



Goodwyn Mills Cawood

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July 12, 2024

Mr. Steve Behrend, PE
Augusta Utilities Department
Building 205 Dorsey Drive
Fort Eisenhower, GA 30905

**RE: Ft. Eisenhower 47th Street PS Replacement Project
Letter Proposal to Provide Design, Bidding, and Construction Phase Services**

Dear Mr. Behrend:

Thank you for the opportunity to submit a scope and fee proposal in order to provide design, bidding, and construction phase services for the referenced project. Accordingly, we have prepared the following scope, schedule, and fee for your review and consideration.

PROJECT UNDERSTANDING:

The 47th Street PS located in Fort Eisenhower is an 800 gallon per minute (gpm) pumping capacity sanitary sewer pump station owned and operated by Augusta Utilities Department (AUD). The pump station is in poor condition and is in need of replacement. Goodwyn, Mills, and Cawood (GMC) will design the demolition of the existing pump station, the installation and layout of the new replacement pump station on the same lot, and the connection of the new replacement pump station to the existing force main.

PROJECT GOALS:

1. Demolish existing pump station.
2. Design installation and layout of new replacement pump station.
3. Connect new replacement pump station to existing force main.

SCOPE OF SERVICES:

1. Preliminary Design:
 - a. *Survey:* Topographic survey will be provided by GMC or a GMC subconsultant.
 - b. *Demolition Plan:* GMC will develop a demolition plan for the existing pump station.
 - c. *Site Plan:* GMC will develop a site plan for the new replacement pump station, including a plan of the short connection to the existing force main.



- d. *Geotechnical Survey*: GMC will perform a geotechnical investigation in the area of the new replacement pump station to evaluate the structural requirements of the site.
 - e. *Technical Memo – Design Criteria Development*: GMC will meet with AUD staff to review the existing conditions and determine the design parameters of the proposed work. A technical memorandum will be developed to enumerate the design criteria to be used for the project.
 - f. *Preliminary Layouts*: GMC will prepare preliminary drawings showing the general layout and arrangement of structures and equipment.
2. 60% Design Documents:
- a. *60% Design Level Plans*: GMC will prepare 60% Design Plans and Preliminary Process & Instrumentation Diagrams (P&ID's) showing a detailed layout and arrangement of structures and equipment.
 - b. *Structural Design*: GMC will develop 60% Structural Design Plans and Details for wet wells and valve vaults on the project based on the findings of the Geotechnical Investigation.
 - c. *Preliminary Specifications*: GMC will prepare specifications in the CSI 50 Division format.
 - d. *60% Design Review Workshop*: Upon completion of the 60% Design Plans and Preliminary Specifications for the project, GMC will provide 3 sets of the 11-inch by 17-inch preliminary construction drawings and specifications to AUD and Ft. Eisenhower for review. Following the review period by AUD and Ft. Eisenhower, GMC will conduct a Workshop with AUD and Ft. Eisenhower staff to review comments. It is anticipated that the project will be submitted to pre-approved contractors for pricing proposals at this phase.
3. 90% Design Documents:
- a. *90% Design Level Plans & ES&PC Drawings*: GMC will prepare 90% Design Plans and Erosion, Sedimentation, & Pollution Control (ES&PC) Plans for the work under this project to include site plans for grading, paving, drainage, yard piping as well as erosion control details and notes. Design of piping and valves will conform to AUD standards.
 - b. *Structural Design*: GMC will develop 90% Structural Design Plans and Details for wet wells and valve vaults on the project based on the findings of the Geotechnical Investigation.
 - c. *P&ID Development*: GMC will develop 90% Design Plans and Details of pumps, piping, and controls. P&ID's will be completed during this phase of the work. Design of Instrumentation components will conform to AUD standards.
 - d. *90% Level Cost Estimates*: GMC will further develop the preliminary estimates of probable construction cost for the proposed work.
 - e. *Specifications*: GMC will prepare a Project Manual with specification sections divided into CSI-specification format, Divisions 0 through 50.



Division 0 will include standard contract forms between AUD, Ft. Eisenhower, and the contractor, information for bidders, contract general conditions, and supplementary general conditions. Division 1 will include general project requirements, describing summary of work, measurement and payment methods, temporary construction facilities, materials and equipment requirements, and quality control and contract closeout-related items. Divisions 2 through 50 will contain the technical specifications for the project.

- f. *90% Design Level Workshop:* Upon completion of the 90% Plans and Specifications for the project, GMC will provide 3 sets of the 11-inch by 17-inch preliminary construction drawings and specifications to AUD and Ft. Eisenhower for review. Following the review period by AUD and Ft. Eisenhower, GMC will conduct a Workshop with AUD and Ft. Eisenhower staff to review the design and AUD/Ft. Eisenhower comments.
4. Final Design Documents:
 - a. *Complete Project Design:* GMC will incorporate comments received during the 90% design phase and complete the project plans and technical specifications.
 - b. *Project Specifications and Bidding Documents:* GMC will develop project bid schedule and complete the project bidding documents, including assisting AUD and Ft. Eisenhower in determining an appropriate schedule for completion of construction. GMC will provide these documents to AUD and Ft. Eisenhower for coordination with the Augusta Procurement Department.
 - c. *Local Permitting:* GMC will provide plan and specification packages and assist in preparing permits required for Land Disturbing Activities should they be required. Fees for permit applications are not included in our proposal.
 - d. *QA/QC Internal Review:* GMC will conduct internal review of the project by staff professionals not associated with the project for Quality Assurance.
 5. Bid Phase Services:
 - a. *Respond to Bidder Inquiries, Pre-Bid Meetings, RFI's & Addenda:* GMC will respond to legitimate bidder inquiries and assist Augusta's Procurement Department in developing addenda when required based on Requests for Information (RFI) from prospective bidders. GMC will attend a pre-bid meeting (if scheduled by AUD).
 6. Construction Phase Services:
 - a. *Construction Administration – Office Services:* GMC recommends the following services during the construction phase of the project. These



services are based on an estimated six-month period of construction for the project:

- *Construction Contract Preparation*
 - *Submittal Review*
 - *Responses to Contractor RFI's*
 - *Pay Application Review*
 - *Bi-weekly Site Visits*
 - *Record Drawing Preparation and Close-out Documents*
- b. *Resident Inspection Services:* GMC recommends and can provide Resident Inspection Services during the construction phase of the project. These services have not been included in the proposal.
7. Subsurface Utilities:
- a. *Subsurface Utilities Exploration (SUE):* It is possible that subsurface utilities will need to be identified and located to avoid conflicts when connecting the replacement PS to the existing sanitary sewer force main. An allowance is provided in the scope for this task in the event that SUE is necessary.

SCHEDULE:

GMC is available to begin work immediately upon receipt of the Notice to Proceed (NTP) and will complete Preliminary Design within three (3) months from receiving NTP from AUD. 60% Design Documents will be completed within two (2) months following the receipt of AUD comments on the Preliminary Design. 90% Design Documents will be completed within one (1) month following the 60% design review workshop and receipt of AUD comments on the 60% Design. Final Design Documents will be completed within one (1) month following the 90% design review workshop and receipt of AUD comments on the 90% Design. Environmental permitting, should it be needed, is not included within this schedule.

PROJECT FEES:

The following summary provides a fee breakdown for each phase. Reimbursable expenses have been included in the total amount. Invoicing for the project will be submitted to AUD on a monthly basis as the work progresses. Extra Services, if ordered by AUD will be billed on a time and material (T&M) basis in accordance with GMC's attached 2024 Standard Rate and Fee Schedule. Resident Inspection Services, if required, would be billed on an hourly basis in accordance with the attached rate schedule. The project fees are summarized as follows:

Task 1 – Preliminary Design (Including Survey & GeoTech)	\$ 75,200
Task 2 – 60% Design Documents	\$ 48,100



Task 3 – 90% Design Documents	\$ 58,100
Task 4 – Final Design	\$ 36,900
Task 5 – Bid Phase Services	\$ 8,800
Task 6 – Construction Phase Services	\$ 41,100
<u>Task 7 – Subsurface Utilities</u>	<u>\$ 4,000</u>
Fee Total	\$272,200

PAYMENT TERMS:

Professional services will be invoiced monthly in accordance with the status of the work. Payment is due 30 days from the invoice date, and is consider past-due thereafter.

We appreciate the opportunity to work with you over the course of this project, and trust our proposal is consistent with your expectations. Your signature on the line below will provide our Notice-to-Proceed and authorize GMC to commence work on the scope as stated herein. Please feel free to contact me at your convenience to discuss the terms of this proposal and any questions or concerns you may have.

Sincerely:
GOODWYN MILLS CAWOOD, LLC.

Marvin Pierre, PE, BCEE
Senior Project Manager

Authorized By: _____

Date: _____



**2024
Standard Rate and Fee Schedule**

Standard Hourly Rates

Executive Vice President	\$ 300.00
Senior Vice President	\$ 250.00
Vice President	\$ 225.00
Senior Professional (Architect, Engineer Regional Technical Leader, Surveyor, Interior Design, Scientist, Project Manager)	\$ 250.00
Professional III (Architect, Engineer Design Manager, Surveyor, Interior Design, Scientist, Project Manager)	\$ 230.00
Professional II (Architect, Engineer State Technical Leader, Surveyor, Interior Design, Scientist, Project Manager)	\$ 210.00
Professional I (Architect, Engineer Design Coordinator, Surveyor, Interior Design, Scientist, Project Manager)	\$ 195.00
Senior Professional Staff (Architect, Project Engineer, Interior Design, Scientist, Assistant Project Manager)	\$ 160.00
Professional Staff III (Architect, Project Professional, Interior Design, Scientist)	\$ 140.00
Professional Staff II (Architect, Staff Professional, Interior Design, Scientist)	\$ 125.00
Professional Staff I (Architect, Interior Design, Scientist)	\$ 110.00
Senior Technical (Technical Spec., Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 160.00
Technical III (Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 140.00
Technical II (Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 115.00
Technical I (Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 95.00
Intern II (Architecture, Engineering, Survey, Interior Design, Environmental Sciences)	\$ 90.00
Intern I (Architecture, Engineering, Survey, Interior Design, Environmental Sciences)	\$ 75.00
Executive Administrative Assistant	\$ 115.00
Administrative Assistant II	\$ 95.00
Administrative Assistant I	\$ 75.00
Field Survey:	
Survey Crew (four-man survey crew)	\$ 340.00
Survey Crew (three-man survey crew)	\$ 270.00
Survey Crew (two-man survey crew)	\$ 200.00
Field Tech III	\$ 115.00
Field Tech II	\$ 85.00
Field Tech I	\$ 70.00

Reimbursable Expenses

Travel Expenses	
Vehicle Transport	\$0.67 per mile
Travel/ Meals/ Lodging	Cost
Other Out-of-Pocket Expenses	Cost plus twenty percent
Sub-Consultant/ Sub-Contractors	Cost plus twenty percent
Sub-Consultant/Sub-Contractors reimbursable expenses	Cost plus twenty percent
Printing & Shipping	
Out of house reprographic services	Cost plus twenty percent
In-House B&W reprographic services (small format)	\$0.10/ sheet (8.5 x 11)
	\$0.15/ sheet (11 x 17)
In-House Color reprographic services (small format)	\$0.10/ sheet (8.5 x 11)
	\$0.15/ sheet (11 x 17)
In-House B&W reprographic services (large format)	\$0.15/ sf
In-House Color reprographic services (large format)	\$0.20/ sf
GPS equipment	\$250.00 per day