Elliott & Hughes, Inc.
Engineers/Planners

November 24, 2014
VIA HAND DELIVERY

City of Euless
201 North Ector Drive
Euless, Texas 76039

Attention: Mr. Allen J. Harts, P.E.
Senior Civil Engineer

Re: Engineering Services Contract
FY 2015 Sanitary Sewer Rehabilitation Project
City of Euless, Tarrant County, Texas

Dear Mr. Harts:

In accordance with your request, we have prepared and submit to you our fee schedule and completion times for inclusion in the captioned contract.

The total contract or "not to exceed" amount is $74,513.00. The base design fee comprises $40,513.00 of this total, and the remaining $34,000.00 is determined as follows:

A. Design or field topographic surveys to be performed on an hourly (reimbursable) basis with an upper limit of $27,500.00.

B. Reimbursable Expense category provides: $1,000.00 to cover reproduction of plans and documents and other allowable incidental expenses.

C. Services in the construction phase, paid for on an hourly and reimbursable expense basis, are included with a not to exceed fee of $5,500.00.

The foregoing fees are based on rehabilitation of approximately 4895 linear feet of sanitary sewer line and appurtenances in selected areas of Green Hills Park Addition and Westwood Village Addition. The estimated construction cost is $568,768.00.

Based on previous experience, we have established completion times for inclusion in Section IV. as follows:

A. Conceptual design plans in 30 calendar days from the date of written notice to proceed.

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B. Preliminary design construction plans in 75 calendar days from acceptance of conceptual design plans and written notice to proceed.

C. Final design plans and specifications 45 calendar days from acceptance of preliminary design plans and written notice to proceed.

As we have discussed previously, unusual conditions or potential problem areas for this project are confined to the Westwood Village segment. The majority of the sewer mains in this area are located under street pavement, along with services from houses extending to the mains on both sides of the street. We have included monies in the construction cost estimate to replace the services using trenchless technology, as opposed to the open trench method, to reduce the extent of pavement patching. It will be necessary to evaluate this proposed process after receipt of the field topographic survey and limited closed circuit television inspections of the existing facilities.

Exhibits are attached that show the general location of the sewer mains in each of the segments. Line item cost opinions for both segments are also included for your information.

We will be pleased to review the contract document with you at your convenience, or answer any questions you may have relative to our proposal.

Thank you for your cooperation and assistance. We look forward to working with you in the successful completion of this project.

Very truly yours,
ELLIOTT AND HUGHES, INC.

David C. Hughes, P.E.

David C. Hughes, Jr., P.E.

STATE OF TEXAS
DAVID C. HUGHES, JR.
31348
REGISTERED
PROFESSIONAL ENGINEER

11/25/2014
TBPE Firm # F-1139

cc: file