



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District E

Item Creation Date: 1/10/2023

HPW - 20SD179 / Amendment / Ardurra Group, Inc.

Agenda Item#:

Background:

SUBJECT: First Amendment to the 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: Approve the First Amendment to the Professional Engineering Services Contract with Ardurra Group, Inc. 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 SEWPP 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 professional engineering and related services associated with the design improvements or rehabilitation at SEWPP. The scope will include the evaluation and Preliminary Engineering Report of but not limited to: Roof replacement at several key buildings, High Service Pump Station and Transfer Pump Station building Heating, Ventilation, and Air Conditioning Improvements, Treatment Module No. 1 Improvements, Treatment Module No. 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, and 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.

PREVIOUS HISTORY AND SCOPE: City Council approved the original contract on June 30, 2021, under Ordinance No. 2021-0568. The scope of services under the original contract consisted of Phase I - Preliminary Design Basic and Additional Services.

SCOPE OF THIS AMENDMENT AND FEE: Under the scope of this Amendment, the Consultant will accomplish the updated scope of work reflecting two independent packages for construction documents. The Consultant will complete Phase II Final Design and Phase III Pre-Construction/Construction Administration Services for Construction Documents Package 1 and Phase I Preliminary Engineering Report, Phase II Final Design and Phase III Pre-Construction/Construction Administration Services for Construction Documents Package 2. The original appropriation only funded Phase I Preliminary Engineering Report of Package 1. A fee of \$2,294,179.00 is budgeted for Basic Services and \$251,706.00 for Additional Services.

The total requested appropriation is \$2,673,179.25 to be appropriated as follows: \$2,545,885.00 for contract services and \$127,294.25 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 M/WBE goal established for this project is 24.00%. The original contract amount totals \$460,933.00. The Consultant has been paid \$313,529.00 (68.02%), of this amount, \$120,690.00 (38.49)% has been paid to M/WBE sub-contractors to date. Assuming approval of the requested additional appropriation, the contract amount will increase to \$3,006,818.00. The Consultant proposes the following plan to meet the M/WBE goal.

<u>Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Total Contract</u>
Paid Prior M/WBE Commitment		\$ 120,690.00	4.01 %
Unpaid Prior M/WBE Commitment		\$ 7,423.00	0.25 %
1.Azcarate & Associates Consulting Engineers, LLC,	HVAC, Plumbing, and Fire Protection	\$ 342,655.00	11.40 %

DBA, AACE			
2. Ally General Solutions, LLC	Site topographic survey	\$ 52,070.00	1.73 %
3. Isani Consultants, L.P.	Site Civil Design, SWPPP, Storm Water On-Site Detention and Storm Water Quality	\$ 111,424.00	3.71 %
4. Kalluri Group, Inc.	Engineering	\$ 383,559.00	12.76 %
5. Civitas (formerly KIT Professionals, Inc.)	Process Mechanical Design	\$ 71,477.00	2.38 %
6. Geotest Engineering, Inc.	Geotechnical Investigation	\$ 12,000.00	0.40 %
7. Gurrola Reprographics, Inc.	Reproduction Services	\$ 12,500.00	0.42 %
	TOTAL	\$1,113,798.00	37.04 %

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

DocuSigned by:
 10/13/2023
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Carol Ellinger Haddock, P.E., Director
 Houston Public Works

WBS No. S-000012-0032-3

Prior Council Action:

Ordinance No. 2021-0568, Dated 06-30-2021

Amount and Source of Funding:

\$2,673,179.25 - Fund No. 8500 - Water and Sewer System Consolidated Construction Fund

Original appropriation of \$483,979.65 from Fund No. 8500 - Water and Sewer System Consolidated Construction.

Contact Information:

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 Phone: (832) 395-2365

ATTACHMENTS:

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