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May 9, 2019

Mr. Tim Howe, Director of Water Utilities
City of Seguin
P.O. Box 591
Seguin, Texas 78156-0591

**RE: Geronimo Creek WWTP
Raw Sewage Force Main
Engineering Services Proposal**

Dear Mr. Howe:

As requested by the City, TRC Engineers, Inc. (TRC) has prepared this proposal for professional engineering services to design a double-pipe force main system (two 20" diameter pipes) that will run parallel and be installed in the same trench, extending from the raw sewage lift station valve box to connection to the treatment plant headworks influent wall pipes. The pipe route will be generally along the west side of the access road to the lift station with bends around the operations building on the east side of the building. Both pipes will be designed to be extended in the future to the proposed headworks structure that will be part of the plant expansion. TRC will perform the following Scope of Work:

ENGINEERING SCOPE OF WORK

1. Acquire field topographical data for the design portion of the project on City's coordinate system.
2. Prepare construction plans/specifications for the proposed project, including all details.
3. Provide design submittals to the City for review for 60% and 100% completion milestones.
4. Contact a minimum of three (3) potential bidding contractors and forward bid plans/specifications. Address questions from contractors and issue project bid addendums, as needed. Assist the City in the opening and tabulation of bids, prepare award recommendation letter and prepare construction contract documents.
5. Assist the City during construction consisting of pre-construction meeting, contractor correspondence, submittal review, pay request review, periodic site visits (maximum of 3), final inspection, preparation of contractor punch list and record drawing preparation (3 sets of hard copies and one CD electronic copy). Record drawings will be based on the information furnished by the contractor, reflecting changes in the project made during construction.

ENVIRONMENTAL SCOPE OF WORK

Task 1: Natural Resources Investigations and Services

TRC will evaluate and identify the existing conditions within the project area to determine the potential presence of jurisdictional drainage features, wetlands, and other sensitive natural resources. In tandem with the field survey for waters of the U.S., TRC will also conduct a survey of the areas within and adjacent to the project area for habitat, vegetation communities, and other natural resources that may potentially support T&E species. TRC will identify predominant vegetation communities and address their abilities to provide habitat for and support T&E species. At the conclusion of the natural resource investigations, TRC will summarize its findings in a technical memorandum addressing potential impacts of the proposed project on waters of the U.S. and T&E habitat.

Task 2. Cultural Resource Services

TRC will perform a desktop review to identify existing conditions and identify documented cultural resources within the area of potential effect (APE) that could potentially be impacted by the proposed Project. This data will be summarized in a letter of consultation and submitted to the THC for review.

THC Consultation

TRC will perform an archeological site file search using the THC Archeological Sites Atlas (THC Atlas) to compile current information on recorded cultural resources that are situated within a 1-mile radius of the APE. Other documents, including historic aerial photographs, USGS topographic maps, Sanborn maps, Texas General Land Office (GLO) documents, Historic Texas Overlay Database maps, and cemetery records may also be reviewed. The results of this site file search will be compiled in a letter of consultation for submission to THC. If THC concludes that the proposed undertaking could impact existing archeological sites or areas of high archeological potential, then they will require further investigation. If after consultation THC determines that an archeological survey of the Project Area is required, then TRC will prepare a separate SOW and cost estimate for this service and submit to the City for approval.

ASSUMPTIONS

As the basis for the preparation for this proposal and the associated cost of services, the following assumptions were made which, if found to be incorrect may result in additional compensation:

- The entire project will consist of a single bid/construction project.
- TRC's effort and costs for construction services are based on a three (3) month construction project duration.

EXCLUSIONS

The following items are specifically excluded from the scope of work:

- Electrical or structural design.
- Attendance at pre-bid meeting.
- Construction staking.
- Continuous construction inspection.
- Detailed title search or title policy, attendance at or preparation for condemnation hearings, plat documents, landowner contact or easement negotiations.
- Environmental or cultural review of project limits (other than listed above).
- Archaeological surveys (if applicable), endangered species mitigation plans/costs (if applicable), species-specific threatened and endangered survey, or Clean Water Act Section 404 individual permit.
- Quality assurance testing for construction.
- GIS mapping.
- Post construction survey.
- Services required to rebid the project for any reason.

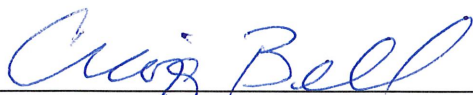
COMPENSATION FOR SERVICES

The cost to provide the engineering services will be invoiced as a lump sum project in the amount of \$97,054.00 (lump sum).

Services will be provided in accordance with the Master Service Agreement (dated December 16, 2003) executed by the City and TRC. Fees for services quoted in this proposal are valid for a period of time not to exceed 60 days from the date of this letter.

We appreciate the opportunity to assist with this project and are available to proceed immediately with your written approval. Please review this proposal and, upon acceptance, sign in the space provided below.

Sincerely,



H. Craig Bell, P.E.
Austin CES Practice Leader

5/9/19

Date

City of Seguin

Date

