



May 7, 2013

Mr. Dan Franz, P.E.  
City Engineer  
City of Pflugerville  
201-B East Pecan Street  
Pflugerville, Texas 78691

**RE: Proposal for Professional Services:  
Rowe Loop Wastewater Service Extension  
Pflugerville, Texas**

Dear Mr. Franz:

Based on the information the City of Pflugerville (City) provided on the subject project, Binkley & Barfield, Inc. (BBI) is pleased to submit this proposal for professional services associated with extension of wastewater along Rowe Loop and to parcels along SH 130. The project also involves the decommissioning of the Steeds Crossing Lift Station.

In general, it is our understanding that the City would like to move forward with Option 3 (attached), as presented at the interview on January 16, 2013. As shown, this option also includes providing wastewater service to the lots along SH 130 to bring added value to the project.

It is our understanding that the City does not wish to include repaving or roadway reconstruction within the scope of this project.

Based on our understanding of your needs at this time and the current status of this project, we propose to provide the following specific services:

## **SCOPE OF SERVICES**

### **A. Design and Bid Phase**

1. Produce all construction drawings and obtain permits necessary for the construction of approximately 7700 LF of 8" wastewater line at Rowe Loop and SH 130 (as shown in Option 3), the abandonment of the existing 6" force main from Steeds Crossing Lift Station to the existing gravity manhole across Rowe Lane, as well as the decommissioning of the Steeds Crossing Lift Station. Construction drawings are to be produced at the schematic level in order to verify Option 3 will indeed work to meet the City's needs and to get final agreement on the placement and alignments of all proposed

lines. Once alignments are agreed upon, construction drawings are to be produced at the 60%, 90%, and 100% design stages.

Note: It is our understanding that the new 8" wastewater line is to include service lines that extend only to the ROW line of each property (i.e., no service line will be placed on private property as part of this project). As noted above, there is an existing 6" force main from Steeds Crossing Lift Station to the existing gravity manhole across Rowe Lane, which is to be abandoned. There are also approximately 4 existing grinder pumps that tie into the existing 6" force main. This scope includes tying the existing grinder pump force mains to the new City gravity system via a service cleanout at the ROW. However, it is recommended that the City exhaust every effort to abandon the grinder pumps, if at all possible.

2. Provide all technical specifications necessary for the project at the 60% and 90% design stages.
3. Prepare and update cost estimate at the schematic, 60%, 90%, and 100% design stages.
4. Attend design review meetings (up to 3), as well as public outreach meetings (up to 2) as described below.
5. Utility Coordination: Obtain existing utility information and identify utility conflicts. Coordinate utility adjustments/conflicts with utility owners.
6. BBI will prepare a Stormwater Pollution Prevention Plan (SWPPP), if necessary.
7. Surveying/Easements (Waterloo): Obtain topographic and tree survey information, and produce easement documentation, necessary to design and construct the project based on Option 3 (see attached proposal from Waterloo for details).
8. Geotechnical Engineering (Holt Engineering): Obtain soil borings and produce geotechnical data report. This will only be a data report with no pavement recommendations provided. Borings will be taken on each leg of Rowe Loop (east, west, and north) to determine what pavement section exists. Borings will be taken to a depth of 15' since the wastewater line will be out of the roadway but within the ROW. Borings will also be taken to a depth of 15' at an additional 5 strategic locations along all other wastewater lines to be located within existing and proposed easements (see attached proposal from Holt for details).
9. Agency Coordination (Baer Engineering): Conduct the following pedestrian surveys: vegetation assessment; threatened and endangered species habitat survey; and hydrogeologic setting review. Conclusions developed from this assessment will be reported to the following regulatory agencies: Biological Resources - USFWS / TPWD; Cultural Resources – Texas Historical Commission.
10. Public Outreach (Concept Development & Planning): It is our understanding that the City will handle the majority of the easement acquisition process, but may need some

assistance during the process (the split is understood to be approximately 60% done by the City and 40% by the BBI team).

It is also our understanding that the City would like to have 1 neighborhood meeting at the 90% design stage with all homeowners within the project area. This meeting is planned to be approximately 2-3 hours.

Door hangers will be placed prior to the meeting above for advanced notice, as well as during construction as the project proceeds forward.

11. Attend pre-bid meeting and provide technical support to the City.
12. Aid City in answering contractor questions during the bid phase.
13. Aid City in evaluating contractor bids and qualifications.

**B. Construction Phase Services**

1. Assumes monthly construction meetings for 5 months. Observe general progress of construction, attend pre-construction meeting, review contractor submittals, review pay applications, and answer contractor Requests for Information (RFI). Note, this does not include construction management, contract administration, or other administrative services. This also does not include site plan corrections as this cannot be foreseen. In any case, it will be the responsibility of the contractor to construct the project per the approved plans and ask questions as necessary.

**C. Reimbursables / Reproductions**

1. Reproduction of documents, shipping and mailing expenses, travel expenses such as mileage for automobile travel, and any other disbursements, application fees, etc., made on behalf of the Client, shall be invoiced as reimbursed as described in the Professional Services Agreement.

**FEE SUMMARY**

We propose to provide the specific services described above on a lump sum basis as described below:

**Design, Bid, & Construction Phase**

Binkley & Barfield, Inc.		
Design & Bid Phase		\$ 87,665.00
Construction Phase		\$ 19,935.00
Waterloo Surveyors, Inc. (topographic/tree survey, easement documentation)		\$ 8,000.00
Holt Engineering, Inc. (geotechnical engineering & construction materials testing)		\$ 13,858.40
Baer Engineering, Inc. (agency coordination)		\$ 6,104.76
<u>Concept Development &amp; Planning, Inc. (esmt. acquisition assistance/public outreach)</u>		<u>\$ 9,920.00</u>
	Subtotal	\$ 145,483.00
Allowance for Reimbursable Expenses – Design Phase :		\$ 3,000.00
<u>Allowance for Reimbursable Expenses – Construction Phase :</u>		<u>\$ 1,000.00</u>
<b>Total Fee for Design, Bid, &amp; Construction Phase:</b>		<b>\$ 149,483.00</b>

We appreciate this opportunity to provide professional engineering services for the City of Pflugerville on this project. If you have any questions, please call me at (512) 292-0006.

Sincerely,

**BINKLEY & BARFIELD, INC.**  
Consulting Engineers



Rey Gonzalez, P.E.  
Project Manager