



City Council Memorandum

City of Arts & Innovation

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: DECEMBER 17, 2019

FROM: INNOVATION AND TECHNOLOGY DEPARTMENT WARDS: ALL

SUBJECT: MEASURE Z - PURCHASE OF FIVE (5) DELL VXRAIL SERVERS FROM DELL, INC IN AN AMOUNT NOT TO EXCEED \$559,688.25

ISSUE:

Authorize the purchase of five (5) Dell VxRail servers from Dell, Inc., of Round Rock, Texas, under the NASPO ValuePoint Cooperative Purchasing Agreement MNWNC-108, in an amount not to exceed \$559,688.25.

RECOMMENDATIONS:

That the City Council:

1. Authorize the purchase of five (5) Dell VxRail servers from Dell, Inc., of Round Rock, Texas, under the NASPO ValuePoint Cooperative Purchasing Agreement MNWNC-108, in an amount not to exceed \$559,688.25; and
2. Authorize the City Manager, or designee, to execute all documents pursuant to this purchase, and to make minor non-substantive changes.

BACKGROUND:

The City's datacenters are responsible for storage, processing, and the distribution of large amounts of Citywide data (e.g. via databases, virtual environments, servers, etc.). The City currently maintains a primary datacenter, secondary datacenter, and a disaster recovery site. The amount of data processed and stored within the City is continually expanding. This requires upgrades to the primary data center equipment, including the disaster recovery site, to improve the City's continuity of operations.

DISCUSSION:

The purchase of the Dell VxRail server architecture bundles servers, storage, and virtual machine technologies into one package. This creates the next generation of data center virtualization, called Hyperconverged Infrastructure. This purchase is imperative to the success of the GIS Modernization project. This new hyperconverged infrastructure will support the data migration from the legacy CADME system to ESRI's ArcGIS platform, a modern GIS system that streamlines

and automates workflows, enables easy viewing and use of geospatial data, and enhances GIS reporting and analytic capabilities.

Furthermore, this platform aligns with the City's data center modernization efforts. The Dell VxRail servers will provide the following benefits:

- Improved data center scalability and flexibility
- Optimized performance
- Efficient storage
- Lower total cost of ownership
- Better organizational agility
- Faster resource provisioning
- Improved continuity of operations

Through research and due diligence, it was discovered that the City could expedite the purchase by procuring the servers directly from Dell, Inc., through the NASPO ValuePoint Cooperative Purchasing Agreement MNWNC-108. The NASPO multi-state cooperative purchasing program provides pre-negotiated discounts to participating agencies. This cooperative purchasing program has been competitively bid nationally and meets the City's procurement requirements under Purchasing Resolution 23256, Section 602(e), which provides that competitive procurement through the formal and informal procurement process shall not be required when "Cooperative Purchasing is available and undertaken or when Goods can be obtained through Federal, State and/ or other public entity pricing contracts or price agreements."

The City Purchasing Manager concurs that the recommendation to purchase is in compliance with Purchasing Resolution No. 23256.

FISCAL IMPACT:

The total fiscal impact of this action is \$559,688.25. Sufficient funds are available in the IT GIS Technology Upgrade Project Account No. 9907000-470696 in the amount of \$400,000 and IT-Administration Measure Z Technology Replacement Account No. 8003301-462310 in the amount of \$159,688.25.

Prepared by: George Khalil, Chief Innovation Officer
Certified as to availability of funds: Edward Enriquez, Chief Financial Officer/Treasurer
Approved by: Lea Deesing, Assistant City Manager
Approved as to form: Gary G. Geuss, City Attorney

Attachment: Quote No. 300005001199.4