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April 22, 2015

Mr. Rick Cortes, Assistant City Manager
City of Seguin
P.O. Box 591
Seguin, Texas 78156-0591

Re: Wastewater Collection System Study
Engineering Services Proposal

Dear Mr. Cortes:

The City of Seguin has requested that TRC provide this proposal for engineering services for the preparation of a Wastewater Collection System Study. The cost to provide the engineering services, based on the attached preliminary scope of work, is $97,260.00 (lump sum basis). The services will be provided under the Master Services Agreement executed by the City and TRC. If this is acceptable, please execute on the line provided below and return this proposal to TRC.

The opportunity to provide this proposal is greatly appreciated. If you have any questions regarding this information, please feel free to contact this office.

Sincerely,

Craig Bell

H. Craig Bell, P.E. - TRC

4/22/15

Date

City of Seguin

Date

CITY OF SEGUIN

WASTEWATER COLLECTION SYSTEM STUDY
ENGINEERING SERVICES PROPOSAL
PRELIMINARY SCOPE OF WORK
(04/22/2015)

ENGINEERING SCOPE OF WORK:

1. Prepare collection system map showing all lines as provided by the City of Seguin and through institutional knowledge of TRC. Maps shall delineate known ages of the infrastructure, CCN, City limits, and treatment plant divides.

2. Meet with City Staff to determine if any collection system trunk mains (≥ 12" diameter) need to be TV videoed. TRC will review results of videoing.

3. Determine areas of future growth, to include:

   a. CH Matthies,
   b. Nolte Farms,
   c. CAVCO,
   d. New Quest,
   e. Development south of the Guadalupe River, and
   f. Development of area by toll road.

4. Review all existing collection system and lift station studies as provided by the City or previously performed by TRC.

5. Determine capacity and treatment capabilities of the existing wastewater treatment plants (including G.B.R.A.) in relation to future growth.

6. Determine if major collection system trunk mains (≥ 12" diameter) within the City are sufficient for future City growth based on the proposed land use assumptions.

7. Lift station review, to include:

   a. Current capacity issues,
   b. Future capacity issues,
   c. Condition,
   d. TCEQ deficiencies, and
   e. Other issues per discussions with City Staff.

8. TRC will provide a written report summarizing the results of the study:

   a. Prioritize collection system trunk main line work that requires repair or replacement,
   b. Prepare opinion of probable construction costs, and
   c. Develop a Capital Improvement Plan based on annual expenditures over 5 to 10 years.

ENGINEERING SCOPE OF WORK (cont.)

9. Review and make recommendations on the purchasing of the G.B.R.A. WWTP serving the City's collection system, south of the Guadalupe River.

10. Design third pump at the Mill Creek Lift Station (based on future growth of this area), which includes:

    a. Prepare construction plans and specifications,
    b. Prepare and submit project notification forms to TCEQ,
    c. Assist the City in the bid process including preparation of bid advertisement document, assist the City in the opening and tabulation of bids, prepare award recommendation letter and construction contract documents, and
    d. Assist Owner during construction consisting of Contractor correspondence, submittal review, pay request review, periodic site visits (maximum of three), final inspection, preparation of Contractor punch list and record drawing preparation.

ASSUMPTIONS:

The preparation of the engineering cost for this study was based on the following assumptions, which if found to be incorrect could result in a request for additional engineering fees:

- Land use assumptions will be per the most recent City comprehensive plan and additional information provided by the City.
- City to supply the future study data from the City of Seguin Water Line Study, when complete.
- The basis for future capital upgrades will be based on the most recent impact fee study being updated concurrently.
- Study will not include smoke testing.
- Any TV videoed lines will be on an as needed basis and will be performed and provided by the City.
- Residential or low impact sanitary sewer lines will be omitted from detailed analysis. It is assumed these lines will be further investigated on an as needed basis with future street projects.

EXCLUSIONS:

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

- Flow measurement of existing sewer mains.
- Topographical Surveying
- Environmental review of project limits
- Detailed title search or title policy
- Attendance at or preparation for condemnation hearings
- Easement or Plat documents, landowner contact or easement negotiations
- Archaeological surveys (if applicable).