



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District E

Item Creation Date: 3/12/2021

HPW – 20SD151 PES / Ardurra Group, Inc.

Agenda Item#:

Background:

SUBJECT: Professional Engineering Services Contract between the City and Ardurra Group, Inc. for Southeast Water Purification Plant (SEWPP) Improvements – Roof Replacement, Fluoride Room Rehabilitation, Monofill Closure and Other Miscellaneous Improvements.

RECOMMENDATION: An ordinance approving a Professional Engineering Services Contract with Ardurra Group, Inc. for Southeast Water Purification Plant (SEWPP) Improvements – Roof Replacement, Fluoride Room Rehabilitation, Monofill Closure and Other Miscellaneous Improvements and appropriate funds.

PROJECT NOTICE/JUSTIFICATION: This project is part of the City's Capital Improvement Program to improve operability, maintainability and reliability for the Southeast Water Purification Plant and to comply with the Texas Commission on Environmental Quality and Surface Water Treatment Rule mandated by the United States Environmental Protection Agency and to meet existing and future water demand requirements.

DESCRIPTION/SCOPE: This project consists of providing professional engineering and related services associated with the design improvements or rehabilitation at Southeast Water Purification Plant (SEWPP). The scope will include evaluation and Preliminary Engineering Report (PER) of but not limited to the following: Roof replacement at several key buildings, high service pump station and transfer pump station building HVAC improvements, treatment module No. 1 improvements, treatment module No. 2 (TM 2) caustic metering pumps replacement, existing evaporator replacement, emergency safety shower/eyewash, flow switches and alarm improvements, return flow pump station A upgrade, plant process water system improvements, filter valve improvements. The addition of a ground storage tank (GST-4100) isolation valve and closure of the existing monofill site.

LOCATION: The project area is located at 3100 Genoa Red Bluff Road, Houston, Texas 77034.

SCOPE OF CONTRACT AND FEE: Under the scope of the Contract, the Consultant will perform Basic and Additional Services, as applicable, for Phase I - Preliminary Design, Phase II - Final Design, and Phase III -Construction Phase Services. This requested appropriation is for Phase I – Preliminary Design Basic and Additional Services. The Basic Services fees for Phase II and Phase III will be negotiated on a lump sum amount after the completion of Phase I.

The Basic and Additional Services fees are being funded for Phase I only of this contract.

The total Basic Services Fee for Phase I is based on the cost of time and materials with a not-to-exceed agreed upon amount of \$423,173.00.

The total Additional Services Fee for Phase I, to be paid either as lump sum or on a reimbursable basis is \$37,760.00. The Additional Services include, but are not limited to Technical Review Committee, special licenses and permits, asbestos and lead survey, document reproduction, and other additional engineering services.

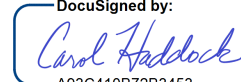
The total cost for Phase I is \$483,979.65 to be appropriated as follows: \$460,933.00 for Contract services and \$23,046.65 for CIP Cost Recovery.

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 provides health benefits to eligible employees in compliance with City policy.

M/WBE PARTICIPATION: The standard M/WBE goal for the project was 24.00%. The Consultant has proposed a 28.62% plan to meet the M/WBE goal.

<u>Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Total Contract</u>
1. Azcarate & Associates Consulting Engineers LLC, dba AACE	Mechanical Engineering Services	\$19,017.00	4.13%
2. Gurrola Reprographics, Inc.	Printing Prepress Services; Reprographic Services	\$7,500.00	1.63%
3. Kalluri Group, Inc.	Engineering Services	\$90,493.00	19.63%
4. KIT Professionals, Inc.	Engineering Services	<u>\$14,880.00</u>	<u>3.23%</u>
TOTAL		\$131,890.00	28.62%

FISCAL NOTE: No significant Fiscal Operating impact is anticipated as a result of this project.

DocuSigned by:
 6/15/2021
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 Carol Ellinger Haddock, P.E., Director
 Houston Public Works

WBS No. S-000012-0032-3

Amount of Funding:

\$483,979.65 - Fund No. 8500 – Water and Sewer System Consolidated Construction

Contact Information:

R. Jeff Masek, P.E., CCM
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 Phone: (832) 395-2387

ATTACHMENTS:

Description	Type
SAP Documents	Financial Information
Maps	Backup Material
OBO Documents	Backup Material
Form B	Backup Material
Ownership Information & Tax Report	Backup Material
Pay or Play	Backup Material
Form 1295	Backup Material