

Meeting Date (?) 01/26/2016

Subject Matter* (?) Enterprise Data Storage Equipment Purchase
This must match rolling agenda entry

Department of Origin* INFORMATION TECHNOLOGY

Submitted By* Cray Crouse

Type of Meeting* BCD Special Regular

Classification* Public Hearing Consent Statutory Regular

Ordinance* None First Read Second Read First & Only Read

Strategic Initiative* Public Safety Service
 Economic Development Infrastructure
 Quality of Life

Agenda Item Description* Consider approving the purchase of network storage expansion units from Carahsoft in the amount of \$65,492.

Summary Statement* In FY15, a pair of Nimble E300 network storage units were purchased to increase the City storage capacity and increase server performance, specifically for the City's email environment. This system was purchased with a capacity of 60 Terabytes. As of January 2016, the system capacity is being exceeded by 57% with a projection to exceed capacity by 75% by the end of FY16.

To maintain the strategic plan of migrating additional systems over to this storage, and to stay ahead of ever-growing storage needs, the Information Technology (IT) Department requests approval to purchase expansion units equaling 90 Terabytes to bring our total Nimble system storage capacity to 150 Terabytes. The purchase is from Carahsoft via the Department of Information Resources (DIR) contract number DIR-SDD-2035.

The cost of the two (2) expansion units is \$65,492 and are included in the IT budget for FY16.

The DIR was created by the State of Texas to ensure the effective and efficient use of public funds for information technology services and equipment through the application of statewide services and technologies with emphasis on cooperative purchasing projects. The Interlocal Cooperation Act, Texas Government Code, Chapter 791, authorizes local governments to directly contract with DIR enabling participating entities to take advantage of the purchasing power of the State of Texas. Procuring information technology products and services through DIR contracts saves the City time and money as all products offered have been subjected to a competitive bid process with vendors offering substantial discounts to all participating entities based on the State's anticipated volume of purchases.

Staff Analysis & Recommendation* Storage capacity planning requires staying ahead of the curve on space because it takes time to procure and install the equipment. Staff plans for no more than a 50% to 60% usage capacity to accommodate a complete disaster that would require adequate fail-over to unused capacity available at a moment's notice. Over time, the City's storage needs will continue to grow and this purchase is part of a long term strategy to maintain the pillars of the City's technology infrastructure, Network/Compute/Storage, in an effort to provide resources to all departments so they can provide the necessary service to citizens. Based on this premise, the IT Department respectfully recommends the City Council approve this purchase.

The contrary option would be to not approve the purchase. If the purchase is not approved, the result is setting storage limits that force City staff to manage file growth and limit number of additional services provided in the future.

Options*

(In Suggested Order of Staff Preference)

- 1) Approve the Purchase
- 2) Do not approve the purchase

Funding Source*

FY16 General Fund, IT Departmental Budget (as budgeted)

Attachments

Carahsoft - Quote 7624612.pdf

165.01KB

DIR-SDD-2035 Contract.pdf

1.84MB

Please detail attachments and note attachments available for viewing in City Secretary's Office:

1. Carahsoft - Quote 7624612.pdf
2. DIR-SDD-2035 Contract.pdf

Dept. Head Signature



Bernie Acre

**Deputy City Manager
Signature**



Hugh R. Walker

City Manager Signature



Hugh R. Walker

City Attorney Signature



Janis K. Hampton