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TTI Presentation

City of Houston

Houston Airport System
Information Technology Division
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HAS FY21 DIR Technology Infrastructure Procurement

Vendors	**Dell Marketing LP and FreeIT Data Solutions, inc.**
Purpose:	**Council Action will**: • Authorization to purchase IAH Physical Security Access Control & CCTV Server Replacement • Authorization to purchase HAS Workstations, Monitors, Printers, and Accessories • Authorization to purchase HAS Server Replacement & Storage Expansion • Authorization to purchase HAS Flight Information Displays (FIDS) Workstations • Authorization to purchase Software Maintenance, Hardware Warranty Renewal • Authorization to purchase HPE Nimble Storage Array
Procurement	**DIR –** Dell Marketing LP and FreeIT Data Solutions, inc.
Contract Amount	$2,266,690.61
Terms	1 Time purchase
MWBE	0% goal

Texas Department of Information Resources (DIR)

- Texas Department of Information Resources supports Texas government by offering innovative and cost-effective solutions for all levels of government.

- TX DIR every several years solicits Requests for Quotes for goods and services relating to technology and then negotiates "best prices" in which various governmental entities can utilize, or make more stringent, the negotiated terms and conditions of the TX DIR contracts.

- Dell and FreeIT are two of the TX DIR interlocal contracts that HAS desires to use for FY21 technology hardware purchases.

- Since the purchase is hardware, software and licenses, the Office of Business Opportunity did not find availability for minority participation (0% MWBE goal), however we will be using our HAS IT Professional Services contract for installation oversight of this procurement which has a MWBE participation of 24%.

IAH Physical Security Access Control System & CCTV Server

- Transportation Security Administration (TSA) requires airports to comply with strict security regulations such as requiring physical access control system that grants and/or denies access based on individual identity.

- Access Control System and camera server environment for IAH was purchased in 2013/14 as part of the Advanced Surveillance Program.

- The end-of-life hardware consisted of 32 servers and 4 Compellent storage arrays in Terminal C and Admin Buildings.

- This hardware replacement will reduce our compute platform from 32 servers to 20, and the CPU counts from 140 to 40.

- This reduces our software licensing, maintenance, and overall management costs of the platform while increasing the overall server performance.

HAS Workstations, Monitors, Printers, and Accessories

- Annual PC replacement/deployment of desktops, laptops, printers, and accessories. Purchase will replace end of useful life hardware and provide equipment for new hires/projects

HAS Server & Storage Expansion

- Provides server expansion for line of business VMware cluster, provides additional hardware fault tolerance and compute capacity.

HAS Flight Information Displays Workstations

- Annual PC replacement for the flight information display workstations, machines operate 24 hours a day, to ensure reliable operation machines are replaced frequently.

Software Maintenance and Hardware Warranty Renewal

- Extends software maintenance of VMware virtualization technology and Veeam Backup and Replication, providing support and updates as they become available. Hardware warranty extends the useful life of the hardware and provides technical support and part replacement.

HAS Storage HPE Nimble Storage Array

- HPE Nimble Storage Array provides the HAS line of business applications with higher performance needs with additional disk I/O performance over standard storage infrastructure.

HAS FY21 DIR Technology Infrastructure Procurement

1. IAH Physical Security Access Control System & CCTV Server: $1,467,978.94 (Dell)

2. HAS Workstations, Monitors, Printers, and Accessories: $86,432.80 (Dell)

3. HAS Server & Storage Expansion: $293,850.91 (Dell)

4. HAS Flight Information Displays Workstations: $34,106.20 (Dell)

5. Software Maintenance and Hardware Warranty Renewal: $279,698.67(Dell and FreeIT)

6. HAS Storage HPE Nimble Storage Array: $104,623.09 (FreeIT)

Total DIR request: $2,266,690.61