

REQUEST FOR QUALIFICATIONS (RFQ) RFQ E13-11

ENGINEERING SERVICES FOR WASTEWATER TREATMENT PLANT (WWTP) IMPROVEMENTS

SELECTIONS R03 TO R08

The City of Houston intends to enter into contract with a professional engineer to provide engineering services for the project listed below. The work to be performed by the engineer under proposed contract shall consist of professional engineering services per the [City of Houston Department of Public Works and Engineering's Standard General Three-Phase Contract](#).

To qualify for selection, the submitting firm must be registered in Texas and have a professional engineer (also registered in Texas) who can sign and seal the work to be performed under the contract.

To be considered for evaluation, firms shall submit a specific statement of qualifications (SOQ) in the manner described below and may not submit more than one response to this RFQ. **Any firm submitting an SOQ that does not conform to all the requirements of this RFQ will be subject to disqualification.**

1. One hard-copy SOQ, including the entire submittal package (items 1-6, below), and
2. One (1) CD-ROM according to the following instructions:
 - The CD-Rom label clearly shows the firm name and the RFQ number.
 - Only one PDF file on the CD-Rom, with the entire submittal package (items 1-6, below) included within that PDF file. The PDF file shall follow the below naming convention.
 - "<RFQ Number>_<Firm Name>.pdf"
 - Example: "E13-11_ABC Services.pdf"

Every submittal will be reviewed and rated for accuracy and completeness, but **the following specific errors are cause for disqualification:**

- **Including on the project team a sub-consultant that is a member of more than ten (10) teams for this RFQ,**
- **Qualifications (see below) are on more than eight (8) pages.**

The submittal shall include the following:

1. A transmittal letter of interest notifying the City of Houston of the submitter's intent to be considered for these professional services.
2. A one-page letter from each sub-consulting firm proposed in the submittal indicating that firm's desire to be included and indicating a general statement of the scope of services that the sub-consultant will perform if the submitting firm is selected. **A firm cannot be a sub-consultant on more than 10 teams.**

3. A copy of the submitting firm's response to questionnaire pertaining to "Conflict of Interest". Local Government Code Chapter 176 requires firms seeking to do business with the City of Houston ("City") to file a Conflict of Interest Questionnaire with the City Secretary. The current Conflict of Interest Questionnaire is available for downloading on the website of the Texas Ethics Commission: <http://www.ethics.state.tx.us/forms/CIQ.pdf> *If nobody in the company has a business relationship with the City (as defined in Section 176.001 (1-a) in the Local Government Code), write "N/A" in Section 1 and leave the remainder of the form blank.*
4. A copy of the submitting firm's current on-file Department of Public Works and Engineering's *Standard Form for Engineering and Related Services* ("PWE100"). Firms are still responsible for the formal submission of updated PWE100s according to the instructions at the following location: http://www.publicworks.houstontx.gov/notices/pwe_100_form.html
5. A fully completed Pay or Play POP-1A form, which can be found at the following location: <http://www.houstontx.gov/obo/popforms.html>. The City of Houston's Pay or Play (POP) Program as authorized by Ordinance 2007-534 and Executive Order 1-7 will be included as part of the professional services contract.
6. The remainder of the submittal document (Qualifications) shall follow the below parameters:
 - A. Format of Qualifications:
 - Not exceed EIGHT single-sided 8^{1/2}x11 pages
 - Landscape orientation
 - Font: 11pt Arial
 - Line Spacing: 1.5
 - B. Content of Qualifications:
 - Specific technical capabilities of the firm(s) for the project;
 - Prior demonstrated experience in accomplishing similar projects;
 - Demonstrated timeliness on similar projects;
 - Demonstrated ability to find cost saving/cost effective and sustainable solutions;
 - Examples of effective services rendered during the construction phase of projects engineered by the firm;
 - Identification and qualifications of employees proposed to be assigned on the projects;
 - Identification and qualifications of sub-consultants proposed to be used on the project, and
 - Demonstrated knowledge of local conditions, especially knowledge relevant to project scope;
 - Demonstrated ability to fulfill M/WBE goals.

A committee appointed by the Director of Public Works and Engineering will review the submittals and recommend the most highly qualified submitting firms for selection.

A pre-submission meeting will be held from 2:00 – 3:00 PM on Monday, June 18, 2012 in the George R. Brown Convention Center, Rooms 360A,B,D,E to discuss this and other solicitations.

Deadline: Packages shall be submitted as described above in a sealed envelope with the RFQ number and firm name clearly identified on the outside of the envelope. They shall be addressed to the City of Houston, Department of Public works and Engineering, 611 Walker, 15th floor, Attention: Mr. Ravi Kaleyatodi, P.E., Senior Assistant Director, Houston, Texas 77002 and **will be received until 2:00 P.M. on July 9, 2012**. Any submissions received after this time will not be considered.

Selection No. R03

R-000265: Keegans Bayou Wastewater Treatment Plant (WWTP) Improvements

- **Project Location:** Keegans WWTP, Located at 9400 White Chapel LN, Key Map 530S
- **General Scope:** The engineering services for this project include the evaluation and the recommended improvements of the specific components of the existing wastewater treatment plant as follows:
 - Evaluation of all blowers serving aeration and digester basins to determine the required upgrades.
 - Investigation of the reason for the uneven pavement near the lift station, identify the recommended solution and the associated construction cost.
 - The required upgrades for the main lift station in compliance with the current City standards.
 - Replacement of both thickeners mechanisms including weirs and baffles.
 - Replacement of telescopes and the leaking valves.
 - The required upgrades for the non-potable water system.
 - Evaluation of the plant scum collection/removal system and the recommended improvements.
- **Anticipated Milestones:**
 - Initiation of Engineering: FY13
 - Initiation of Construction: FY16

Selection No. R04

R-000265: Greenridge Wastewater Treatment Plant (WWTP) Improvements

- **Project Location:** Greenridge WWTP, Located at 6301 Fuqua, W., Key Map 571 X
- **General Scope:** The engineering services for this project include the evaluation and the recommended improvements of the specific components of the existing wastewater treatment plant as follows:
 - Replacement of the sagging concrete walkways around the aeration basin structures.
 - The required upgrades for the non-potable water system.
- **Anticipated Milestones:**
Initiation of Engineering: FY13
Initiation of Construction: FY16

Selection No. R05

R-000265: Metro Central Wastewater Treatment Plant (WWTP) Improvements

- **Project Location:** Metro Central WWTP, Located at 12815 Galveston Road, Key Map 617C
- **General Scope:** The engineering services for this project include the evaluation and the recommended improvements of the specific components of the existing wastewater treatment plant as follows:
 - The required upgrades for the non-potable water system.

R-000265: Upper Braes Wastewater Treatment Plant (WWTP) Improvements

- **Project Location:** Upper Braes WWTP, Located at 13525 W. Houston Center, Key Map 529A
- **General Scope:** The engineering services for this project include the evaluation and the recommended improvements of the specific components of the existing wastewater treatment plant as follows:
 - Installation of motor operated valves on all clarifier gates.
 - The required upgrades for the non-potable water system.

R-000265: White Oak Wastewater Treatment Plant (WWTP) Improvements

- **Project Location:** White Oak WWTP, Located at 7103 Gulf Bank Road, W., Key Map 411N
- **General Scope:** The engineering services for this project include the evaluation and the recommended improvements of the specific components of the existing wastewater treatment plant as follows:
 - Replacement of the structural supports for the air header/catwalk over the aeration basins.

R-000265: Kingwood West Wastewater Treatment Plant (WWTP) Improvements

- **Project Location:** Kingwood West WWTP, Located at 26808 Sorters Road, Key Map 295V
- **General Scope:** The engineering services for this project include the evaluation and the recommended improvements of the specific components of the existing wastewater treatment plant as follows:
 - Installation of a second influent bar screen in compliance with TCEQ requirements.
- **Anticipated Milestones:**
 - Initiation of Engineering: FY13
 - Initiation of Construction: FY16

Selection No. R06

R-000265: Sagemont Wastewater Treatment Plant (WWTP) Improvements

- **Project Location:** Sagemont WWTP, Located at 11700 Sagarbor, Key Map 576Z
- **General Scope:** The engineering services for this project include the evaluation and the recommended improvements of the specific components of the existing wastewater treatment plant as follows:
 - Evaluation of all blowers and air distribution piping to determine the required upgrades.
 - The required upgrades for the clarifier #3 and addition of the motor operated valves.
 - The required upgrades of the lift station in compliance with the current City standards.
 - Replacement of the inlet piping on clarifiers #1 and #2.
 - The addition of the bleach containment for the pump room.
 - Evaluation of the required improvements for the existing automated back-wash filters.
- **Anticipated Milestones:**
 - Initiation of Engineering: FY13
 - Initiation of Construction: FY16

Selection No. R07

R-000265: Willowbrook Wastewater Treatment Plant (WWTP) Improvements

- **Project Location:** Willowbrook WWTP, Located at 7101 W. Greens Road, Key Map 370K
- **General Scope:** The engineering services for this project include the evaluation and the recommended improvements of the specific components of the existing wastewater treatment plant as follows:
 - Replacement of the existing clarifier mechanisms and addition of a second clarifier complete in place.
 - Evaluation of the source of odor within the plant and recommended corrective improvements.
- **Anticipated Milestones:**

Initiation of Engineering: FY13
Initiation of Construction: FY16

Selection No. R08

R-000265: Southwest Wastewater Treatment Plant (WWTP) Improvements – Package 3

- **Project Location:** Southwest WWTP, Located at 4211 Beechnut, Key Map 531P
- **General Scope:** The engineering services for this project include the evaluation and the recommended improvements of the specific components of the existing wastewater treatment plant as follows:
 - Evaluation of the Claravac system in the chlorine contact basins and recommended system improvements.
 - Upgrade the existing SCADA system to meet current City Standards, including all hardware and software, Ethernet and fiber optic cables.
 - Required upgrades and/or addition of dissolved oxygen meter in aeration basins and SCADA monitoring capability.
 - Required upgrades for the SCADA monitoring for the sludge level detectors in clarifiers.
 - Evaluation of the existing reactor mixers efficiencies and recommendations for high efficiency mixers.
 - Evaluations of the required upgrades for the influent lift station to meet the current City of Houston requirements.
- **Anticipated Milestones:**

Initiation of Engineering: FY13
Initiation of Construction: FY16