Memo

To   City Council and Administration

From   Carl R. Ray, Water and Wastewater Director

Date   10/14/2025

Subject   **Award Recommendation for Network Storage Refresh**

The Water and Wastewater Departments use network storage for backup of servers, computers, shared documents, and storage of virtualization files. The existing Network Attached Storage (NAS) is at capacity. At the end of life, and does not accommodate some file types that need to be stored. A network storage refresh was proposed and incorporated into the 2025 budget with a budget on $32,000 total ($16,000 each from the Water and Wastewater Departments).

Bid documents were prepared and the bid advertised. Bids were opened on October 8th 2025 at 2:00 pm. We received bids from seven vendors with one vendor submitting three proposals. Bids ranged from $19,688.28 to $97,967.85 (see attached bid tab). Sanity Solutions, Inc. was the low bidder and met or exceeded bid specifications. The vendor was contacted to verify technical details of the bid and satisfactorily answered all questions.

We recommend awarding to bid for the network storage equipment to Sanity Solutions, Inc. in the amount of $19,688.28.

Network Storage Refresh Bid Tab

	ANM Solutions	CDW-G NetApp HA System	CDW-G Dell Unity 380 Hybrid DPE DS	CDW-G Dell Unity 380 Hybrid	Dreadnought Endeavors	ePlus Technology, Inc	LH Computer Solutions	Mvation	Sanity Solutions
Storage-Allow Windows, Linux, & Vmware File Types:									
- - 6x 800GB Flash SSDs	Yes				960GB	14x 1.92TB NVMe SSD Drives in a 2RU Chassis (24 total internal drive bays)	smaller quantity of higher capacity drives - improve performance, expandability & reduce power consumption	Yes	Modified - 12X 1.92TB
- - 10x 1.8TB 10K SAS SSDs	Yes				1.92TB		2U rack mount w/12 slots	Yes	SSDs delivering 16.84TB
- - 15.14 TB Usable Capactiy - 9 Slots Free	Yes				Exceeds: >15.14TB usable	16.84 TiB Usable Capacity	6 X 3.8TB SSD 13.7TB Usable (19.5 TiB)	Yes	of usable capacity
Max Performance									
- - 14,062 OPS	Yes				Appliance should deliver well over 50K IOPS	Estmated 178,093.22 Max IOPS/3,478.38 MCps Throughout	Yes	Yes	Yes - Exceeds
Data Protection									
RAID 5	Yes				Yes	Exceeds - NetApp uses RAID-DP	Yes - Exceeds	Yes	Yes - Exceeds
Networking									
CNA 4X 10GbE OPT SFPs	Yes				8x 10GbE SFP+ ports (4 per controller)	Yes	Includes 2x 10GbE SFP+ ports; CNA not supported	Yes	Yes
2X4 PORT IO 10GBASET	Yes				Yes	Yes	Includes 2x 10GBASET ports	Yes	Yes
Power Supply									
Dual (1+1) High Line Power	Yes				Yes	Yes	Yes	Yes	Yes
120 VAC	Yes				Yes	Yes	Yes	Yes	Yes
Licensing									
All Inclusive Licensing	Yes				Yes	Exceeds - Includes ONTAP one	Yes	Yes	Yes
Deployment & Support									
3 Years Support & 4-Hour Onsite Service	Yes				Yes	36 months of SupportEdge Advisor w/NBD parts replacement	Offering 3-Years of Next Business Day On-Site	Yes	Yes
Hardware Warranty									
3-Years	Yes				5 year warranty	Yes	Yes	Yes	Yes
Data Center Rack Cabinet Enclosure									
42U Deep Rack - 600mm wide X 1200mm - Black w/Sides & Doors	Yes				Yes	Yes	Yes	Yes	Yes
Total Price Including Delivery	*$97,967.85*	*$65,424.07*	*$36,146.38*	*$36,366.24*	*$33,528.00*	*$54,760.73*	*$28,000.00*	*$37,005.01*	*$19,688.28*
		$30,193.04							