



CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 11/9/2021

District B, District E, District I

Item Creation Date: 10/25/2021

HAS – Spending Authority for Purchase of Technology Related Products and Services through Texas DIR

Agenda Item#: 2.

Background:

RECOMMENDATION:

Approve spending authority in an amount not to exceed \$1,281,744.98 the purchase of technology related products and services through the State of Texas Department of Information Resources (DIR) cooperative purchasing contracts.

SPECIFIC EXPLANATION:

The Director of the Houston Airport System and the Chief Procurement Officer recommend that City Council approve spending authority in the amount not to exceed \$1,218,744.98 for the purchase of hardware, software, maintenance, and warranty through the Texas Department of Information Resources (DIR). The spending authority will be utilized for purchase orders to DIR contract-holders Dell Marketing, LP, FreeIT Data Solutions, Inc. and EMC Corporation.

This purchase will add two new servers growing the William P. Hobby Airport (HOU) Access Control system capacity and fault tolerance. This purchase request will also replace seven backup servers that have reached end of its useful life. The warranty and software maintenance will increase the useful life of Servers, Storage Arrays, a Tape Library, and allow technical support and patches for infrastructure applications, VMware and Veeam.

Items in the DIR purchase include:

- HOU Physical Security Access Control System & CCTV Server (Dell) - \$159,524.52
Expands the Hobby Access Control System cluster from five nodes to seven, providing additional capacity. Once installed the total useable capacity will increase by 20%, allowing for additional camera servers to run on the cluster. Also, the number of servers that could fail in the cluster doubles from 1 to 2, providing additional fault tolerance.
- HAS Printers and Tapes (Dell) - \$78,115.60
Purchase of printers for deployment in small office scenarios with low employee counts that require print/fax/scan capabilities. Tapes are the backup media for long term archive data storage that are offline once removed from the tape library.
- HAS line of business Server and End of Life Backup Repository Servers (Dell) - \$144,671.50
Provides additional servers to line of business production VMware cluster providing additional compute resources for running more servers and applications. This request will procure seven replacement servers used to write backup data to storage area network. Veeam Backup software moves data from the production storage network to the back up storage area using these seven repository servers.
- Software Maintenance and Hardware Warranty Renewal (Dell, EMC and FreeIT) - \$535,719.84
Extends software maintenance of VMware virtualization technology and Veeam Backup and Replication providing support and updates as they become available. To increase the value of already purchased hardware, additional warranty is part of this package adding another year of service to the equipment. Extending the software maintenance and support allows for HAS to continue having an escalation path for support as well upgrades and patches for the applications.
- Nutanix AHV Appliance (FreeIT) - \$166,731.77
Provides a hyperconverged virtualization technology similar to VMware at a lower cost. This appliance will be used to isolate Backup Server infrastructure from production hardware. Four node cluster will allow multiple server instances to run on the platform and further isolate our current Veeam backup infrastructure from VMware. This will add another layer of security to HAS' backup environment.
- Cohesity Backup Appliance (FreeIT) - \$133,981.75
Provides backup services for Nutanix AHV, VMware and Hyper-v virtualization technologies. These backups are protected by an immutable storage system, preventing changes to the backups. Cohesity is a simpler backup strategy providing data storage purported to be unchangeable and to repel encryption style attacks.

These items were presented to the City Council Transportation, Technology, and Infrastructure (TTI) Committee meeting on October 7, 2021.

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 Purchasing Agreement for this purchase.

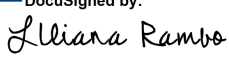
M/WBE Subcontracting:

An M/WBE Zero-Percent Goal was approved by the Office of Business Opportunity.

Fiscal Note:

Funding for this item is included in the FY2022 Adopted Budget. Therefore, no Fiscal Note is required as stated in the Financial Policies.

Director's Signature:

DocuSigned by:

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 Mario C. Diaz
 Houston Airport System

 Jerry Adams
 Chief Procurement Officer

 Andy Icken
 Chief Development Officer

Estimated Spending Authority			
DEPARTMENT	FY2022	OUT YEARS	TOTAL
Houston Airport System	\$1,218,744.98	\$0.00	\$1,218,744.98

Amount and Source of Funding:

\$ 963,144.67 HAS Revenue Fund (8001)
 \$ 255,600.31 HAS-AIF Capital Outlay Fund (8012)
 \$1,218,744.98 TOTAL

Contact Information:

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ATTACHMENTS:

Description	Type
Signed Coversheet	Signed Cover sheet
TTI Committee Presentation	Backup Material
OBO Documentation	Backup Material
Attachment A	Financial Information
Ownership Information Form - Dell	Backup Material
Ownership Information Form - EMC Corporation	Backup Material
Ownership Information Form - FreeIT	Backup Material