



CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 12/19/2023
District C, District D
Item Creation Date: 12/6/2023

E33115 - Traffic Control Products (Texas Highway Products) - MOTION

Agenda Item#: 8.

Background:

P23-E33115 – Approve the purchase of traffic control products from Texas Highway Products through the Cooperative Purchasing Agreement with Buyboard in the total amount of \$332,500.00 for Houston Public Works.

Specific Explanation:

The Director of Houston Public Works (HPW) and the Chief Procurement Officer recommend that City Council approve the purchase of traffic control products through the Cooperative Purchasing Agreement with Buyboard in the total amount of **\$332,500.00** for Houston Public Works (HPW), and that authorization be given to issue a purchase order to Texas Highway Products.

This is for the purchase of a new vehicle detection and analytic package with intelligence self-calibrating sensors that can leverage multiple inputs of next generation video and radar, coupled with the most advanced Artificial Intelligence edge processor and algorithms. Also, NoTraffic detection applications dashboard enabled through Virtual Management Center that will allow for signal optimization, travel time data collection, traffic signal priority programming, emergency vehicle preemption programming as well as automated traffic signal performance measures.

The technology combined hardware-software solutions platform will transform any traffic signal into a smart infrastructure capable of understanding the complete traffic picture and respond in real time to all road users, including detection and segmentation of bikes, cars, buses, pedestrians, and emergency vehicles.

Traffic control parts for the Old Spanish Trail (OST) corridor, which includes 9 intersections:

- Kirby Dr
- N. Stadium Dr
- David M Underwood
- Greenbriar Dr
- Fannin St
- Bertner Ave
- Cambridge St
- Mixon Ave
- Alameda/FM521

This recommendation is made pursuant to subsection 271.102© of the Texas Local Government Code, which provides that “a local government that purchases goods or services from a cooperative purchasing program or organization satisfies any state law requiring the local government to seek competitive bids for the purchase of the goods or services.”

MWBE Participation:

Zero percentage goal-document approved by the Office of Business Opportunity.

Hire Houston First:

This procurement is exempt from the City’s Hire Houston First Ordinance. Bids/proposals were not solicited because the department is utilizing an Interlocal/Cooperative Purchasing Agreement for this purchase.

Fiscal Note:

Funding for this item is included in the FY24 Adopted Budget. Therefore, no Fiscal Note is required as stated in the Financial Policies.

12/11/2023

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Jedediah Greenfield, Chief Procurement Officer
Finance/Strategic Procurement Division

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

12/12/2023

DS

Estimated Spending Authority:			
Department	FY2024	Out Years	Total
Houston Public Works	\$332,500.00		\$332,500.00

Amount and Source of Funding:

\$332,500.00

Dedicated Drainage and Street Renewal Fund – Metro et al
Fund No.: 2312

Contact Information:

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Jedediah Greenfield, Chief Procurement Officer	Finance/SPD	(832) 393-9126

ATTACHMENTS:

Description	Type
E33115 - Quote	Backup Material
E33115 - COOP	Backup Material
E33115 - Form A	Financial Information
E33115 - Ownership Information Form	Backup Material
E33115 - Tax Report	Backup Material
E33115 - Conflict of Interest Form	Backup Material
E33115 - Approved MWBE Waiver	Backup Material