

MEMORANDUM

Date: April 8th, 2026
To: David Billingsley - Chief Procurement Officer
Through: Christopher Andres, P.E., Division Manager – Water Reclamation.
From: Guy Mecabe, Industrial Automation Manager – Water Reclamation.
Sonia Flores-Alba, Systems Manager – Water Reclamation
Subject: Request to purchase Dell Storage Area Networks (SANs) for VMware Infrastructure in Iron Bridge.

PURPOSE

This memorandum requests approval for the procurement of the replacement of two Dell SANs for the Iron Bridge Water Reclamation Facility VMware system in our SCADA network.

This procurement will be processed under the NASPO contract. Dell manufactures this equipment in the United States, and the Davenport Group is a certified Dell reseller.

BACKGROUND

Our current virtual infrastructure, which hosts 90% of the server infrastructure for the Water Reclamation Administration Division, relies on Storage Area Networks (SANs) to store the configuration files and data for our critical SCADA system virtual servers. Currently, we operate one SAN in the Iron Bridge operations building and another one in the administration building to ensure redundancy and disaster recovery capabilities.

The existing SAN units have reached their end-of-life, and the manufacturer's warranties have expired and can no longer be extended. To maintain system reliability and manufacturer support, we have budgeted for their replacement.

We have selected two Dell PowerVault ME5224 units as the replacement. The selection of these SANs is based on the following:

- Scalability: The PowerVault ME5224 architecture is designed for future growth. These units allow for seamless expansion as our data needs evolve, ensuring the division does not outgrow its hardware prematurely.
- System Compatibility: These SANs are fully compatible with our existing VMware environment, ensuring a seamless deployment and simplified long-term maintenance.
- Operational Continuity: As we are replacing existing Dell hardware with updated Dell models, the team is already familiar with the interface and configuration requirements, necessitating minimal additional training.
- Long-term Support: We have requested a five (5) year warranty for both units to ensure hardware protection and rapid part replacement through the life of the devices.



These replacements are essential to prevent potential downtime of the applications required by end users to perform their daily operations.

VENDOR

Davenport Group, 104 Belfast Street, Lewisburg, TN 37091, USA, is an authorized vendor for Dell. The NASPO contract number is 43210000-23-NASPO-ACS.

SCOPE OF WORK

Two (2) PowerVault ME5224 16Tb SANs with five (5) years of support.

Total for the solution: \$178,864.00

If you have any questions, please call me at (321) 231-5785.

Cc: Daron Johnson, Assistant Division Manager (WPO) - Water Reclamation
Jamie Birmingham, Business Manager - Water Reclamation