

ISSUE DATE: January 25, 2017

TO: Engineering Firms

FROM: Amy Giannini, P.E., CFM, City Engineer
City of Pflugerville, Texas

SUBJECT: Request for Statements of Qualifications
New Sweden Package Wastewater Treatment Plant

The City of Pflugerville (City) is requesting a Statement of Qualifications (SOQs) from qualified consulting engineering firms **for professional engineering services associated with site determination analysis, final design, bidding, and construction administration of the New Sweden Package Wastewater Treatment Plant Project**. Enclosed for your consideration is a Request for the 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 4:00 p.m., Wednesday, February 15, 2017** to the person listed below. The submission date for questions, clarifications, or **requests for general information will be 2:00 p.m., Wednesday, February 8, 2017**. 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 relative to the evaluation criteria developed for this project. Said evaluation criteria are attached to this RFQ. This may include interviewing one or more firms by the selection committee. The firm with the highest rated SOQ inclusive of the interview, when applicable, will be recommended to City Council for consultant selection.

Any questions and correspondence should be directed to:

Ms. Amy Giannini
City Engineer
City of Pflugerville
P.O. Box 589
Pflugerville, Texas 78691-0589
(512) 990-6353
Fax: (512) 989-1052
amymg@pflugervilletx.gov

Contact regarding this project with any City of Pflugerville personnel or officials other than Ms. Amy Giannini or her 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
New Sweden Package Wastewater Treatment Plant Project

I. INTRODUCTION

A. General Information

The City of Pflugerville is requesting SOQs from qualified consulting engineering firms to assist the City in site selection for a **package wastewater treatment plant** including completion of final design for the following project:

New Sweden Package Wastewater Treatment Plant

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, **4 (four) hardcopies and 1 (one) CD** of the SOQ must be received, as outlined in section III of this RFQ, by **February 15, 2017**. The City of Pflugerville reserves the right to reject any or all SOQs 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 SOQs at its earliest convenience after the submittal deadline date.
2. The SOQs 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 may only be available 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. The City of Pflugerville will be constructing a package treatment plant to serve the Cottonwood Drainage Basin as shown in the City of Pflugerville Wastewater Master Plan. A Texas Pollutant Discharge Elimination System (TPDES) system permit (TPDES Permit No. WQ0014642001) for a treatment plant to discharge waste under the provisions of Section 402 of the Clean Water Act and Chapter 26 of the Texas Water Code was last renewed by Texas Commission on Environmental Quality (TCEQ) on September 29, 2014. The permit allows for three phases for wastewater treatment plant facilities including 0.475 MGD, 0.95 MGD, and 3.0 MGD. The City would like to develop plans and permit through TCEQ the first phase of the package treatment plant such that the City can proceed with construction when necessary. Future growth and development demands in the Cottonwood Drainage Basin will drive the need for time of construction of the facility.

B. Scope of Work to be Performed: Technical Expertise

The City of Pflugerville will require the selected firm to:

1. This project will include a site determination analysis for an ultimate 25.0 MGD wastewater treatment plant and construction of a 0.475 MGD package wastewater treatment plant. The City currently owns a 10.0 acre tract located on New Sweden Church Road approximately 2,500 LF east of FM 973. The selected consultant will work with City staff and conduct a site determination analysis on the 10.0 acre tract as well as other possible locations to assist the City in determining the final location of the proposed package wastewater treatment plant.
2. Review and analyze existing current TPDES permit for compliance with the project and selected site. Coordinate with TCEQ if necessary.
3. Prepare a master plan of the proposed site to include the phases of the package treatment plant and ultimate facility.
4. If necessary, prepare a final plat, floodplain analysis, and process Letter of Map Revision (LOMR) through FEMA for the selected site.
5. Prepare 30% engineering plans including an engineer's opinion of most probable construction cost, project management plan, and geotechnical investigation. These documents will be for obtaining any required easements and property associated with the construction of the package wastewater treatment plant.
6. Prepare final construction plans and specification for the 0.475 MGD package wastewater treatment plant project. A final engineer's opinion of most probable construction cost shall be included. Final engineering construction documents shall include but not be limited to: topographic and boundary surveys where required, geotechnical investigation, environmental assessment and environmental clearances, Phase I Archaeological Survey including subsurface testing and clearances through the Texas Historical Commission, identification of utility conflicts, required utility adjustments and replacements, coordination with utility companies, determination of property/easement acquisition, preparation of property/easement acquisition metes/bounds and sketch, preliminary and final engineer's opinion of probable construction cost, project manual and any other items necessary to successfully construct this project.
7. Prepare and process permits through TCEQ and other regulatory agencies as required.

8. Design this project in accordance with the City of Pflugerville's 2015 Edition of the Uniform Development Code and 2015 Edition of the Engineering Design Guidelines & Construction Standards, and other applicable federal, state and other jurisdictional entity requirements.
9. Have extensive knowledge and expertise in the areas of package wastewater treatment plant design, surveying, geotechnical services, and coordination with municipal and state agencies.

III. SUBMISSION OF STATEMENTS OF QUALIFICATIONS

Interested and qualified firms or teams are invited to submit one (1) original, three (3) 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:
 - TCEQ wastewater treatment plant permit experience
 - Site development and/or building permit requirements
 - Area construction costs and practices

- Public awareness and involvement in project development in the Pflugerville area
 - FEMA Special Flood Hazard Area Revision experience
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:

Ms. Amy Giannini, City Engineer
C/O Sabrina Schmidt
City of Pflugerville
P.O. Box 589
Pflugerville, Texas 78691-0589

OR submittals shall be delivered to:

Ms. Amy Giannini, City Engineer
C/O Sabrina Schmidt
City of Pflugerville
100 East Main Street, Suite 100
Pflugerville, TX 78660

All submittals must be received no later than 4:00 p.m., Wednesday, February 15, 2017.

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>
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 (Project Manager – 20 points; Project Principal – 10 points)

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 Maximum

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.
15 Points Maximum

Consideration Item 4: Subconsultant Firms' Comparable Project Experience (past 5 years)

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.

15 points maximum if subconsultants are used, otherwise, 0 points

Consideration Item 5: Team's Structure and Project Approach

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: Interview (Optional)

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.

25 Points Maximum