

ISSUE DATE: June 1, 2016

TO: Engineering Firms

FROM: Tom Word, Assistant City Manager
City of Pflugerville

SUBJECT: Request for Statements of Qualifications
Inflow and Infiltration Study – Phase 1

The City of Pflugerville (City) is requesting a Statement of Qualifications (SOQ) from qualified consulting engineering firms **for professional engineering services associated the preparation of an Inflow and Infiltration Study**. Enclosed for your consideration is a Request for Statement of Qualifications (RFQ).

To be considered for this project, your firm must meet the qualifications and satisfy the requirements set forth in the RFQ. If you are interested in being considered, please **submit your SOQ by 4 p.m., Monday, June 20, 2016** to the person listed below. The submission date for questions, clarifications, or **requests for general information is 2 p.m., Thursday, June 16, 2016**. Any requests received after this date will be returned and not addressed. Note that all questions, clarifications, or request for general information are to be **in writing via email** or other mail carrier to the City's Project Manager.

A committee consisting of City of Pflugerville staff will rate the SOQs using the evaluation criteria developed for this project. Said evaluation criteria are attached to this RFQ. The selection committee may interview one or more firms to further evaluate qualifications. The selection committee will present their recommendations to the City Council who will select the consultant for this project.

Any questions and correspondence should be directed to:

Mr. Tom Word
Assistant City Manager
City of Pflugerville
P.O. Box 589
Pflugerville, Texas 78691-0589
(512) 990-6400
Fax: (512) 989-1052
tomw@pflugervilletx.gov

Contact regarding this project with any City of Pflugerville personnel or officials other than Mr. Tom Word or his designated representative after the issue date of this RFQ will be grounds for removal of the firm from consideration.

REQUEST FOR STATEMENT OF QUALIFICATIONS
City of Pflugerville
Inflow and Infiltration Study – Phase 1

I. INTRODUCTION

A. General Information

The City of Pflugerville is requesting SOQs from qualified consulting engineering firms to assist with the preparation of an inflow and infiltration study that provides a comprehensive analysis of extraneous flows into the wastewater collection system; and cost-effective action and implementation plan to eliminate inflow and infiltration sources and attain optimal operation of the City's wastewater system.

Inflow and Infiltration Study – Phase 1

There is no expressed or implied obligation for the City of Pflugerville to reimburse responding firms for any expenses incurred in the preparation of a SOQ in response to this request. The City reserves the right to increase or decrease the scope of work related to this project as outlined in this RFQ after a firm is selected to accommodate changes in the needs of the City and serve the best interests of the City.

B. Submittal Requirements

To be considered, **5 (five) hardcopies and 1 (one) CD** of the SOQ must be received, as outlined in section III of this RFQ, by **Monday, June 20, 2016**. The City of Pflugerville reserves the right to reject any or all SOQ's submitted.

C. Evaluation and Selection

SOQ's submitted will be evaluated by a committee consisting of City of Pflugerville staff. During the evaluation process, the City of Pflugerville reserves the right, where it may serve the City of Pflugerville's best interest, to request additional information or clarifications from responders, or to allow corrections of errors or omissions.

Review of Proposals:

1. The committee will review the SOQ's at its earliest convenience after the submittal deadline date.
2. The SOQ's will be reviewed and rated relative to the evaluation criteria established for this project. Said evaluation criteria are attached to this RFQ.
3. If necessary, the committee will invite one or more responsive firms to make a presentation before the committee.
4. After completing the evaluation process, the committee will recommend the firm deemed the most qualified to City Council for consultant selection.
5. City Council will consider the committee recommendation at its earliest convenience.
6. Following consultant selection, de-briefing meetings with City staff will be available only if time permits and will be by appointment with the City's Project Manager.

II. NATURE OF SERVICES REQUIRED

A. General

The City of Pflugerville is soliciting the services of qualified consulting engineering firms to accomplish the project outlined in this RFQ. This project is to be performed in accordance with the provisions contained in this Request for Statement of Qualifications.

B. Scope of Work to be Performed: Technical Expertise

This project will include a comprehensive analysis of extraneous flows into the wastewater collection system.

The primary role of the consultant will be to compile and analyze existing flow monitoring data, identify areas of high inflow and infiltration, perform field work such as flow monitoring and recommend mitigation and rehabilitation projects to reduce inflow and infiltration.

The City of Pflugerville will require the selected firm to:

PHASE I

Task 1 – Gather and Review Background Information

Activities to be undertaken include the following:

- Meet with City staff to identify available background information and reports;
- Collect and review reports, record drawings, operating and maintenance manuals, SCADA information, GIS information etc. as necessary to gain a full understanding of the wastewater collection system;
- Review inspection reports and maintenance records;
- Review flow data along with available rainfall data from external sources;
- Inspect existing facilities as necessary;
- Collect other information considered relevant;
- Identify data gaps and assumptions made on data collection; and
- Prepare a Background Information Report

Task 2 – Determine and Implement a Flow Monitoring Strategy

Activities to be undertaken include:

- Develop a flow monitoring strategy that includes the identification of suitable sites, field verification of these sites, recommendation of initial sites, installation of flow monitoring equipment and data collection and maintenance procedures for the flow monitoring equipment;
- Implement the flow monitoring strategy (consultant to provide extra equipment if needed);
- Superimpose rain data on wastewater collection system flow data;
- Identify the potential sources of inflow and infiltration;
- Quantify the amount of inflow and infiltration;
- Prepare an inflow and infiltration Summary Flow Monitoring Report

PHASE II

Task 3 – Determine and Implement a Strategy for Further Investigation of Extraneous Flows

The goal of this task is to further identify sources of inflow and infiltration in those areas where significant extraneous flows were seen in Task 2.

Activities to be undertaken include:

- Provide a gap analysis of flow data and recommend areas to be further investigation;
- Formulate an investigation strategy that includes manhole inspections, smoke testing, additional camera inspections of sanitary sewer mains and laterals as necessary plus any other investigative methods appropriate for this task.
- Provide recommendations for a future permanent flow monitoring program;
- Implement the investigation strategy;
- Locate the sources of inflow and infiltration;
- Quantify the amount of inflow and infiltration per source;
- Prepare a Summary Report

Task 4 – Wastewater Collection System Analysis and Action Plan

Prepare and submit a comprehensive Study Report analyzing the information gathered in all tasks.

Activities to be undertaken include the following:

- Identify significant sources of inflow and infiltration;
- Quantify inflow and infiltration over the period of the study;
- Determine strategies to reduce inflow and infiltration flows into the wastewater collection system;
- Prepare a detailed cost estimate for strategies to reduce inflow and infiltration flows;
- Establish priorities in rehabilitation, repair and replacement works;
- Develop a 10-year Capital Plan with short-term and long-term objectives;
- Provide recommendations for the installation of permanent flow monitoring stations; and
- Prepare a comprehensive Inflow and Infiltration Study Report that incorporates the findings of all reports.

III. SUBMISSION OF STATEMENTS OF QUALIFICATIONS

Interested and qualified firms or teams are invited to submit one (1) original, four (4) copies and one (1) CD of materials that demonstrate their experience in performing a project of this scale and complexity. The SOQ shall be submitted by a lead firm but may contain services from subconsultants. **Documentation should be limited to 15 single sided pages and include the below items. Statement of Interest Letter and Resumes do not count in the 15 page limit.**

1. City is interested in the experience of the Project Manager, Project Principal and the firm(s) similar project experience to the project described in this solicitation. Project Manager and Project Principal must be employed by the prime firm and may be the same individual. Project Manager must be licensed as a professional engineer in the State of Texas at the time of submittal. List the location of the offices proposed to work on the project as well as contact information and who is to be the sole agent for contact with the City for this project.

2. Prime firm and sub consultants must have adequate and experienced current staff (including professionals registered in applicable fields, other professionals, and technicians) to competently and efficiently perform the work. Provide detail of the firm's qualifications as well as aspects of each firm that will benefit this project if selected. Identify project leadership, reporting responsibilities, how prime firm will interface with City's project manager and the sponsoring department, and how sub consultants will work within the management structure. Provide resumes of each firm/team member along with a list of major services offered by each firm/team member.
3. City is interested in the prime firm's history and success with projects of similar programs, budgets, and/or clients as the project described in this solicitation. List no more than five projects for meeting these criteria which have been completed in the past five years. In addition, City may consider history of firm in complying with project programs, schedules, and budgets on previous City projects.
4. Areas of sub consulting which will be evaluated are identified in the project description. The City is interested in the proposed sub consultants' history and success with projects of similar programs, budgets, and/or clients as the project described in this solicitation. List no more than three (3) projects per sub consultant meeting these criteria which have been completed in the past five years. In addition, City may consider history of firms in complying with project programs, schedules, and budgets based on previous City projects.
5. City is interested in team's (including sub consultants) experience within Central Texas and the City of Pflugerville, as may be evidenced by existence of local offices or work in the area during the past five (5) years. Briefly describe experience in the following areas and reference projects relating to that experience:
 - Wastewater studies specifically inflow and infiltration
6. City is interested in team's organizational structure, their understanding of the project issues and their approach to the project. Describe how the project will be formatted from Design to Completion, any firm specific tools that will be used in the project and describe any significant project issues with the team's approach in addressing those issues.

Submittals shall EITHER be mailed to:

Mr. Tom Word, Assistant City Manager
C/O Sabrina Schmidt
City of Pflugerville
P.O. Box 589
Pflugerville, Texas 78691-0589

OR submittals shall be delivered to:

Mr. Tom Word, Assistant City Manager
C/O Sabrina Schmidt
City of Pflugerville
100 East Main Street, Suite 100
Pflugerville, TX 78660

All submittals must be received no later than 4 p.m., Monday, June 20, 2016.

IV. ADDITIONAL MATERIALS

Any information or material provided beyond that requested in this RFQ may not be considered by the City.



PROFESSIONAL SERVICES CONSULTANT SELECTION EVALUATION CRITERIA

The following is a description of items to receive consideration in the evaluation of responses for providing professional engineering/architectural services to the City of Pflugerville. Following each description are the evaluation points associated with the item. TOTAL POSSIBLE POINTS EQUALS 100 (plus 25 points for interviews, if conducted). Wherever used, "prime firm" denotes a single firm or a joint venture responding as the prime consultant. Wherever used, "page" refers to single-sided, single spaced, 10-point minimum font printed 8-1/2 x 11-inch pages. The prime firm shall perform the largest share of the assignment (on an estimated percentage of total agreement basis). Responses failing to show the prime firm performing the plurality of the services shall be rejected as non-responsive. **Limitations on volume of requested information apply equally to single firms and joint ventures regardless of the number of firms partnering in the joint venture. Responses with excess volume or which do not include information for the evaluation of all consideration items may not be thoroughly reviewed or may be rejected as non-responsive.**

Consideration Item 1: <u>Experience of Project Manager and Project Principal (Past 10 Years)</u> (Project Manager – 20 points; Project Principal – 10 points)
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City is interested in the experience of the Project Manager and Project Principal, on projects similar to the project described in this solicitation. Points will be awarded as indicated above. Only one individual per job responsibility should be designated. Project Manager and Project Principal must be employed by the prime firm and may be the same individual. Project Manager must be licensed as a professional engineer in the State of Texas at the time of submittal. List no more than five (5) projects meeting these criteria which have been completed in the past ten (10) years for each individual.

30 Points Maximum

Consideration Item 2: <u>Experience and Availability of Proposed Staff</u>

Prime firm and subconsultants must have adequate and experienced current staff (including professionals registered in applicable fields, other professionals, and technicians) to competently and efficiently perform the work. Prime firm and subconsultants must commit that staff proposed in this submittal would be available for the proposed work. City may desire to visit team's business addresses on a regular basis to follow progress of the work.

15 Points

Consideration Item 3: <u>Prime Firm's Comparable Project Experience (past 5 years)</u>

City is interested in the prime firm's history and success with projects of similar programs, budgets, and/or clients as the project described in this solicitation. List no more than five projects meeting these criteria which have been completed in the past five years. In addition, City may consider history of firm in complying with project programs, schedules, and budgets on previous City projects.
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15 points maximum if subconsultants are used, otherwise, 30 points

Consideration Item 4: <u>Subconsultant Firms' Comparable Project Experience (past 5 years)</u>

Areas of subconsulting which will be evaluated are identified in the project description. The City is interested in the proposed subconsultants' history and success with projects of similar programs, budgets, and/or clients as the project described in this solicitation. List no more than three (3) projects per subconsultant meeting these criteria which have been completed in the past five years. In addition, City may consider history of firms in complying with project programs, schedules, and budgets based on previous City projects.
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15 points maximum if subconsultants are used, otherwise, 0 points
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Consideration Item 5: <u>Team's Structure and Project Approach</u>

City is interested in team's organizational structure, their understanding of the project issues and their approach to the project. Identify project leadership, reporting responsibilities, how prime firm will interface with City's project manager and the sponsoring department, and how subconsultants will work within the management structure. Describe any significant project issues and the team's approach in addressing those issues.

25 Points Maximum

Consideration Item 6: <u>Interview (Optional)</u>
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The City may determine that it is necessary to interview short-listed firms prior to making a recommendation to the City Council. Generally, staff may interview the top firms based on the results of the Evaluation Committee.
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25 Points Maximum
