



October 9, 2024

Melissa Reynolds, P.E.  
City of Seguin  
205 N. River Street  
Seguin, TX 78155

**RE: Additional Service Proposal #3 – New Waterline Design (Strempel Rd. to SH 123)  
Rudeloff Road Phase II from Huber Road to SH 123 (at FM 20)**

Dear Ms. Reynolds:

BGE, Inc. (BGE) is pleased to present the City of Seguin (City) with this proposal to provide additional engineering services for the design of new water main(s) for the Rudeloff Road Phase II Project from Huber Road to SH 123 (at FM 20).

**Scope of Services:**

The additional services requested are twofold. First, BGE proposes to conduct an alignment analysis of up to three alternatives along the 1.33 mile stretch of Rudeloff Road from Strempel Road (future) to SH 123 (at FM 20). The analysis will begin and the [future] 16-inch water line at the future Strempel Road intersection as designed by Trihydro, and continue to the east to SH 123 at FM 20. The analysis will consider future development within the operating pressure plane that will allow the City to serve customers associated with future development within the City's future CCN extents. The additional services requested are to provide the design of the water facilities as follows:

1. Alignment Analysis. BGE will develop a plan to connect the proposed "Springs Hill WSC Water Service Transfer" water line at Strempel Road to the City's existing water line along the west side of SH 123 at the intersection with FM 20. The alignment analysis will also identify connection points for future developments at Walnut Springs, Pecan Farms, Swenson Heights, and the Wahl/Metzger tract within the proposed right of way (ROW) of Rudeloff Road. Approximately 8,000 linear feet of water pipeline are anticipated to be planned and the design of said facilities will be governed by the City's utility design criteria and will follow the Texas Commission on Environmental Quality's (TCEQ) minimum design standards for public water infrastructure.
2. Water Main Design Plans, Specifications, and Estimates (PS&E). BGE will develop the water line design based on the alignment selected from Task 1 above. The water pipeline design will be governed by the City of Seguin's utility design criteria and will follow the Texas Commission of Environmental Quality's (TCEQ) minimum design standards for public water infrastructure. The design is based on the assumption that the water line will be 12-inch PVC from the future Strempel Road intersection to SH 123. The additional water line connections may be of a smaller diameter, but are not anticipated to be over 12-inches. All water lines 12-inches and over will be profiled, and plan and vertical profiles will be provided in the plans. If plan and profiles are not warranted, special details will be provided to display offsets, and connections.
  - a. Kick-off Meeting. At the onset of the PS&E phase, BGE will meet with the City for a project kick-off meeting.
  - b. Stake-holder Coordination. During the development of the design, BGE will meet with stakeholders representing each of the developments along the alignment including

Walnut Springs, Pecan Farms, Swenson Heights, and the Wahl/Metzger tract. It is anticipated that four (4) meetings will be required. Additional meetings above four (4) meetings will be provided on an hourly basis.

- c. Submittals. BGE will provide intermittent plan submittals at the 30%, 60%, 90%, and 100% design phase. BGE will provide each submittal electronically as a PDF for the City’s review and comment. BGE will meet with the City after each submittal review as needed, as a submittal review meeting.
  - d. Special Specifications. BGE will develop special details and/or specifications for the water pipeline to allow for the City to joint-bid the water pipeline along with the Rudeloff Road Phase II roadway and drainage improvements project. The special specifications will be developed to be compatible with TxDOT joint bid criteria, and incorporate the City of Seguin water line design criteria and/or standards.
3. Bid Phase. BGE will provide the following bid phase services after the final plan submittal and advertisement:
- a. Respond to requests for information during bid phase.
  - b. Review bid tabs for the water line bid items for accuracy.
4. Construction Phase Services. After the award of the contract, BGE will provide the following services during construction.
- a. Attend the pre-construction meeting.
  - b. Review water line pipe and water line appurtenance submittals.
  - c. Respond to requests for information (assume 4 RFI’s).

For the construction phase services it is presumed that construction will take 24 months to complete.

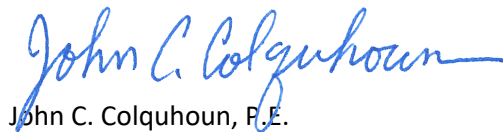
The designed infrastructure will be completed by June 30, 2025, and all design documents, including governing specifications, will be reviewed and approved by the City. It is assumed that this work will not require coordination or communication with SHWSC. It is also assumed that all ancillary services typically included in a water main relocation, including geotechnical engineering, traffic controls, and erosion and sedimentation controls, will be provided with the roadway project and may require minimal alterations to accommodate the water line scope of work.

**Compensation:**

The contract amount for the additional services shall be the lump sum fee of One Hundred Thirty-Four Thousand, Five Hundred Nineteen Dollars, and Fifty-Six Cents (\$134,519.56).

Thank you for this opportunity for our team to continue to support the City and if you have any questions please feel free to contact me.

Sincerely,



John C. Colquhoun, P.E.  
BGE, Inc.

**AGREED AND ACCEPTED**

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Signature of Authorization

\_\_\_\_\_  
DATE

**EXHIBIT D-FEE SCHEDULE (BGE, INC.)**

**PRIME PROVIDER NAME: BGE, INC.**  
**RUDELOFF ROAD PHASE I: Supplemental Agreement No. 3, Water line design**

TASK DESCRIPTION	QC MANAGER	PROJECT MANAGER	ROADWAY PROJECT MANAGER	PROJECT ENGINEER	ENGINEER IN TRAINING	ENGINEERING TECH	CLERICAL	TOTAL LABOR HRS	TOTAL LABOR COST
<b>WATER MAIN DESIGN</b>									
Alignment Analysis		8	4	12	24	24		72	\$13,053.00
Water Main Design PS&E (30%, 60%, 90%, 100%)	32	48	24	72	144	144	24	488	\$90,016.32
Water Main Design (Special Details, Special Specifications)	4	4		8	16	24		56	\$9,605.76
Bid Phase				16				20	\$4,716.40
Construction Phase (Estimated @ 24 months)				72	12			84	\$16,921.08
<b>HOURS SUB-TOTALS</b>		36	64	28	180	196	192	24	720
<b>SUBTOTAL</b>									<b>\$ 134,312.56</b>

<b>OTHER DIRECT EXPENSES</b>	<b># OF UNITS</b>	<b>COST/UNIT</b>	
Mileage (4 TRIPS) (current state rate)	360	\$ 0.575	\$207.00
<b>SUBTOTAL DIRECT EXPENSES</b>			<b>\$207.00</b>

<b>SUMMARY</b>		
TOTAL COSTS FOR PRIME ONLY	\$134,312.56	
NON-SALARY (OTHER DIRECT EXPENSES) FOR PRIME ONLY	\$207.00	
<b>GRAND TOTAL</b>	<b>\$134,519.56</b>	