



CranstonEngineering.com

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February 9, 2024

Mr. Tate Horton
Augusta Utilities Department
452 Walker Street, Suite 200
Augusta, Georgia 30901

Re: Augusta Corporate Park
Utility Improvements
Cranston File No.: 2016-0092-05

Dear Mr. Horton:

In accordance with your request, we are pleased to offer the following proposal for professional services associated with design and contract document revisions for the proposed utility upgrades in the Augusta Corporate Park. We understand drawing and contract document revisions are required due to the addition of industries in the project area, specifically the Artemus and Blue Lagoon industrial developments.

Per our meeting on February 5, 2024, we understand the City of Augusta has authorized the bid advertisement for the currently approved drawings dated July 12, 2023. As time is of the essence, we anticipate that drawing and contract document revisions will be incorporated into the bid-set via addendum.

The task-based scope of work proposed below is consistent with AUD direction during our meeting on February 5, 2024.

SCOPE OF WORK

TASK 1: DATA GATHERING AND SERVICE AREA VALIDATION

- Cranston will compile and document our understanding of design flow rates and build-out timelines using information provided by AUD. We will prepare a schematic to illustrate the developments serviced by the proposed lift station.
- Cranston will evaluate the gravity sewer options for the potential development (i.e., Blue Lagoon) on the south side of the Highway 56 – Valencia Way intersection. We will generate a profile the proposed gravity main between the subject parcel and the receiving gravity manhole and review with AUD for review and confirmation of next steps.
- Cranston will meet with AUD to discuss the findings relating to service area, proposed design conditions, and build-out timelines. Following your approval,

Cranston will deliver an executive summary showing the design conditions and proposed service area.

TASK 2: LIFT STATION & FORCE MAIN CALCULATIONS

- We understand that AUD desires to utilize an existing cylindrical fiberglass wet well that is approximately 8-feet in diameter and 18-feet deep. We anticipate a duplex pump system and further understand that AUD has purchased one (1) pump configuration that could be used in this application if the pump's operating conditions meets the design requirements.
- Cranston will complete hydraulic calculations for force main design. Specific attention will be directed to the build-out timeline and operational concerns associated with low-flow rates during the early stages of service area build-out.
- Cranston will evaluate pump and force main configurations against a range of operating conditions as we understand the subject industries will be developed in phases.
- Cranston will meet with AUD to review the lift station and force main alternatives and will make a recommendation for the preferred option.

TASK 3: CONSTRUCTION DRAWING & BID DOCUMENT UPDATES

- Following hydraulic calculations, Cranston will update the current bid-set to reflect gravity service to the new industries, lift station and force main design updates, construction drawing refinement, and other final revisions as needed.
- Cranston will prepare an updated construction cost estimate.
- The current Davis-Bacon wage rates will be included in the contract documents per the Federal EDA requirements.
- Cranston will review the final documents with AUD and concurrently submit them through the City of Augusta plan review process, if necessary. Once reviewed, we will incorporate any comments and issue updated documents via addendum.

TASK 4: PROJECT COORDINATION (AUD-AUGUSTA EDA-FEDERAL EDA)

- Cranston will facilitate communications and meetings between AUD and AEDA as it relates to the design revisions, opinion of probable construction cost, Federal EDA grant, and other project elements.
- We will coordinate the proposed utility improvement design scope with other current design and construction projects in the Augusta Corporate Park.
- Coordination services are anticipated through the bid phase of the utility improvement project, save any extended delays.

FEE PROPOSAL

We propose to deliver the professional Civil and Landscape Architecture services as outlined below:

TASK	DESCRIPTION	PROPOSED FEE
1	Data Gathering & Service Area Validation (<i>Lump Sum</i>)	\$ 3,125
2	Lift Station & Force Main Calculations (<i>Lump Sum</i>)	\$ 9,975
3	Construction Drawing & Bid Document Updates (<i>Lump Sum</i>)	\$ 16,920
4	Project Coordination (AUD-AEDA-Federal EDA) (<i>Lump Sum</i>)	\$ 4,920
Total Basic Services		\$ 34,940

We will submit monthly invoices for work completed to date. Payment will be due within 30 days from the date on the invoice.

TIME OF COMPLETION

Cranston understands that time is of the essence and will initiate design services prior to receipt of a purchase order based on your written direction. We anticipate delivery of the addenda by March 1, 2024, if directed to proceed in writing by February 12, 2024.

We appreciate the opportunity to prepare this proposal and trust that you find it satisfactory. Should you have any question concerning the scope of the services offered, or the fees, please do not hesitate to give us a call.

Sincerely,

CRANSTON LLC



Tom Dunaway, P.E., MBA

ACCEPTED:

AUGUSTA UTILITIES DEPARTMENT

BY: _____

TITLE: _____

DATE: _____