



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:
District B, District E, District I
Item Creation Date: 6/23/2020

HAS - Construction Contract with Flatiron Constructors, Inc. for Airfield Pavement Repairs
at IAH, HOU, and EFD; Project No. 460C

Agenda Item#:

Background:

Recommendation:

Enact an ordinance approving a Construction Contract for Houston Airport System (HAS) Airfield Pavement Repairs with Flatiron Constructors, Inc., in the sum of \$31,613,372.00, and appropriating \$15,806,686.00 for the FY2021 phase of the project. An appropriation for the second phase, also totaling \$15,806,686.00, will be requested in FY2022.

Specific Explanation:

The aircraft travel lanes at George Bush Intercontinental Airport/Houston (IAH), William P. Hobby Airport (HOU), and Ellington Airport (EFD) have exceeded their useful life. In order to maintain safe passageway for air traffic and to meet the minimum Federal Aviation Regulations (FAR139) certification criteria, major repairs must be performed until full reconstruction can be accomplished.

This project (460C) was previously awarded to James Construction (now Primoris Heavy Civil) (contract #4600014415) on June 2, 2017 with a contract value of \$7,651,135.88 for airfield repairs at IAH only. On April 5, 2018, by agreement of all parties, the contract was terminated for convenience, and \$81,564.74 was paid in undisputed claims. The remaining funds of \$7,569,71.14 were returned to the HAS Renewal & Replacement Fund (Fund 8010).

In order to move the project forward, a request for Competitive Sealed Proposals (CSP) for HAS Airfield Repairs was advertised on August 9, 2019 and August 16, 2019. The new solicitation includes airfield repairs for IAH, HOU, and EFD. On October 25, 2019, one (1) response was received, from Flatiron Constructors, Inc.

The Evaluation Committee evaluated the proposal using the following evaluation criteria in accordance with pre-established evaluation procedures set forth in the Request for Competitive Sealed Proposal:

- Company Experience
- Staffing/Key Personnel
- Construction Services
- Price

The scope of services to be performed by Flatiron Constructors, Inc. includes intermediate full depth concrete panel and asphalt replacements, spall repairs, joint sealant replacement, saw cutting, lighting, drainage facilities, signage, pavement markings, security, safety, and demolition/disposal throughout the airfields.

The term of the Contract is 767 calendar days including administrative notice to proceed, site construction, and administrative close outs.

Project Costs:

The total project cost is \$31,613,372.00, which includes the construction contract bid amount of \$27,212,872.00, the owner's contingency of \$2,538,000.00, The FAA project management fee of \$300,000.00, the quality control and material testing budget of \$1,000,000.00, and safety cash allowances of \$562,500.00. Funding of this project will be appropriated in phases. The current request is that City Council approve the FY2021 appropriation. In Fiscal Year 2022, City Council will be asked to approve the FY2022 appropriation. Both actions are listed below:

FY2021:

\$13,606,436.00	Construction
\$ 1,269,000.00	Contingency
\$ 150,000.00	FAA Project Management Fee
\$ 500,000.00	Quality Control/Material Testing
\$ 281,250.00	Safety Cash Allowances
\$15,806,686.00	FY2021 TOTAL

FY2022:

\$13,606,436.00 Construction
 \$ 1,269,000.00 Contingency
 \$ 150,000.00 FAA Project Management Fee
 \$ 500,000.00 Quality Control/Material Testing
 \$ 281,250.00 Safety Cash Allowances
 \$15,806,686.00 FY2022 TOTAL

Pay or Play:

This contract requires compliance with the City's "Pay or Play" ordinance regarding health benefits for employees of City contractors. In this case, the contractor has chosen both the "Pay" and "Play" options.

Material Testing Services Contract:

Material testing services will be provided by Terracon Consultants, Inc., under Contract Agreement #4600014307.

MWSBE Participation:

The MWBE goal for this project is 34%. The participation plan submitted by Flatiron Constructors, Inc. will utilize the following subcontractors:

Firm	Class	Type of Work	Contractual Agreement	%
LP Commercial	MBE	Barricades, Geogrid, Rebar, and Materials	\$1,355,201.03	4.98
Romar Unlimited	MBE	Trucking	\$1,009,597.55	3.71
C&C Traffic Control	MBE	Security, Flagging, AOA Gate Control	\$1,148,383.20	4.22
GMJ Paving Co.	MBE	Asphalt Paving	\$2,005,588.67	7.37
Atser LP	MBE	Quality Controls	\$261,243.57	0.96
Brooklyn Sweeps	MBE	Site Cleaning	\$1,298,053.99	4.77
		Sub Total MBE	\$7,078,068.01	26.01
Simron Oil & Gas	WBE	Fuel Supplier	\$566,027.74	2.08
AGS Consultants	WBE	Surveying	\$1,069,465.87	3.93
		Sub Total WBE	\$1,635,493.61	6.01
Aggregate Tech	SBE	Concrete Saw Cuts	\$261,243.57	0.96
Stripes & Stops Co.	SBE	Pavement Markings	\$966,056.96	3.55
		Sub Total SBE	\$1,227,300.53	4.51
		Total Goal	\$9,940,862.15	36.53

Capital Fiscal Note:

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

Director's Signature:

DS
BB

DocuSigned by:

Mario Diaz

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Mario C. Diaz
Houston Airport System

DocuSigned by:

Andy Iken

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Andy Iken
Chief Development Officer

Prior Council Action:

N/A

Amount of Funding:

\$15,806,686.00
 HAS Renewal & Replacement Fund
 Fund 8010

Contact Information:

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