



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 3/22/2021

Q29487 North Canal High Flow Diversion Channel Hazard Mitigation Grant Program
Project

Agenda Item#:

Background:

Request for Qualifications received June 18, 2020 for S83-Q29487 - Approve an ordinance appropriating \$1,138,658.16 out of the Dedicated Drainage and Street Renewal Capital Fund - Drainage Charge and approving and authorizing a Professional Engineering Services Contract to HDR Engineering Inc. for the North Canal High Flow Diversion Channel project.

Specific Explanation:

The Director of Houston Public Works and the Chief Procurement Officer recommend that City Council approve an ordinance appropriating \$1,138,658.16 out of the Dedicated Drainage and Street Renewal Capital Fund - Drainage Charge and approving and authorizing a four (4) year professional engineering services contract with two (2) one-year options to HDR Engineering, Inc. for the North Canal High Flow Diversion Channel project. The Director of Public Works and/or Chief Procurement Officer may terminate the contract at any time upon thirty (30) days written notice to the contractor.

The North Canal High Flow Diversion Channel project is located in downtown Houston at the confluence of White Oak and Buffalo Bayous. This project will reduce the long-term risk of future flood losses to structures, especially at the confluence of Buffalo and White Oak Bayous and includes three (3) primary components: North Canal Channel Diversion, South Canal Channel Diversion/Detention, and upstream improvements along White Oak Bayou at both the Yale Street and Heights Boulevard bridges.

This project is part of the Federal Emergency Management Administration's (FEMA) Hazard Mitigation Grant Program (HMGP). The Texas Division of Emergency Management (TDEM) is the recipient of HMGP funding, and the City is the sub-recipient. The funding for project costs is based on a 35.15% federal and 64.85% local cost share.

The City is partnering with the Harris County Flood Control District (HCFCD), the Texas Department of Transportation (TxDOT), and Tax Increment Reinvestment Zone Number 5 (TIRZ No. 5) to implement the Project. Agreements between the City and each partner defining their roles and responsibilities, including financial participation in non-federal project costs, are under development and will be brought to Council for approval.

The current appropriation is only for City Phase I Preliminary Design for the Design Consultant; subsequent appropriations will be requested to provide Real Estate support and Phase II Final Design services.

Project Schedule

Completion of City of Houston Phase I (Preliminary Design): March 28, 2022

Completion of City of Houston Phase II (Final Design): May 22, 2023

The Request for Qualifications (RFQ) was advertised in accordance with the State of Texas bid laws, and as a result, responses were received from eight (8) firms:

- Binkley & Barfield
- CivilTech Engineering
- FiveEngineering
- Freese & Nichols
- HDR Engineering, Inc.
- LJA Engineering
- RPS
- Zarinkelk

The evaluation committee consisted of evaluators from Houston Public Works, Mayor's Office, and Parks & Recreation. The evaluation was based upon the following criteria:

1. Responsiveness of Submission
2. Technical Competence

The total cost of this authorization is \$1,726,445.81 as follows: \$1,672,223.99 for Contract services and \$54,221.82 for CIP Cost

Recovery.

M/WBE Participation:

This RFQ was advertised with a (24%) percentage goal for M/WBE participation. HDR, Inc. has designated the below-named companies as its certified M/WBE subcontractors:

SUBCONTRACTOR	TYPE OF WORK	PERCENTAGE
Aurora Technical Services	Utility relocation support/engineering	5.71%
CSF Consulting	Structural engineering	4.17%
EJES Inc.	General civil support	2.75%
Geotest Engineering	Geotechnical engineering support	3.12%
Gunda Corporation	General engineering, H&H support, transp. engineering	6.40%
Gupta & Associates	Electrical engineering support	2.56%
Kuo & Associates	Survey & general civil support	6.33%
Talley Landscaping Architects	Landscape architect support	1.57%
		Total 32.61%

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:

Hire Houston First does not apply to this expenditure because it may involve the use of federal funds and is subject to specific procurement rules of the federal government.

Fiscal Note:

No Fiscal Note is required on grant items. WBS# M-43E101-0001-3

DocuSigned by:

Jerry Adams

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Jerry Adams, Chief Procurement Officer
Finance/Strategic Procurement Division

DocuSigned by:

Carol Haddock

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

DS
JG

Amount of Funding:

\$587,787.65

Federal State Local - HPW Pass thru DDSR

Fund No. 5430

\$1,138,658.16

Dedicated Drainage and Street Renewal Capital Fund - Drainage Charge

Fund No. 4042

Contact Information:

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ATTACHMENTS:

Description

HDR - MWBE Documents

HDR - Form B

HDR - Ownership Form

HDR - Delinquent Tax Report

HDR - Secretary of State

North Canal Project Vicinity Map

North Canal Project Location Map

Type

Backup Material

Backup Material

Backup Material

Backup Material

Backup Material

Backup Material

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