![Midpeninsula Regional Open Space District logo] Midpeninsula Regional
Open Space District

R-23-120
Meeting 23-30
October 25, 2023   **REVISED**AGENDA ITEM 3

AGENDA ITEM

Award of Contract to Roundstone Solutions Inc., for new Computer Servers, Software, and
Support Services.

GENERAL MANAGER'S RECOMMENDATIONS *dew*

1. Authorize the purchase of an integrated 3-node computer server hardware system for the
    administrative office, with 60 months of 24/7 hardware support and onsite installation, for an
    amount not-to-exceed $238,715~~225,555~~.

2. Authorize the purchase of four computer servers for field offices, with 60 months of 24/7
    hardware support and onsite installation, for an amount not-to-exceed $104,267~~99,880~~.

3. Authorize the purchase of 12 NVIDIA vPC GPU licenses for 60 months to support high
    performance server virtualization, for an amount not-to-exceed $9,750.

SUMMARY

The Midpeninsula Regional Open Space District's (District) current computer servers are seven
years old and approaching the manufacturer's end-of-life. In addition, there is a need for modern
server hardware to better support the District's enterprise systems and AI processing. The
proposed purchase is critical to maintaining IT operations. The General Manager recommends
purchasing five new computer servers, with accompanied software and support services, for an
aggregate total not-to-exceed amount of $352,732~~35,185~~. Computer servers, software and
support services would be purchased from Roundstone Solutions Inc., using the NASPO
cooperative purchasing contract. There is insufficient funding in the FY24 adopted project
budget ($273,476) to cover the cost of the recommendations under the District Office Server
Refresh Project. If approved, staff will prepare a budget adjustment during a quarterly review to
shift unspent funds from other projects to address the funding gap. This project is scheduled to
be completed this fiscal year.

DISCUSSION

The District's current Nutanix servers, purchased in 2016, are approaching manufacturer's end-
of-life, which means they will soon no longer be eligible for critical software security updates or
hardware support. This would result in security vulnerabilities and potential system failures.
Over the last 7 years, the Nutanix servers have provided a robust and reliable server
infrastructure, simplifying system management without unnecessary complexity, enabling IST
staff to provide high availability of virtual servers as a crucial resource for daily operations. The

District relies on local servers to run multiple enterprise systems, including GIS, Cityworks, file shares, SharePoint backups, print services, and patch management, as well as maintaining the legacy financial system.

The District will continue to use Nutanix servers, due to its proven reliability and internal familiarity with its systems management. The new servers would come equipped with multiple high-end graphic processing units (GPU), improving performance of the District's Enterprise GIS and supporting machine learning or AI based tasks. This purchase includes:

- An integrated three-node computer server hardware system for the administrative office;
- Four computer servers (one for each field office), which provide the basic network functions to keep field office IT systems operational;
- 60 months of 24/7 hardware support;
- Installation support services; and
- 12 NVIDIA vPC GPU licenses for 60 months to support high-performance server virtualization.

The new servers would be procured from Roundstone Solutions Inc., a local Nutanix reseller who provided pricing using the NASPO cooperative purchasing contract (7-17-70-40-05). Section IV.C of the Board Purchasing Policy 3.03, *Public Contract Bidding, Vendor and Professional Consultant Selection, and Purchasing Policy* provides that the District may "join in cooperative purchasing agreements with other public agencies (e.g., the State of California, counties, cities, schools, or other special district) to purchase goods or services at a price established by that agency through a competitive bidding process". This provides cost savings to the District and reduces staff time required to conduct an extensive bid process.

FISCAL IMPACT

There is insufficient funding in the FY24 adopted project budget to cover the cost of the recommendations. The FY24 adopted budget includes $273,476 for the District Office Server Refresh Project. If approved, staff will prepare a budget adjustment during a quarterly review to shift unspent funds from other projects to address the funding gap.

District Office Server Refresh Project	Prior FY Actuals	FY24 Adopted	FY25 Projected	FY26 Projected	Estimated Future FYs	TOTAL
District Funded (Fund 40):	$0	$273,476	$0	$0	$0	**$273,476**
Total Budget:	**$0**	**$273,476**	**$0**	**$0**	**$0**	$273,476
Spent-to-Date (as of 09/28/23):	$0	$0	$0	$0	$0	**$0**
Encumbrances:	$0	$0	$0	$0	$0	**$0**
Roundstone Contract:	$0	($3**52,732**~~35,185~~)	$0	$0	$0	(**$3**52,732~~35,185~~)

Budget Remaining (Proposed):	$0	($79,25661,709)	$0	$0	$0	($79,25661,709)

This project is not funded by Measure AA.

PRIOR BOARD COMMITTEE REVIEW

None

PUBLIC NOTICE

Public notice of this Agenda Item was provided as required by the Brown Act.

CEQA COMPLIANCE

This item is not a project subject to the California Environmental Quality Act.

NEXT STEPS

Upon Board authorization, the General Manager will direct staff to purchase a 3-node computer server hardware system and four computer servers for the field offices. Upon delivery of the new servers, IST staff will work with Nutanix implementation teams to install, configure and migrate the virtual servers from the old servers. Upon completion of the migration, the old servers will be decommissioned and retired from use.

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