

10/7/2020

TTI Presentation

City of Houston

**Houston Airport System
Information Technology Division**

HAS FY22 DIR Infrastructure Procurement

Vendors	Dell Marketing LP, EMC Corporation and FreeIT Data Solutions, inc.
Purpose:	<p>Council Action will:</p> <ul style="list-style-type: none"> • Authorization to purchase Hobby Physical Security Access Control & CCTV Server expansion • Authorization to purchase HAS Backup Tapes and Printers • Authorization to purchase HAS Server Replacements • Authorization to purchase HAS Server Expansion • Authorization to purchase Software Maintenance, Hardware Warranty Renewal • Authorization to purchase Nutanix AHV Appliance • Authorization to purchase Cohesity Backup Appliance
Procurement	DIR – Dell Marketing LP, EMC Corporation and FreeIT Data Solutions, inc.
Contract Amount	\$1,218,745.37
Terms	1 Time purchase
MWBE	TBD

FY22 Non-Capital (Fund 8001)

- Hardware Warranty Extensions for IAH Servers, Storage, and Tape Library supporting Enterprise and ACS environments
- Software Renewal Veeam Availability Suite, backs up servers/data
- Software Renewal VMWARE, allows multiple server instances to run on a single physical server and provides fault tolerance
- 500x LTO 6 Tapes for Tape Library and Printers



FY22 Capital (Fund 8012)

- 2x Dell VxRail nodes to expand the Hobby Access Control Cluster providing additional capacity and failover
- 3x Dell Blades for Admin Enterprise Cluster
- 7x Dell Rack Mount servers to replace End of Life Veeam Repository servers in Terminal C
- 1x Cohesity Backup Appliance, with immutable backup storage, simpler design and administration
- 1x Nutanix AHV 4 node cluster, Vmware alternative, will run Veeam Availability suite backing up the server farms. Further isolating the backup infrastructure.



HAS FY22 DIR Technology Infrastructure Procurement



1. Hobby Physical Security Access Control System & CCTV Server: \$159,524.52 (Dell)
2. HAS Backup Tapes and Printers: \$78,115.60 (Dell)
3. HAS Server Replacements: \$79,672.15 (Dell)
4. HAS Server Expansion: \$64,999.35 (Dell)
5. Software Maintenance and Hardware Warranty Renewal: \$535,719.84 (Dell, EMC Corporation and FreeIT)
6. HAS Nutanix AHV Appliance: \$166,731.77 (FreeIT)
7. HAS Cohesity Backup Appliance: \$133,982.14 (FreeIT)

Total DIR request: \$1,218,745.37

Questions?

