



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:
District D, District H
Item Creation Date: 5/22/2024

HPW – 20WWP11 Amendment / Arcadis U.S Inc.

Agenda Item#:

Background:

SUBJECT: First Amendment to the Professional Engineering Services contract between the City and Arcadis U.S Inc. for Work Order Engineering Services for Capacity Remedial Measures Plan (CRMP) for Package 04.

RECOMMENDATION: Approve the First Amendment to the Professional Engineering Services contract with Arcadis U.S Inc. and appropriate funds.

PROJECT NOTICE/JUSTIFICATION: This project is part of the CRMP for the City of Houston and is required to identify improvements necessary to address Recognized Capacity Constraints Areas (RCCAs). The work to be performed under this contract is necessary to maintain compliance with Houston's proposed wastewater consent decree with the EPA and TCEQ.

DESCRIPTION/SCOPE: The project is located within the Almeda Sims and 69th Street Wastewater Treatment Plant (WWTP) Service Areas for different constraint areas including but not limited to Area 2 (Wrightwood Area), Area 3 (University of Houston Downtown Area), and Area 4a (Upstream of MacGregor Way No. 1 Lift Station Area). The Consultant shall provide services related to the CRMP, prepare engineering and technical documentation and collaborate with the City and its contractors.

LOCATION: Area 2 (Wrightwood Area) is bound by Parkview Street on the North, White Oak Drive on the South, IH-45 on the East and Houston Avenue on the West. Area 3 (University of Houston Downtown Area) is bound by IH-10 on the North, Franklin Street on the South, Main Street on the East and Louisiana Street / IH 10 Ramp on the West. Area 4a (Upstream of MacGregor Way No.1 Lift Station Area) is bound by Macgregor Drive on the North, Holcombe Boulevard on the South, Almeda Road on the East and Macgregor Drive on the West.

PREVIOUS HISTORY AND SCOPE: City Council approved the original contract on February 24, 2021 under Ordinance No. 2021-0137. The scope of services under the original contract consisted of evaluating the capacity of the existing Wastewater Collection and Transmission Systems (WCTS) within the study area. In addition, the scope of services included the consultant identifying improvements necessary to address RCCAs to be implemented immediately and identifying improvements in the WCTS that are hydraulically connected to the RCCAs, which would be implemented in future phases as set forth in the wastewater consent decree with the EPA and TCEQ. The scope of work under this work order contract also consisted of the consultant performing Phase I - Preliminary Engineering Services based on the cost of time and materials with a not-to-exceed agreed upon amount.

Under this contract, the Consultant has accomplished identification of capacity constraints areas for the Almeda Sims and 69th Street WWTP Service Areas and recommended resolutions that generated three (3) Houston Public Works Capital Projects for an estimated construction cost of \$477 million. These projects have been submitted to the EPA for approval on schedule as per Consent Decree and transferred to Houston Public Works Capital Projects to complete design and construction phases. Houston Public Works Capital Projects has selected an Engineer of Record (EOR) for each project.

SCOPE OF THIS AMENDMENT AND FEE: Under the scope of this First Amendment, the Consultant will accomplish the following: Since the transfer of the previously mentioned projects to Houston Public Works Capital Projects, the need has been identified to keep the CRMP consultant until the EORs complete design phases. The CRMP consultant will be responsible to provide required communication and bridge services to all EORs and the City of Houston so that all recommended projects, as submitted to the EPA under the Consent Decree, would stay in their scope, budget and schedule. During Phase I - Preliminary Design and Phase II – Final Design, CRMP consultant will participate with the Stakeholders, EORs, and other agencies as needed. This Amendment will also replace project description reference to Beltway WWTP with the correct reference of 69th Street WWTP.

The total requested appropriation for contract services is \$1,500,000.00.

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 28.66%. The original contract amount totals \$1,500,000.00. The Consultant has been paid \$1,249,564.00 (83.30%). Of this amount, \$381,432.00 (30.53%) has been paid to M/WBE sub-contractors to date. Assuming approval of the requested additional appropriation, the contract amount will increase to \$3,000,000.00. 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		\$381,432.00	12.72%
Unpaid Prior M/WBE Commitment		\$ 48,568.00	1.62%
1. Amani Engineering, Inc.	Engineering Services by Staff Augmentation	\$214,900.00	7.16%
2. Gunda Corporation, LLC, an Ardurra Group, Inc. Company	Engineering Services by Staff Augmentation	\$214,900.00	7.16%
TOTAL		\$859,800.00	28.66%

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

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Randall V. Macchi, Chief Operating Officer
 Houston Public Works

WBS No. R-000020-0075-3

Prior Council Action:

Ordinance No. 2021-0137, dated 02-24-2021

Amount and Source of Funding:

\$1,500,000.00 - Fund No. 8500 – Water and Sewer System Consolidated Construction Fund.

Original appropriation of \$1,575,000.00 from Fund No. 8500 – Water and Sewer System Consolidated Construction Fund

Contact Information:

<u>Name</u>	<u>Service Line</u>	<u>Contact Number</u>
Roberto Medina, Interim Chief of Staff	DO-HPW Government Relations	832.395.2456
Maria Perez, HPW Agenda Coordinator	DO-HPW Government Relations	832.395.2282
Akhter Hussain, Supervising Engineer	HPW- Houston Water	832.395. 2294

ATTACHMENTS:

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