.5 Contacts

Proposers must submit proposals in accordance with the instructions contained in this RFP. All requested information must be submitted with the proposal. Instructions for preparation and submission of proposals are contained in this package. All questions regarding this request for proposal shall be submitted in writing and emailed to the person listed on the summary event page.

2.6 Acknowledgment of Addenda

Proposers are responsible for determining and acknowledging any addenda issued relating to this event

2.7 Local Vendor Definition

A bidder or business shall be considered a local vendor if it meets all of the following requirements:

- A. The bidder or business must operate and maintain a regular place of business with a physical address within the corporate limits of the city, and
- B. The bidder or business must at the time of bid or quotation submission, have a current city business tax certificate issued by the city, and

- C. The business owner must serve a commercially useful function, meaning performance of real and actual service in the discharge of any contractual endeavor. The contractor/vendor must perform a distinct element of work for which the business owner has the skills, qualifications and expertise, as well as the responsibility for the actual performance, management and supervision of the work for which he/she has been contracted to perform.

2.8 Qualifications

Each proposer shall submit a summary of their qualifications (Attachment 1).

2.9 Schedule

Each proposer shall submit a detailed project schedule as discussed above in section 2.2.4.

2.10 Fees

Each proposer shall submit fees based on the detailed listing in Section III of the RFP.

2.11 Disclaimer

All documentation provided by the City shall be field verified by the consultant. The City neither certifies nor claims that the information shown represents the existing site conditions. The information shown shall not be used without field verification. In no event shall the City be liable for any direct, special, or consequential damages from the use of the drawings.

SECTION III

FEE PROPOSAL

ALL PROPOSERS MUST BE REGISTERED SUPPLIERS ON THE CITY'S WEBSITE TO BE AWARDED AN EVENT. PLEASE REGISTER AT WWW.SAVANNAHGA.GOV. ELECTRONIC SUBMISSIONS WILL NOT BE ACCEPTED. PROPOSALS MUST BE SUBMITTED ON THIS FORM.

Fee proposals shall be submitted on this form in a separate sealed envelope clearly marked Fee Proposal for Georgetown Sewer Improvements RFP Event # 5906 and include the name of the proposer. Fee proposals will only be opened if after the initial evaluation, proposer is deemed to be qualified. Fee proposals will then be considered in relation to the qualification points awarded to determine the overall best proposal in terms of fees and qualifications.

All addenda must be acknowledged in the cover letter according to the terms set forth in Section 2.2.1 of this RFP.

ITEM 2.1.1 - Preliminary Engineering

- A. Site Survey and Topographic Survey \$ _____
- B. Subsurface Utility Engineering (SUE) Services
 - Quality Level D – Database Review \$ _____
 - Quality Level C – Visual Survey \$ _____
 - Quality Level B – 24 Hrs. @ \$ _____ per Hrs. = \$ _____
 - Quality Level A – 5 Holes @ \$ _____ per Hole = \$ _____
- C. Plat Preparation- 5 Plats @ \$ _____ per Plat = \$ _____
- D. Geotechnical Investigation Report \$ _____
- E. Preliminary (30%) Plan Submittal \$ _____
- F. Lift Stations 193 and 126 Evaluation Report \$ _____

ITEM 2.1.2 - Final Design

- A. Permitting Services \$ _____
- B. 60% Construction Plans Submittal \$ _____
- C. 100% Construction Plans Submittal \$ _____
- D. Final Revisions \$ _____

ITEM 2.1.3 - Bidding Services

A. Preparations of Plans & Specs for Bidding \$ _____

B. Project Bidding Assistance \$ _____

ITEM 2.1.4 - Construction Phase Services

A. Pre-Construction Conference \$ _____

B. Contract Administration \$ _____

C. Survey Assistance \$ _____

D. Part-Time Inspection – 10 Hrs./wk @ 44 wks = \$ _____

ITEM 2.1.5 - Close-out Services \$ _____

TOTAL FEE PROPOSAL \$ _____

SUBMITTED BY: _____

PROPOSER: _____

SIGNED: _____

NAME (PRINT): _____

ADDRESS: _____

CITY/STATE: _____ **ZIP** _____

TELEPHONE: (_____) _____
Area Code

FAX: (_____) _____
Area Code

I certify this proposal complies with the General and Specific Specifications and Conditions issued by the City except as clearly marked in the attached copy.

Please Print Name Authorization Signature Date

INDICATE MINORITY OWNERSHIP STATUS OF BIDDER (FOR STATISTICAL PURPOSES ONLY):

CHECK ONE:

_____ **NON-MINORITY OWNED**

_____ **AFRICAN AMERICAN**

_____ **HISPANIC**

_____ **WOMAN (non-minority)**

_____ **ASIAN AMERICAN**

_____ **AMERICAN INDIAN**

_____ **OTHER MINORITY Describe** _____

NON-DISCRIMINATION STATEMENT

The bidder certifies that:

- (1) No person shall be excluded from participation in, denied the benefit of, or otherwise discriminated against on the basis of race, color, national origin, or gender in connection with any bid submitted to the City of Savannah or the performance of any contract resulting therefrom;
- (2) That it is and shall be the policy of this company to provide equal opportunity to all business persons seeking to contract or otherwise interested in contracting with this company, including those companies owned and controlled by racial minorities, cultural minorities, and women;
- (3) In connection herewith, we acknowledge and warrant that this company has been made aware of, understands and agrees to take affirmative action to provide such companies with the maximum practicable opportunities to do business with this company;
- (4) That this promise of non-discrimination as made and set forth herein shall be continuing in nature and shall remain in full force and effect without interruption;
- (5) That the promises of non-discrimination as made and set forth herein shall be and are hereby deemed to be made as part of and incorporated by reference into any contract or portion thereof which this company may hereafter obtain and;
- (6) That the failure of this company to satisfactorily discharge any of the promises of non-discrimination as made and set forth herein shall constitute a material breach of contract entitling the City of Savannah to declare the contract in default and to exercise any and all applicable rights and remedies including but not limited to cancellation of the contract, termination of the contract, suspension and debarment from future contracting opportunities, and withholding and/or forfeiture of compensation due and owing on a contract.

Signature

Title

DBE SUBCONTRACTOR PAYMENT REPORT

Report No. _____

Contract #:	Contract Amount:	Date Form Submitted:	
Project Name:		Project Completion Date:	
Prime Contractor:		Period Ending:	Amt. Paid to Prime:
Contact Person:		Telephone#: ()	Fax#: ()

SUBCONTRACTING INFORMATION

TO BE SUBMITTED TO THE CITY OF SAVANNAH OFFICE OF BUSINESS OPPORTUNITY

DBE Subcontractor	Telephone #	Description of Work	Original Agreed Price	% of work Completed to Date	Amount Paid This Period	Amount Paid To Date
Total Amount Paid to Subcontractors to Date:						

I certify that the information submitted in this report is in fact true and correct to the best of my knowledge

Signature:	Title:	Date:
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Note: The information provided herein is subject to verification by the Office of Business Opportunity.

**OFFICE OF BUSINESS OPPORTUNITY
SCHEDULE OF DISADVANTAGED BUSINESS ENTERPRISE (DBE) PARTICIPATION¹**

EVENT NUMBER:		PROJECT TITLE:			
PRIME CONTRACTOR NAME:		ADDRESS:		PHONE:	FAX:
SUBCONTRACTOR NAME	ADDRESS and PHONE NUMBER	SERVICES/WORK TO BE PERFORMED	DBE? (Y/N)	SUB-CONTRACT AMT (% OF TOTAL BASE BID)	SUB-CONTRACT AMT (\$)
TOTAL BASE BID²					\$
TOTAL PROPOSED DBE SUBCONTRACTS²					\$
BIDDER'S PROPOSED DBE PARTICIPATION³					%

I hereby certify that the above is a true reflection of proposed subcontracts, and that said firms shall be contracted to work on the trades specified and/or supply materials and/or equipment for this project. I have included a properly executed letter of intent for each DBE firm mentioned in this schedule with our response.

Name and Title of Authorized Representative	Signature	Date
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¹ Form to be completed and signed by the bidder/offeror; Use additional sheets if necessary.
² To be provided only when the solicitation requires that the bidder/offeror include the dollar amount in its bid.
³ Total proposed DBE participation (\$) divided by bidder's total base bid (less any exclusions specifically mentioned in the solicitation), or total of all DBE Participation (%) if dollar amount is not required.

**ATTACHMENTS TO
REQUEST FOR PROPOSALS FOR**

Miscellaneous Water Line Improvements (EVENT NO. 5906)

Attachment 1 - Consultant Statement of Qualifications

Attachment 2 - Agreement between Owner and Consultant

Attachment 3 – Additional Insurance Required of the Designer

**ATTACHMENT 1
CONSULTANT STATEMENT OF QUALIFICATIONS**

Contact Information

Provide information for a Principal Owner or Corporate Officer representing the prime contractor or joint venture that can be contacted for additional information:

Name of firm: _____

Physical address: _____

Name of contact: _____

Title: _____

Phone # _____ Fax # _____

E-mail address _____

A. General Information (Prime A/E Firm)

Year firm established: _____ DUNS number: _____

Type of ownership: _____ DBE Status: _____

Location of office where work will be performed: _____

Number of personnel at the office performing the work to provide services for the project:

Registered Engineers:	_____
Registered Land Surveyors:	_____
Design Engineers:	_____
Draftsmen (CAD Tech):	_____
Construction Inspectors:	_____
Clerical Staff:	_____
Total number in organization:	_____

If your firm were selected for the proposed project, would your firm's services be immediately available? If not, indicate length of delay:

Yes: _____ No: _____

Could your firm provide continuous and uninterrupted services until the project is completed?

Yes: _____ No: _____

Total value of all projects (engineering & construction administration fees) successfully completed by the office performing the work over the past 5 years: \$ _____

Total value of all projects currently under contract at the office performing the work, (engineering & construction administration fees): \$ _____

Limits of your firm's errors and omissions insurance: \$ _____

Errors and omissions insurance deductible: \$ _____

Has your firm ever been involved in litigation with an owner, contractor, or private developer? If so, indicate the case(s), the reason for, and the results of, the litigation:

Has your firm changed names within the past ten (10) years? _____

If yes, include the litigation information requested above for the firm under any previous name(s) in addition to the current name.

Please attach a copy of the current applicable Georgia Licenses held by the prime A/E contractor. Label and include as **Attachment A**.

B. Proposed Project Team

Provide the name, full mailing address, and contractual relationship, and a brief description of the role of each firm that will be involved in performance of the contract using the forms provided as **Attachment B**. List the lead consultant or joint venture partners first. If a firm has a branch office, indicate each individual branch office that will have a key role on the team. If more than four (4) firms are involved in the project team, use multiple copies of the attachment. The named sub-contractors and outside associates or consultants must be used, and any change must be approved by the City.

C. Organizational Chart

Provide an organizational chart of the proposed team showing the names and roles of all key personnel and the firm with which they are associated. Include technical staff that shall be performing the work.

Project Manager shall remain with the Project throughout the term of the A/E Agreement with the Owner. The Project Manager shall not be replaced or substituted without permission of the Owner. If the proposed Project Manager was not involved directly in at least three (3) of the projects listed in response to the “Related Project Experience” information request, please provide a discussion of why the project manager is very capable of managing this project and include as an attachment to the Project Manager’s resume.

Label and include Organizational Chart as Attachment C.

D. Resumes of Key Personnel

Provide the information requested in **Attachment D** for each key person who shall participate in the contract. *If existing resumes for team members are provided, Attachment D will still be required.*

Group entries by firm, with personnel of the prime consultant or joint-venture partner firms first. To successfully complete the form, please note that the following information must be provided:

Name, title, and role in project team

Total years of relevant experience and total years of relevant experience with current firm

Name, city and state of the firm where the person currently works, which must correspond with one of the firms listed in Attachment B (Project Team Data)

The highest relevant academic degree(s) received and the area(s) of specialization for each degree

Current relevant professional registration(s) in the United States

Other relevant professional qualifications relating to this project such as publications, organizational memberships, training, awards, etc.

The projects which the individual is currently obligated to spend at least four (4) hours per week and an estimate of the time the team member will be available during the active design phase of this project.

Up to four (4) relevant, projects in which the individual had a significant role that demonstrates the person's capability relevant to his or her role in the proposed project. If any of the professional services or construction projects are not complete, indicate so in the project description response.

E. Related Project Experience

Related Project Experience – Select projects that demonstrate the firm's capability to perform work similar to the proposed project, using the form provided as **Attachment E**. Projects must be located in coastal areas of the Southeastern United States (Savannah Georgia projects are a plus) and the study, design, or permitting efforts must have been implemented. Present a minimum of five (5) and a maximum of eight (8) projects. Projects demonstrating a history of the design team firms working together are also a plus. *If existing narratives of project descriptions are provided, Attachment E will still be required to capture any of the requested information that is not readily apparent, i.e. – not presented under a similar heading or stated directly.*

Attachment A – Applicable Georgia Licenses

Attach copies of all current applicable Georgia Licenses held by the prime A/E contractor behind this page.

Attachment B – Proposed Project Team Data

Please complete the following form for all members of the proposed project team (firms). Should additional pages be required, attach additional copies of this form.

Firm Name: _____ M/WBE Status _____

Relationship: Prime _____ Joint-Venture Partner _____ or Sub-Contractor _____

Mailing Address: _____

Role in this Contract: _____

Firm Name: _____ M/WBE Status _____

Relationship: Prime _____ Joint-Venture Partner _____ or Sub-Contractor _____

Mailing Address: _____

Role in this Contract: _____

Firm Name: _____ M/WBE Status _____

Relationship: Prime _____ Joint-Venture Partner _____ or Sub-Contractor _____

Mailing Address: _____

Role in this Contract: _____

Firm Name: _____ M/WBE Status _____

Relationship: Prime _____ Joint-Venture Partner _____ or Sub-Contractor _____

Mailing Address: _____

Role in this Contract: _____

Attachment C – Organizational Chart of Project Team

Attach the Organizational Chart for the proposed project team behind this page.

Attachment D – Resumes of Key Personnel

Team Member:

Name and Title: _____

Role in Contract: _____

Years of relevant experience, total: _____ Years of relevant experience, current firm: _____

Firm Name and Location (City & State): _____

Educational Achievements (Degree and Specialization):

Current Professional Registration(s) (State and Discipline):

Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.):

Current Projects: _____

Estimated availability during active project phases (hours/week): _____

Relevant Projects:

1) Project Name and Location (City and State): _____

Years Completed: Engineering: _____ Construction (if applicable): _____

Brief Project Description (scope, size, cost, etc.), **Specific Role of Team Member (e.g. – Project Manager, Cost Estimator, QA/QC Manager, etc.)**, and Firm Representing (if not current Firm):

2) Project Name and Location (City and State): _____

Years Completed: Engineering: _____ Construction (if applicable): _____

Brief Project Description, Specific Role of Team Member, and Firm Representing:

3) Project Name and Location (City and State): _____

Years Completed: Engineering: _____ Construction (if applicable): _____

Brief Project Description, Specific Role of Team Member, and Firm Representing:

4) Project Name and Location (City and State): _____

Years Completed: Engineering: _____ Construction (if applicable): _____

Brief Project Description, Specific Role of Team Member, and Firm Representing:

Attachment E – Example Projects by Design Team (Example # _____)

Project Title and Location: _____

Year Completed, Professional Services: _____ Year Completed, Construction: _____

Project Owner: _____

Point of Contact, Name: _____

Point of Contact, Telephone Number: _____

Provide a brief description of the example project **and its relevance to the proposed project**. Include factors such as scope, size, cost, principal elements, and features of the project:

Indicate the size, nature, and basis for any contract change orders: _____

Team Members (firms listed in Attachment B) involved in this Project:

Firm Name & Location (City/State): _____

Role in Project: _____

Firm Name & Location: _____

Role in Project: _____

Firm Name & Location: _____

Role in Project: _____

Firm Name & Location: _____

Role in Project: _____

ATTACHMENT 2
AGREEMENT BETWEEN OWNER AND CONSULTANT

THIS AGREEMENT made as of the ____ day of _____, 2017, by and between the MAYOR AND ALDERMEN OF THE CITY OF SAVANNAH, hereinafter called the **Owner**, and _____, hereinafter called the **Consultant**.

WITNESSETH, that whereas the **Owner** intends to conduct the **Lift Station 28 Forcemain Extension**, hereinafter called the **PROJECT**, Project No. **SW-238-16**.

NOW, THEREFORE the **Owner** and **Consultant**, for the consideration hereinafter set forth, agree as follows:

1. THE Consultant AGREES to provide the following Professional Services for the project, in accordance with the attached detailed Scope of Services in Exhibit 3.

A. GENERAL: The **Consultant** shall serve as the **Owner's** professional representative in the planning and preliminary design of the Project, and shall give consultation and advice to the **Owner** during the performance of such services.

(1) Copyright or Patent Infringement: The **Consultant** shall defend actions or claims charging infringement of any copyright or patent by reason of the use or adoption of any designs, drawings or specifications supplied by him, and he shall hold harmless the **Owner** from loss or damage resulting there from, providing, however, that the **Owner** within fourteen (14) days after receipt of any notice of infringement or of summons in any action therefore, shall have forwarded the same to the **Consultant** in writing.

(2) Insurance: The **Consultant** shall secure and maintain insurance as set forth in Exhibit 5, Additional Insurance Required of the Designer.

B. BASIC SERVICES OF THE CONSULTANT:

(1) Preliminary Engineering Phase: The **Consultant** shall perform the preliminary engineering work in accordance with the detailed scope of services as included in Exhibit 3. The **Consultant** shall perform the work in accordance with the schedule attached hereto, and identified as Exhibit 1. All reports shall be stamped with a seal and signed by a Registered Professional Engineer registered in the State of Georgia.

(2) Final Design Phase: The **Consultant** shall perform the final design work in accordance with the detailed scope of services as included in Exhibit 3. The **Consultant** shall prepare working drawings in accordance with Exhibit 3 and shall prepare specifications and other Contract Documents completely describing the material and workmanship required and procedures to be followed for the construction of the Project. The **Consultant** shall perform the work in accordance with the schedule attached hereto, and identified as Exhibit 1. All final drawings and specifications shall be stamped with a seal and signed by a Registered Professional Engineer registered in the State of Georgia.

(3) Bidding / Contract Execution Phase:

a) Distribution of Documents: The **Consultant** shall provide the **Owner** a complete set of reproducible drawings and contract documents, boldly marked "**APPROVED FOR BIDDING**" for reproduction and distribution to bidders by the **Owner**. The **Consultant** shall also furnish seven (7) sets of drawings at the preconstruction conference for the Contractor and **Owner**, boldly marked

“APPROVED FOR CONSTRUCTION”, at no additional cost.

- b) **Pre-bid Conference:** The **Consultant** shall attend a pre-bid conference at such time and place as designated by the **Owner**. The **Consultant** shall take notes or record the proceedings and prepare and distribute meeting minutes and addenda to address all questions and necessary clarifications as discussed during the Pre-bid Conference. Such addenda shall be provided to the **Owner** for issuance no more than 48 hours after the Pre-bid Conference. The **Consultant** shall also furnish the **Owner** with two (2) sets of the addenda.
 - c) **Bid Opening:** The **Consultant** shall review and obtain copies of the bids from the **Owner** after the bid opening. The **Consultant** shall examine the bids for accuracy and shall prepare a detailed “Abstract of Bids” and submit three (3) copies of same to the **Owner** within five (5) days after receipt of bid documents. The **Consultant** shall also prepare a recommendation of award letter based on knowledge of past performance, references, contractor’s forces, and bid price. The recommendation shall also be submitted with the bid abstract.
- (4) Construction Services Phase:** During the construction services phase of the project, the **Consultant** shall be responsible for:
- a) **Distribution of Documents:** The **Consultant** shall provide to the **Owner** seven (7) sets of full-size conformed drawings and two (2) sets of half-size conformed drawings at the pre-construction conference for the Contractor and Owner, boldly marked “APPROVED FOR CONSTRUCTION” at no additional cost.
 - b) **Pre-construction Conference:** The **Consultant** shall attend a Pre-construction Conference at such time and place designated by the **Owner**, and shall be prepared to answer all technical questions related to the Project, and shall provide appropriate sets of construction plans. The **Consultant** shall also prepare and distribute the minutes of the meeting.
 - c) **General Administration of Construction Contract:** The **Consultant** shall advise **Owner** and act as **Owner's** representative as provided in the Construction Contract for total services including civil, architectural, structural, electrical, mechanical, hydraulic, water, sewer, landscape, and other miscellaneous disciplines, as required. **Consultant** shall not have authority to issue alterations to the plans and documents without approval from **Owner**.
 - d) **Visits to Site and Observation of Construction:** In connection with observations of the work of Contractor(s) while it is in progress:
 - (1) **Consultant** shall make visits to the site in order to observe as an experienced and qualified design professional the progress and quality of the various aspects of the Contractor(s) work. Based on information obtained during such visits and on such observations, **Consultant** shall endeavor to determine in general if such work is proceeding in accordance with the approved schedule and the Contract Documents, and **Consultant** shall keep **Owner** informed of the progress of the work. Each visit to the site shall be documented in a written report on **Owner's** "Daily Inspection Report" form and forwarded to **Owner** within 24 hours.

This Agreement for the Project **will require** a **Resident Project Representative (RPR)**, as specified.

- (2) The **Resident Project Representative** will be **Consultant's** employee, but shall be under **Owner's** supervision while working on this project. Assignment of the specific individual as

RPR shall be subject to approval of **Owner**. The RPR must be a qualified professional, but is not required to be a Registered Professional Engineer. The duties and responsibilities of the Resident Project Representative are set forth in attached "Duties, Responsibilities and Limitation of Authority of Resident Project Representative. The purpose of **Consultant's** visits and representation by the **Consultant's** Resident Project Representative at the site will be to enable **Consultant** to better carry out the duties and responsibilities assigned to be undertaken by **Consultant** during the Construction Phase, and to minimize problems during construction by permitting detection of and/or rapid response to unanticipated or changed conditions, or errors or omissions committed by design professionals, contractors, materials providers, or others. The responsibilities will include (but not be limited to the following):

- i) Defective Work and Stored Materials: During such visits and on the basis of such observations, **Consultant** shall recommend to the **Owner** rejection of the work and/or material stored on site which **Consultant** believes will not produce a completed Project that conforms generally to the Contract Documents or that it will prejudice the integrity of the design concept of the Project as reflected in the Contract Documents.
- ii) Interpretations and Clarifications: **Consultant** shall issue necessary interpretations and clarifications of the Contract Documents and in connection therewith prepare work directive changes and minor clarification of change orders as required.
- iii) Shop Drawings: **Consultant** shall review and approve or take other appropriate action with respect to Shop Drawings, samples, and other data which Contractor(s) are required to submit, but only for conformance with the design concept of the Project and compliance with the information given in the Contract Documents. Such reviews and approvals or other action shall not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto.
- iv) Substitutes: **Consultant** shall evaluate and determine the acceptability of substitute materials and equipment proposed by Contractor(s).
- v) Inspections and Tests: **Consultant** shall have authority, as **Owner's** representative, to require special inspection or testing of the work, and shall receive and review all certificates of inspections, testing, and approvals required by laws, rules, regulations, ordinances, codes, orders, or the Contract Documents (but only to determine, generally, that their content complies with the requirements of, and the results certified indicate compliance with, the Contract Documents).
- vi) Disputes between **Owner** and Contractor: **Consultant** shall act as initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the work thereunder and make decisions on all claims of **Owner** and Contractor(s) relating to the acceptability of the work or the interpretation of the requirements of the Contract Documents pertaining to the execution and progress of the work.
- vii) Applications for Payment: Based on **Consultant's** on-site observations as an experienced and qualified design professional, on information provided by the Resident Project Representative, and on review of applications for payment and the accompanying data and schedules:
 - (1) **Consultant** shall determine the amounts owed to Contractor(s) and recommend in

writing payments to Contractor(s) for the approved quantities and work performed. Such recommendations of payment will constitute a representation to **Owner**, based on such observations and review, that the work has progressed to the point indicated, and that, to the best of **Consultant's** knowledge, information, and belief, the quality of such work is generally in accordance with the Contract Documents.

- viii) Contractor(s) Completion Documents: **Consultant** shall receive and review maintenance and operating instructions, schedules, guarantees, bonds and certificates of inspection, tests, and approvals which are to be assembled by Contractor(s) in accordance with the Contract Documents (but such review will only be to determine that their content complies with the requirements of, and in the case of certificates of inspection, tests, and approvals the results certified indicate compliance with, the Contract Documents); and shall transmit them to **Owner** with written comments.
 - ix) Inspections: **Consultant** shall conduct an inspection to determine if the work is substantially complete and a final inspection to determine if the completed work is acceptable so that **Consultant** may recommend, in writing, final payment to Contractor(s) that the work is acceptable (subject to any conditions therein expressed). The **Consultant** shall conduct with the **Owner** and contractor a Pre-Final Inspection and Final Inspection and confirm 100% completion of all required work.
 - x) Record Drawings: **Consultant** shall gather information for the preparation of record drawings based on information provided by the Contractor and by field and site surveys. These drawings shall be updated monthly, prior to the Contractor's monthly payment and shall show the final location and description of all work performed during construction with respect to property and/or rights-of-way boundaries and shall include line, grade, and invert elevation(s) referenced to Georgia grid coordinates, and signed and stamped by a Land Surveyor and Professional Engineer registered in Georgia. After the final inspection, the **Consultant** shall provide the **Owner** with two (2) sets of Chronoflex or original inked drawings on Mylar. Ammonia processed mylars are not acceptable. Record drawings shall also be submitted on CD's in a format readily usable with AutoCAD Version 2007. Final payment to the **Consultant** will be withheld until an accepted set of drawings is received. Record drawings shall include all improvements by Contractor and equipment suppliers.
 - xi) Limitation of Responsibilities: **Consultant** shall not be responsible for the acts or omissions of any Contractor, or of any subcontractor or supplier, or any of the Contractor(s)' or subcontractor's or supplier's agents or employees or any other persons (except **Consultant's** own employees and agents) at the site or otherwise furnishing or performing any of the Contractor(s)' work; however, nothing contained in this document, inclusive, shall be construed to release **Consultant** from liability for failure to properly perform duties and responsibilities assumed by **Consultant** in the Contract Documents.
 - xii) Meetings: The **Consultant** shall attend all technical and community meetings as pertains to the project at such time and place as designated by the **Owner**.
 - xiii) Consultant Transmittals: The **Consultant** shall provide copies to the **Owner** of all documentation pertaining to the construction of the project.
- (5) Closeout Services: The **Consultant** shall perform the closeout services phase in accordance with Exhibit

C. EXTRA SERVICES OF CONSULTANT:

- (1) Normal and customary engineering services do not include service with respect to the following categories of work which are usually referred to as Extra Services.
- (2) If **Owner** wishes **Consultant** to perform any of the following Additional Services, **Owner** shall so instruct **Consultant** in writing, and **Consultant** shall perform or obtain from others such services and will be paid therefore as provided in an executed Amendment:
 - (a) Preparation of applications and supporting documents for governmental financial support of the Project above and beyond those required under Basic Services; preparation or review of environmental studies and related services; and assistance in obtaining environmental approvals in addition to those required under Basic Services.
 - (b) Services resulting from significant changes in the general scope, extent, or character of the Project or major changes in documentation previously accepted by **Owner** where changes are due to causes beyond **Consultant's** control.
 - (c) Major revisions to final drawings and/or specifications previously approved, and preparation of Contract Documents for alternate proposals not previously identified. However, there shall be no compensation for this work if caused by a design error or omission.
 - (d) Provide renderings or models.
 - (e) Preparing to serve or serving as a **Consultant** or witness in any litigation, arbitration or other legal or administrative proceeding except where required as part of Basic Services.

2. THE Owner AGREES to provide the Consultant with the following:

- A. Access to the Work: The **Owner** shall guarantee access to enable the **Consultant** to enter upon public and private lands as required for the **Consultant** to perform such work as surveys and inspections in the development of the Project.
- B. Consideration of the Consultant's Work: The **Owner** shall give thorough consideration to all reports, sketches, estimates, drawings, specifications, proposals, and other documents presented by the **Consultant**, and shall inform the **Consultant** of all decisions within a reasonable time so as not to delay the work of the **Consultant**.
- C. Legal Requirements: The **Owner** shall hold promptly and attend all required special meetings, serve all required public and private notices, receive and act upon all protests and fulfill all requirements necessary in the development of the Project, and pay all costs incident thereto.
- D. Proposals: The **Owner** shall advertise for Proposals from Bidders, open the Proposals at the appointed time and place, and pay all costs incident thereto.
- E. Protection of Markers: The **Owner** shall protect to the best of his ability, all horizontal and vertical control points set by the **Consultant** prior to the assumption of such responsibility by the Contractor. Replacement of these points, which have been damaged, moved or removed, shall be paid for by the **Owner** as extra services of the **Consultant**.
- F. Standards: The **Consultant** shall use the **Owner's** Front End Specifications, Technical Specifications, and Standard Details in the preparation of the documents and plans for the project. The accepted documents

are from March, 1996 and revisions thereof. In the event the **Consultant** is not on the **Owner's** list as having been issued these documents, the **Owner** will furnish free a hard copy of the documents, a computer disk copy (provided the **Consultant** provides the disks), and will include the **Consultant** on the **Owner's** mailing list to provide any revisions needed in the future. The **Consultant** must provide the **Owner** with a letter from either the President of the firm or the Office Manager designating a person who will be responsible to receive the documents. It shall be the responsibility of the **Consultant** to maintain these documents and to incorporate any revisions issued by the **Owner** into the Contract Documents and plans during the design of the project. Failure of the **Consultant** to prepare either the Contract Documents or Plans in accordance with the latest published City Standards and revisions may result in the **Consultant** being liable to the **Owner** for extra construction costs as a result of the **Consultant's** error/omission.

- G. **Owner's Representative:** The **Owner** shall designate the Project Engineer as the **Owner's** Representative with respect to the work to be performed under this Agreement. The Project Engineer, or representative, shall have sole authority to transmit instructions, receive information, interpret and define **Owner's** policy and decisions with respect to the material, equipment, elements and systems pertinent to the work covered by this Agreement.

3. THE Owner's PAYMENT TO THE Consultant:

- A. **Payments for Basic Services of the Consultant:** The Owner shall pay the Consultant for the basic services described in Article 1.B of this Agreement a lump sum fee of \$_____. The lump sum is made up of the following costs:

PHASE OF THE WORK

LUMP SUM FEE

ITEM 2.1.1 - Preliminary Engineering

- A. Site Survey and Topographic Survey \$ _____
- B. Subsurface Utility Engineering (SUE) Services
 - Quality Level D – Database Review \$ _____
 - Quality Level C – Visual Survey \$ _____
 - Quality Level B – 24 Hrs. @ \$ _____ per Hr. = \$ _____
 - Quality Level A – 5 Holes @ \$ _____ per Hole = \$ _____
- C. Plat Preparation- 5 Plats @ \$ _____ per Plat = \$ _____
- D. Geotechnical Investigation Report \$ _____
- E. Preliminary (30%) Plan Submittal \$ _____

ITEM 2.1.2 - Final Design

- A. Permitting Services \$ _____
- B. 60% Construction Plans Submittal \$ _____
- C. 100% Construction Plans Submittal \$ _____
- D. Final Revisions \$ _____

ITEM 2.1.3 - Bidding Services

- A. Preparations of Plans & Specs for Bidding \$ _____
- B. Project Bidding Assistance \$ _____

ITEM 2.1.4 - Construction Phase Services

- A. Pre-Construction Conference \$ _____
- B. Contract Administration \$ _____
- C. Survey Assistance \$ _____
- D. Part-Time Inspection – 10 Hrs./wk @ 44 wks = \$ _____

ITEM 2.1.5 - Close-out Services

\$ _____

- B. **Progress Payments:** **Owner** shall pay the **Consultant** for professional services performed under 1.B and 1.C of this Agreement based on an hourly basis in accordance with the schedule of charges attached hereto, identified as Exhibit 2 based on the not to exceed fees for the individual tasks outlined in Article 3.A of this Agreement. The **Owner** shall make payment within thirty (30) calendar days upon receipt of a complete and accurate invoice. All payment requests shall be accompanied by the City's payment request form.
- C. **Schedule:** Based on the schedule as discussed with the **Owner**, the **Consultant** shall perform all services with professional skill and diligence in accordance with the attached schedule, entitled Exhibit 1. The schedule shall not, except for reasonable cause, be exceeded by the **Consultant**.
- D. **Payments for Extra Services of the Consultant:** For extra services defined in Article 1.C, the **Owner** shall pay the **Consultant** on an hourly basis in accordance with the schedule of charges attached hereto, identified as Exhibit 2.
- E. **Abandoned/Suspended Work:** If any work performed by the **Consultant** is abandoned or suspended in whole or in part by the **Owner**, other than for default by the **Consultant**, the **Consultant** shall be paid for services performed prior to receipt of a written notice from the **Owner** of such abandonment or suspension in an amount equal to work performed as a proportion of the total lump sum fee as of the date of abandonment or suspension. The **Consultant** shall maintain their fees for a period of twelve months after receiving notice of suspended work. After this period if work is not commenced, the **Consultant's** fees may be renegotiated.

4. **THE Owner AND Consultant FURTHER AGREE to the following conditions:**

- A. **Termination:** This Agreement may be terminated by either party by seven (7) days' written notice in the event of substantial failure to perform in accordance with the terms hereof by the one party through no fault of the other party. The **Consultant** shall be paid for services performed to the date of termination, including reimbursements then due. If terminated due to the fault of the **Consultant**, the **Consultant** shall be paid for the value of services performed to the date of termination, such value as determined by the **Owner**.
- B. **Ownership of Documents:** The original completed tracings and master specification sheets shall remain the property of the **Consultant**. The **Owner** reserves the right to utilize the design concept and any partially completed design drawings and/or specifications for which the **Consultant** has been paid. The **Owner** shall have access to these documents at any time and reserves the right to copy said material.

5. **SUCCESSORS AND ASSIGNS:** This Agreement and all of the covenants hereof shall inure to the benefit of and be binding upon the **Owner** and **Consultant** respectively and his partners, successors, assigns, and legal representatives. Neither the **Owner** nor the **Consultant** shall have the right to assign, transfer, or sublet his interest or obligations hereunder without written consent of the other party.

6. **SUBCONTRACTORS:** All subcontracts let by the **Consultant** for professional services under this Agreement must be approved by the **Owner**. The **Consultant** shall submit to the **Owner** adequate evidence of the subcontractor's qualifications to perform the required work under this Agreement.

7. **SPECIAL PROVISIONS:** The **Owner** and the **Consultant** mutually agree that this Agreement shall be subject to the following Special Provisions which shall supersede other conflicting provisions of this Agreement.

- A. **Consultant** shall develop contract drawings and specifications to comply with minimum requirements of all Federal, State, and Local regulatory agencies.

B. **Consultant** shall submit an Affirmative Action Plan which clearly demonstrates how compliance will be obtained with Title 6 of the Civil Rights Act of 1964 and the President's Executive Order Numbers 11246 and 11575 which prohibit discrimination in employment regarding race, creed, color, sex, age, or national origin.

IN WITNESS WHEREOF the parties here to have made and executed this Agreement the day and year first written above:

Owner:

**THE MAYOR AND ALDERMEN OF THE
CITY OF SAVANNAH, GEORGIA**

By: _____
CITY MANAGER

_____ Attest: _____
WITNESS CLERK OF COUNCIL

Consultant

_____ By: _____
President

_____ Attest: _____
WITNESS Vice President and Secretary

(Seal, if incorporated)

**EXHIBITS TO
AGREEMENT BETWEEN OWNER AND CONSULTANT**

Exhibit 1: Project Schedule

Exhibit 2: Hourly Rate Schedule

Exhibit 3: Scope of Services (Item 2.1 of Section II of the Request for Proposals) shall be included as Exhibit 3 to the Agreement between Owner and Consultant

Exhibit 4: Location Map

EXHIBIT 1 SCHEDULE

Attach a detailed project schedule (Gant Chart) for completion of the project, including start and end dates for task or sub-task completion, submittal dates, major project milestones, review periods, and critical path.

The following is provided only to suggest a few tasks and milestones. As the schedule shall include all tasks and milestones necessary to indicate project approach, it is anticipated that the Proposer's schedule will have significantly more detail.

- Preliminary Engineering
 - Site Survey
 - Subsurface Utility Investigation
 - Geotechnical Investigation
 - 30% Plan Submittal (progress meetings & workshop)
- Final Design
 - Permit Submittals
 - 60% Plan Submittal (workshop & Site Plan Review Meeting)
 - 100% Plan Submittal (workshop)
 - Final Revisions
- Project Bidding
 - Assistance with preparation of Bid Documents
 - Project Bidding Period
- Project Construction
 - Pre-Construction Conference
 - Construction
- Project Closeout

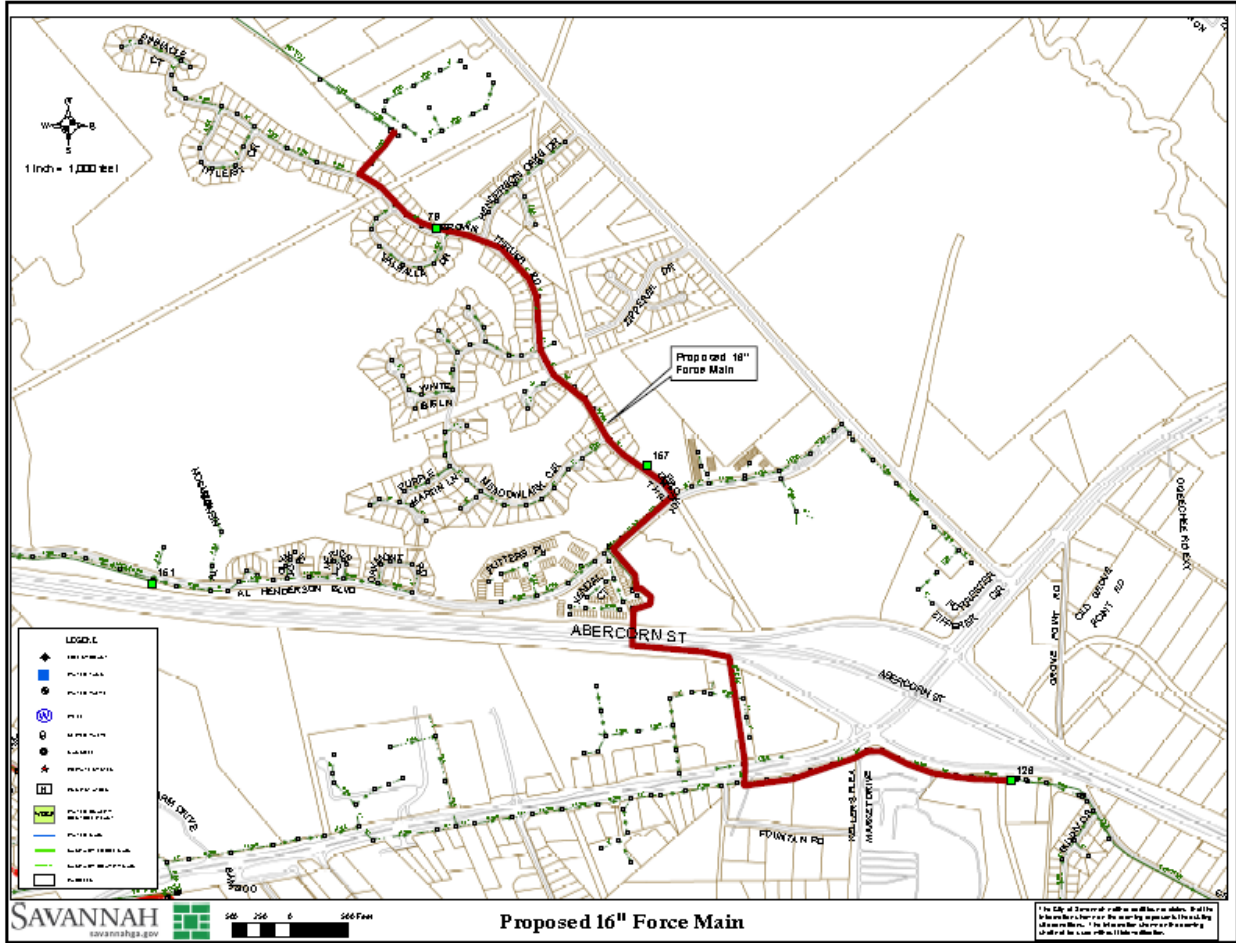
EXHIBIT 2
HOURLY RATE SCHEDULE

(The hourly rate tables requested in Item 2.2.4 of Section II of the Request for Proposals will be included as Exhibit 2 to the Agreement between Owner and Consultant)

EXHIBIT 3
SCOPE OF SERVICES

(Item 2.1 of Section II of the Request for Proposals will be included as Exhibit 3 to the Agreement between Owner and Consultant)

EXHIBIT 4 LOCATION MAP



ATTACHMENT 3
ADDITIONAL INSURANCE REQUIRED OF THE DESIGNER

Insurance and Certificate of Insurance Requirements:

Basic Commercial General Liability

Limits (or higher):

General Aggregate:	\$2,000,000
Products Completed Operations Aggregate:	\$2,000,000
Each Occurrence Limit:	\$1,000,000
Personal Injury Limit:	\$1,000,000
Damage To Premises Rented To You	\$1,000,000 Any One Event
Medical Expenses	\$ 5,000 Any One Person

Required Endorsements and Certificate of Insurance:

- This policy provides a Waiver of Subrogation endorsement in favor of Mayor and Aldermen of the City of Savannah its agents and / or employees and must be attached to the Certificate of Insurance.
- No exclusions on Products Completed / Operations for either ongoing and / or completed projects / operations.
- Coverage is for no less than Period of Repose for The State of Georgia.
- This policy provides a thirty (30) day cancellation endorsement in favor of Mayor and Aldermen of the City of Savannah its agents and / or employees and must be attached to the Certificate of Insurance.
 - Not applicable for Non-Payment of Premium (The City of Savannah shall be notified if the insurance firm is cancelling coverage)

Commercial Auto:

Limits: \$1,000,000 Combined Single Limit (CSL) (*Minimum*)

Required Endorsements and Certificate of Insurance:

- This policy provides a Waiver of Subrogation endorsement in favor of Mayor and Aldermen of the City of Savannah its agents and / or employees and must be attached to the Certificate of Insurance.
- This policy provides a thirty (30) day cancellation endorsement in favor of Mayor and Aldermen of the City of Savannah its agents and / or employees and must be attached to the Certificate of Insurance.
 - Not applicable for Non-Payment of Premium (The City of Savannah must be notified if the insurance firm is cancelling coverage)

Workers Compensation & Employers Liability: (includes coverage of all employees, volunteers and others under your direction and supervision)

Limits:

Part A:	Workers Compensation:	Statutory
Part B:	Bodily Injury By Accident:	\$500,000 Each Accident
	Bodily Injury By Disease:	\$500,000 Policy Limit
	Bodily Injury By Disease:	\$500,000 Each Employee

Required Endorsements and Certificate of Insurance:

- This policy provides a Waiver of Subrogation endorsement in favor of Mayor and Aldermen of the City of Savannah its agents and / or employees and must be attached to the Certificate of Insurance.
- This policy provides a thirty (30) day cancellation endorsement in favor of Mayor and Aldermen of the City of Savannah its agents and / or employees and must be attached to the Certificate of Insurance.
 - Not applicable for Non-Payment of Premium (The City of Savannah must be notified if the insurance firm is cancelling coverage)

Commercial Umbrella:

Limits: \$5,000,000 per Occurrence & Aggregate (*Minimum*)

Required Endorsements and Certificate of Insurance:

- This policy provides a Waiver of Subrogation endorsement in favor of Mayor and Aldermen of the City of Savannah its agents and / or employees and must be attached to the Certificate of Insurance.
- This policy provides a thirty (30) day cancellation endorsement in favor of Mayor and Aldermen of the City of Savannah its agents and / or employees and must be attached to the Certificate of Insurance.
 - Not applicable for Non-Payment of Premium (The City of Savannah must be notified if the insurance firm is cancelling coverage)
- This umbrella covers over Commercial General Liability, Commercial Auto and Employers Liability (Part B of Workers Compensation).
- Umbrella is follow form with all provisions of the underlying coverage.

Professional Liability:

Limits: Per Claim & Aggregate Limit: \$2,000,000

Required Endorsements and Certificate of Insurance:

- This policy provides a Waiver of Subrogation endorsement in favor of Mayor and Aldermen of the City of Savannah its agents and / or employees and must be attached to the Certificate of Insurance.
- This policy provides a thirty (30) day cancellation endorsement in favor of Mayor and Aldermen of the City of Savannah its agents and / or employees and must be attached to the Certificate of Insurance.
 - Not applicable for Non-Payment of Premium (The City of Savannah must be notified if the insurance firm is cancelling coverage)
- No exclusions for either ongoing and / or completed projects / operations.
- The City of Savannah will accept the purchase of a 36-month Extended Reporting in the case of Professional Liability policy cancellation.

Other Items Required:

- Notice of Cancellation: No less than thirty (30) day notice provided to certificate holder.
 - Not applicable for Non-Payment of Premium (The City of Savannah must be notified if the insurance firm is cancelling coverage)
- All insurance carriers in the policy / COI are required to have an AM Best Rating of A-, IX or better.
- The City of Savannah is not responsible for any of the property used in the project or owned by the designer.
- All deductibles in the coverage are the responsibility of Named Insured on policy.
- To the fullest extent permitted by law, the Consultant shall indemnify and hold harmless the Owner, Owner's agents, employees, officers, and elected officials from and against damages, losses, or expenses to the extent caused by or resulting from the negligence, recklessness, or intentionally wrongful conduct of the Consultant or other persons employed or utilized by the Consultant in the performance of the contract.
- Before commencing any work under this contract, Consultant shall deliver to City all such certificates of insurance. The Consultant shall also provide certificates of insurance from all sub-consultants with coverage limits appropriate to their scope of work; however, the Consultant will ultimately be responsible for any gap in coverage or lack thereof.