



Engineering, Operations and Technology
Committee

Storage Infrastructure Refresh Project

Item 7-2

April 7, 2025

Item 7-2

Authorize an agreement with Red8

Subject

Authorize an agreement with Red8 in an amount not to exceed \$850,000 for the implementation of the Data Storage Infrastructure Refresh project.

Purpose

Replace end-of-life data storage equipment and switches.

Recommendation and Fiscal Impact

Authorize an agreement with Red8 in an amount not to exceed \$850,000 for the implementation of the Data Storage Infrastructure Refresh project.

Fiscal Impact: Expenditures of \$850,000 in capital funds for FY 24/25 and 25/26 are planned and budgeted.

The action is budgeted.

Background & Reasons for Replacement

- Digital storage is used by all Metropolitan applications, such as SCADA, Oracle EBS, PeopleSoft, and Business Intelligence Reporting, among other critical applications
- The total capacity of the digital storage system is currently 1,187 TB. Out of it, 667 TB (56%) of this digital storage is going out of manufacturer support in July 2025
- New storage provides better processing speed which will help improve the overall performance of systems during business hours
- Accommodate future data growth across all business applications
- New storage infrastructure has additional monitoring, alerting, and up-to-date cyber security functions

Solicitation Process & Vendor Selection

- Utilizing Dell NASPO Master Agreement 23026, Red8 was selected and is a preferred partner of Dell Technologies
- Red8 has expertise in installing and configuring Dell storage solutions both in public and private organizations

Agreement Scope

- Install and configure 790 Terabytes of new Dell's digital storage system (PowerStore-5200)
- Upgrade network switches that will be used by new PowerStore-5200 storage

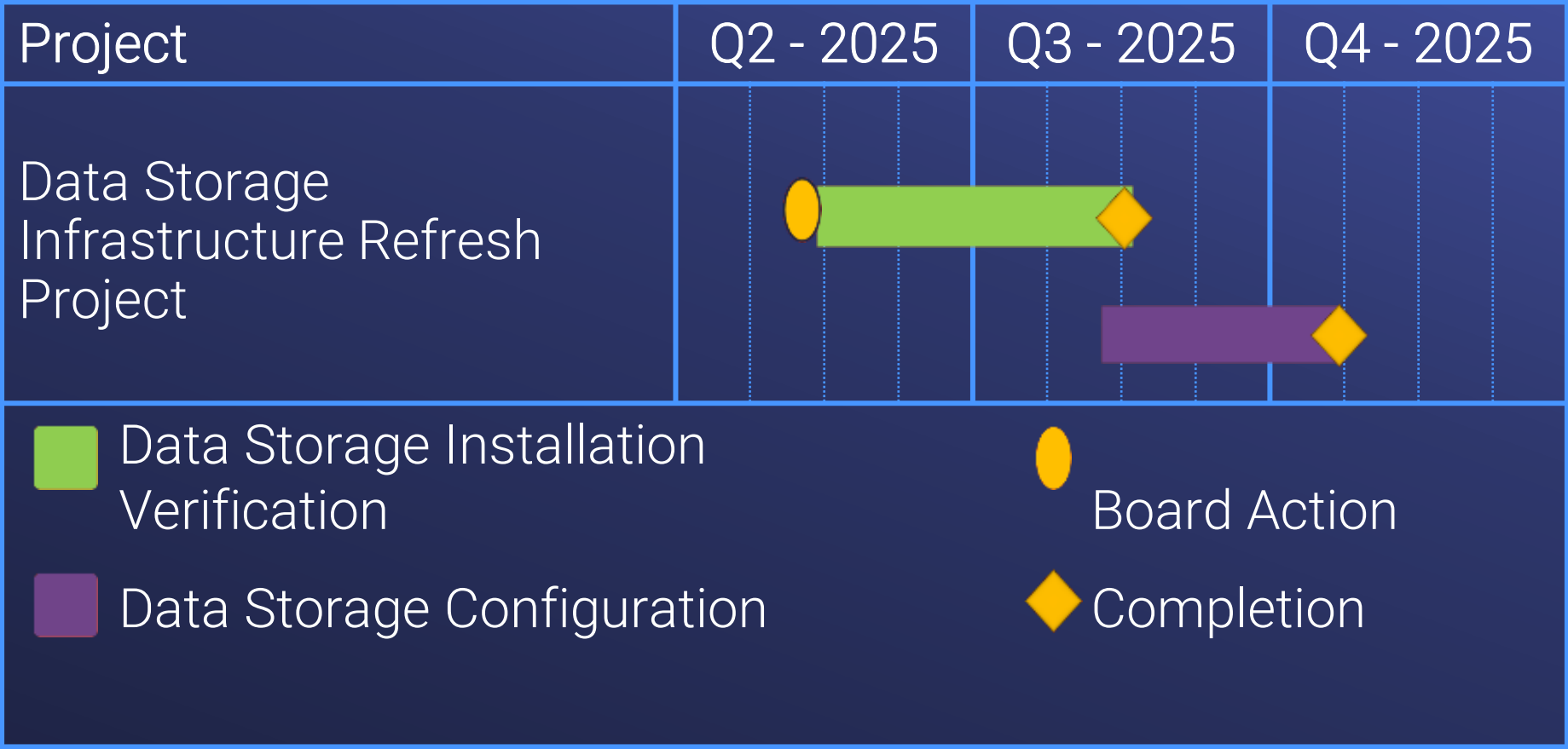
Project Cost

Data Storage Infrastructure Refresh Project

Vendor - Red8	\$ 850,000.00
Metropolitan Staff	\$ 50,000.00
Contingency	\$ 85,000.00

Total \$ 985,000

Project Schedule



Board Options

Option #1

- Authorize an agreement with Red8 in an amount not to exceed \$850,000 for the implementation of the Data Storage Infrastructure Refresh project

Option #2

- Do not proceed with the Storage infrastructure refresh project.
- Impact: It will leave Metropolitan with part of the storage infrastructure unsupported, which will significantly increase maintenance and support issues for business-critical applications. No storage will be available for future data growth for all applications.

Staff Recommendation

- Option #1

