



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 10/2/2023

Q31260 - Professional Engineering Services for Water Modeling and Field Support
(Arcadis U.S., Inc.) - ORDINANCE

Agenda Item#:

Background:

Request for Qualifications received November 17, 2022, for P05-Q31260 - Approve an ordinance awarding a contract to Arcadis U.S., Inc. in the maximum contract amount of \$5,674,298.00 for professional engineering services for water modeling and field support for Houston Public Works.

Specific Explanation:

The Director of Houston Public Works (HPW) and the Chief Procurement Officer recommend that City Council approve an ordinance awarding a **three (3) year contract with two (2) one-year options to renew to Arcadis U.S., Inc. for an initial funding amount of \$2,550,000.00 and a maximum contract amount of \$5,674,298.00** for professional engineering services for water modeling and field support for HPW. The initial funding amount will fund the first two (2) years and a portion of the third year of the initial term of the contract; Houston Public Works will return to City Council if additional funding becomes available to fund the remaining years.

The scope of work requires the contractor to update the City's water system model, provide technical support for drinking water planning activities and develop a transient model of the City's drinking water transmission system. The contractor will also develop an integrated database for operational, water production, water main break, and customer account service data along with an integrated dashboard for operational and work order data for real-time flow, pressure, and water quality monitoring.

The Request for Qualifications (RFQ) was advertised in accordance with the State of Texas bid laws and as a result, responses were received from Arcadis U.S., Inc., BGE, Inc., Brown and Caldwell, Freese and Nichols, Inc., KIT Professionals, and Lockwood, Andrews & Newnam, Inc.

The Evaluation Committee consisted of members from Houston Public Works, Houston Information Technology Systems and Administration and Regulatory Affairs. The responses were evaluated based on the following criteria:

- Responsiveness of Submission
- Technical Competence

Arcadis U.S., Inc. received the highest overall score and was deemed the best qualified firm to meet the requirements outlined in the RFQ.

M/WBE Participation:

This RFQ was advertised with a 12% goal for M/WBE participation. Arcadis U.S., Inc. has designated the below-named companies as its certified M/WBE subcontractors.

Name	Type of Work	Percentage
Fivengineering, LLC	Engineering Consulting Services	9%
Aurora Technical Services, LLC	Construction management, commercial and institutional building, and Engineering Services	9%
	Total	18%

Pay or Play Program:

The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case the contractor will provide health benefits to eligible employees in compliance with City policy.


Hire Houston First:

This procurement is exempt from the City's Hire Houston First Ordinance because this expenditure involves the use of professional engineering services.

Fiscal Note:

Funding for this item is included in the FY2024 Adopted Budget. Therefore, no Fiscal Note is required, as stated in the Financial Policies.

10/26/2023


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Jerry Adams, Chief Procurement Officer
 Finance/Strategic Procurement Division

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Carol Ellinger Haddock, P.E., Director
 Houston Public Works

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ESTIMATED SPENDING AUTHORITY

Department	FY2024	Out-Years	Amount
Houston Public Works	\$510,000.00	\$2,040,000.00	\$2,550,000.00

Amount and Source of Funding:

\$2,550,000.00

Water and Sewer System Operating Fund
 Fund No. 8300

Contact Information:

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ATTACHMENTS:

Description	Type
Q31260 - Certification of Funds	Financial Information
Q31260 - Ownership Form	Financial Information
Q31260 - Clear Tax Report	Financial Information
Q31260 - MWBE Plan	Financial Information
Q31260 - OBO Plan	Financial Information
Q31260 - Drug Forms	Financial Information
Q31260 - 1295 form confirmed	Financial Information
Q31260 - Award Recommendation Letter	Financial Information
Q31260 - Insurance Forms	Signed Cover sheet
Q31260 - POP Forms	Backup Material