



CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 6/6/2017

ALL

Item Creation Date: 5/17/2017

L23931 - Enterprise License Agreement - ORDINANCE

Agenda Item#: 71.

Background:

S17-L23931 - Approve an ordinance awarding a sole source contract to Environmental Systems Research Institute, Inc. (ESRI) in an amount not to exceed \$3,480,000.00 for an enterprise license agreement for Houston Information Technology Services servicing various other departments.

SPECIFIC EXPLANATION:

The Chief Information Officer and the Chief Procurement Officer recommend that City Council approve an ordinance awarding a **three-year** sole source contract to **Environmental Systems Research Institute, Inc. (ESRI)** for an enterprise license agreement in an amount not to exceed **\$3,480,000.00** for Houston Information Technology Services servicing various other departments. The Chief Procurement Officer and/or Chief Information Officer may terminate this contract at any time upon 30-days written notice to the contractor.

ESRI GIS products are mapping and special analytics tools that allow city departments to overlay data onto maps of geographic areas. GIS is used to improve decision making, service delivery, and citizen engagement by applying and sharing location-based analysis of city services, transactions, and processes.

This contract provides ongoing software version upgrades, security patches, technical support, technical and end user training, tools to facilitate integration with 3rd party products, and new GIS toolsets including, but not limited to Insights for ArcGIS, GeoAnalytics Server, and Navigator for ArcGIS which are complimentary inclusions to the GIS Enterprise License Agreement. The software includes on premise, cloud, and mobile components.

GIS is currently utilized extensively by the following departments:

- **Houston Police** for geographic context to computer aided dispatch of citizen calls for police service and crime analysis by location, type of offense, etc.
- **Houston Fire** for geographic context to computer aided dispatch of citizen calls for fire service and analysis of fire incidents by location, type, etc.
- **Planning and Development** for creating and maintaining many city administrative boundaries (city limits, council district, super neighborhood, historic districts, as well as supporting city businesses, such Planning Commission, Historical Commission, Census, Annexation, etc.
- **Public Works and Engineering** for a wide variety of asset, infrastructure, and maintenance documentation, including calls for service for water, street, sewer, drainage, pothole repair, etc.
- **Administration & Regulatory Affairs** for 311 service request mapping, providing drill down capabilities for request status and resolution.
- **Aviation** for airfield FAA regulatory pavement condition assessments and tracking, as well as a wide variety of asset, infrastructure and maintenance documentation.

The following are planned projects to be implemented during the contract term:

- **HPD Situational Awareness GIS Environment** - HPD plans to deploy an internal ArcGIS based platform for situational training, using crime patterns, service calls, event information, etc.
- **PWE GIS Expansion & Road Network Solution** - PWE is looking to expand their usage of GIS to support a broad range of operations from situational awareness, mobile apps, real-time SCADA data feeds, and more.
- **HAS FAA Compliance** - The FAA requires all airports to maintain an extensive ArcGIS database of the runways, taxiways, obstructions, buildings, etc.
- **ArcGIS Online Expansion** - Increase the number of named user licenses by 500.

BACKGROUND

In April 2007, an executive order was signed authorizing the creation of a City of Houston Enterprise Geographic Information System (EGIS) to be maintained by Houston Information Technology Services. The long-term goal was to create a regional Geographic Information System (GIS) environment that supports the sharing of data, GIS services and resources such as applications and programs among city departments, area governments, utilities and related agencies. Environmental Systems Research Institute, Inc. (ESRI) is the industry leader for GIS software and is the standard enterprise GIS product adopted by the City of Houston.

The scope of work requires the contractor to provide all labor, materials, equipment and supervision to support ELA. Additionally, the contractor will provide available services, including production, consulting, training, or royalty-based products excluded under the ELA. The ELA will provide GIS to the City with unlimited use of the current suite of ESRI software products, with only minor exceptions.

This recommendation is made pursuant to Chapter 252, Section 252.022 (a) (7) (A) "a procurement of items that are available from only one source, including: items that are available from only one source because of patents, copyrights, secret processes, or natural monopolies" of the Texas Local Government Code for exempted procurements.

M/WBE Participation:

M/WBE Zero Percentage Goal approved by the Office of Business Opportunity.

Pay or Play Program:

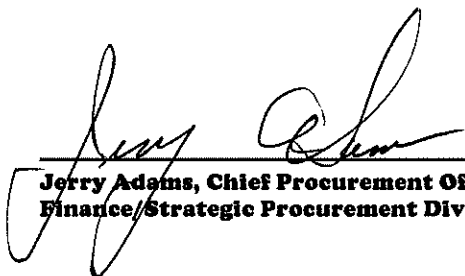
The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City Contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

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 a sole source for this purchase.

Fiscal Note:

Funding for this item is included in the FY2017 Adopted Budget. Therefore, no Fiscal Note is required as stated in the Financial Policy Ord. 2014-1078.


Jerry Adams, Chief Procurement Officer
Finance/Strategic Procurement Division**Department Approval Authority**

Estimated Spending Authority			
DEPARTMENT	FY2017	OUT YEARS	TOTAL
Houston Information Technology Service	\$960,000.00	\$2,520,000.00	\$3,480,000.00

Amount of Funding:

\$3,480,000.00

Central Service Revolving Fund (1002)

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ATTACHMENTS:**Description**

OBO Documents

Fair Campaign

Form B

Sole Source Letter

Sole Source Justification

Budgeting Information

Type

Backup Material

Backup Material

Backup Material

Backup Material

Backup Material

Backup Material