




Agenda Item No: 5.d
Meeting Date: May 17, 2021

SAN RAFAEL CITY COUNCIL AGENDA REPORT

Department: Digital Service & Open Government

Prepared by: Vinh Pham,
Data & Infrastructure Manager

City Manager Approval: _____ 

TOPIC: SERVERS AND STORAGE AREA NETWORK (SAN) REPLACEMENT

SUBJECT: RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE A PURCHASE OF SERVERS AND NETWORK STORAGE EQUIPMENT THROUGH XANTRION, INC. AT A COST NOT TO EXCEED \$180,000

RECOMMENDATION: Adopt the Resolution authorizing the City Manager to execute a purchase of servers and network storage equipment through Xantrion, Inc. at a cost not to exceed \$180,000.

BACKGROUND: The Department of Digital Service and Open Government (Digital) currently uses a combination of Dell and Cisco equipment to host the City’s storage area network (SAN) and server environment providing general purpose computer network storage services for all City departments. The SAN environment is currently made up of three systems located at the Public Safety Center (PSC), City Hall, and Public Works (Morphew) facilities. One system is dedicated specifically to a Department of Justice-compliant network for the Police Department while the other two systems support network storage for all other departments. The SANs provide integrated services that are critical to network operation and hosting critical systems for City operations. Systems hosted in this environment include:

- RIMS Police Department Computer Aided Dispatch (CAD)
- Eden Citywide finance and payroll Enterprise Resource Planning (ERP) system
- TRAKiT Building permit and land resource management system
- HDL Business license software
- Centrac traffic control systems
- GIS systems.

The current SAN hardware has reached its end of life and the City requires a new solution for hosting software systems and on-premise network infrastructure citywide.

FOR CITY CLERK ONLY

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Disposition: _____

ANALYSIS: Digital has analyzed the current server and storage environment with Dell and our managed service provider, Xantrion, and determined there are high risks in data loss, data security, and performance with existing equipment. Current network storage and server equipment was purchased in 2014 and has been in continuous operation since then. These systems have reached the end of their service life cycle of seven years and are no longer supported by the vendors, Dell, Inc. and Cisco, Inc. Third party warranties can extend their service, however, without vendor support providing security updates, a third party approach creates a security risk for City data.

The Digital team has worked with Xantrion, the Police Department, and the Department of Justice (DOJ) in rethinking how our Police data can be stored in a new environment. Keeping an eye on the future growth of cloud data hosting, we have scoped a solution that accounts for on-premise data growth over the next seven years while also recognizing that many critical systems will be moving online in the near future. By consolidating the SAN in the Public Safety Center and City Hall into one storage environment and meeting DOJ data security requirements for Police Department data we are able to upgrade our network and hosting environment with a consolidated solution. This consolidation reduces the ongoing costs for equipment replacement, warranties, and support by an estimated \$115,000.

City of San Rafael Municipal Code Section 2.55.100(C) allows the City Council to waive competitive bidding for purchases of goods and services that can only be obtained from a sole source or that are specialty in nature. Because of the Xantrion, Inc.'s specialized knowledge of the City's network systems, a lower cost for this project can be achieved, and staff recommends that competitive bidding for this contract should be waived.

FISCAL IMPACT: The cost to replace the City SAN environment with this consolidated solution will not exceed \$180,000. This cost includes purchase/installation of new servers, storage devices, warranties, and support for the seven-year service life of all equipment. Funding is available through the Technology Fund – 601.

OPTIONS: The City Council has the following options to consider on this matter:

1. Adopt the resolution as proposed, approving the purchase of equipment through Xantrion, Inc.
2. Direct staff to return with more information.

RECOMMENDED ACTION: Adopt the resolution.

ATTACHEMENTS:

1. Resolution

RESOLUTION NO.

RESOLUTION OF THE SAN RAFAEL CITY COUNCIL AUTHORIZING THE CITY MANAGER TO EXECUTE A PURCHASE OF SERVERS AND NETWORK STORAGE EQUIPMENT FROM XANTRION, INC. AT A COST NOT TO EXCEED \$180,000

Whereas, the City current servers and storage environment provide integrated services that are critical for the City operations; and

Whereas, the City current servers and storage environment have been continuously running since 2014 and reached the 7 years end of service life cycle; and

Whereas, the City desires to purchase new servers and network storage equipment to replace similar equipment currently in use by the City; and

Whereas, Xantrion, Inc. is managing the City's network systems now, and its familiarity with the City's systems will allow Xantrion, Inc. to install the new equipment in substantially less time, and at a lower cost, than would be required if the City competitively bid for those services;

Whereas, Dell has partnered with Xantrion, Inc., to ensure configuration design and offer the best available pricing; and

Whereas, City of San Rafael Municipal Code Section 2.55.100(C) allows the City Council to waive competitive bidding for purchases of goods and services that can only be obtained from a sole source or that are specialty in nature. The purchase is specialty in nature because Xantrion, Inc. will be replacing existing equipment under Xantrion, Inc.'s support contract with the City. Xantrion, Inc.'s has specialized knowledge of the City's network systems, staff recommends that competitive bidding for this contract should be waived.

NOW, THEREFORE BE IT RESOLVED, that the San Rafael City Council waives competitive bidding and authorizes the City Manager to execute a purchase from Xantrion, Inc., for the desired servers and storage equipment for a total cost not to exceed \$180,000.

I, Lindsay Lara, Clerk of the City of San Rafael, hereby certify that the foregoing resolution was duly and regularly introduced and adopted at a regular meeting of the San Rafael City Council held on the 17th day of May 2021 by the following vote, to wit:

AYES: COUNCILMEMBERS:

NOES: COUNCILMEMBERS:

ABSENT: COUNCILMEMBERS:

LINDSAY LARA, City Clerk