

Agenda Report

June 1, 2020

TO: Honorable Mayor and City Council

FROM: Water and Power Department

SUBJECT: AUTHORIZATION TO ENTER INTO A PURCHASE ORDER CONTRACT WITH TRICADE TECHNOLOGY SOLUTIONS LLC TO FURNISH AND DELIVER HYPER-CONVERGED SECONDARY STORAGE AND COMPUTE EXPANSION FOR THE WATER AND POWER DEPARTMENT

RECOMMENDATION:

It is recommended that the City Council:

1. Find that the proposed action is not a project subject to the California Environmental Quality Act ("CEQA") pursuant to Section 21065 of CEQA and Sections 15060 (c)(2), 15060 (c)(3), and 15378 of the State CEQA Guidelines and, as such, no environmental document pursuant to CEQA is required; and,
2. Accept the bid dated March 26, 2020 submitted by Tricade Technology Solutions LLC in response to specifications for Hyper-converged Secondary Storage and Compute Expansion; ii) reject all other bids received; and, iii) authorize the City Manager to enter into a Purchase Order Contract not to exceed \$405,206, which includes the base contract amount of \$397,261 and a contingency of \$7,945 to provide for any necessary change orders.

BACKGROUND:

The City of Pasadena, Water and Power Department ("PWP") owns and maintains critical assets across many facilities that need to be protected and secured. Security at these facilities is also critical for employee safety. PWP servers store recordings for over 400 citywide security cameras installed at PWP and the Departments of Health, and Parks, Recreation and Community Services. The Network Attached Storage ("NAS") that stores these recordings, is nearing the end of its useful life and needs to be upgraded. At the same time, the server computing power needs to be expanded for high-demand workload such as camera video analytics. The Cohesity C6000 Series solution is a series of dense hybrid hyperconverged appliances that provides a total of 560TB usable storage for video surveillance camera recordings and the Dell VxRail E560 virtualization hardware provides the computing power used to process camera data feeds. This solution features a platform that combines the processing and storage hardware into one easy-to-manage platform that can be expanded without significant down time or disruption. The combined

technology reduces operational complexity and reduces overall system maintenance and operating costs.

This solution aligns with Department of Information Technology's Enterprise Building Security Management Capital Improvement Program ("CIP") and citywide enterprise standard for facilities access control and video surveillance. The demand for security systems at City facilities continues to grow. The storage and processing hardware must be replaced to keep the system operational and expand for future PWP and citywide video surveillance initiatives.

The Water and Power Department prepared specifications in accordance with PMC Section 4.08.060. On March 2, 2020, a Notice Inviting Bids was posted to Pasadena Journal, Pasadena Weekly and posted on the City's website via *PlanetBids*. No other local outreach was done. The electronic posting generated notices to more than 2,300 vendors, including 112 local vendors, and documents were downloaded by 24 vendors. Three bids were received by the March 26, 2020 deadline:

Vendor:	Bid Amount
Tricade Technology Solutions LLC, Pasadena, CA	\$397,260.21
Alpha Data Technologies, Los Angeles, CA	\$680,872.16
NTT America Solutions Inc., Glendale, CA	\$782,040.94

The bid submitted by Tricade Technology Solutions LLC was the lowest cost and met all requirements of the specifications. It is therefore recommended that a contract be awarded in the amount of \$405,206 which includes the bid amount plus two percent (2%) contingency for any unanticipated expenses. The proposed contract fully complies with the Competitive Bidding and Purchasing Ordinance, PMC Chapter 4.08 and the rules and regulations promulgated thereunder. The equipment proposed in the bid carries a warranty of three years from the commissioning date, and no maintenance expenses are expected during that time.

The City has awarded various contracts and purchase orders collectively valued at \$1.7 million to Tricade Technology Solutions LLC since 2010.

COUNCIL POLICY CONSIDERATION:

The proposed action supports the City Council Strategic Planning Goals to maintain fiscal responsibility and stability, and align with PWP's Strategic Initiatives to enhance customer satisfaction and confidence, improve efficiency and business continuity and maintain PWP's fiscal health and stability. The contract also supports the City Council goal to maintain and enhance public facilities infrastructure, and promote the quality of life in the City and increase its attractiveness through more efficient management of resources.

ENVIRONMENTAL ANALYSIS:

The action proposed herein is not subject to the CEQA in accordance with Section 21065 of CEQA and State CEQA Guidelines Sections 15060 (c)(2), 15060 (c)(3), and 15378. The authorization to enter into a contract for the purchase of computer hardware is a continuing administrative and maintenance activity (i.e., purchasing of supplies). This action would not cause either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment. Therefore, the proposed action is not a "project" subject to CEQA, as defined in Section 21065 of CEQA and Section 15378 of the State CEQA Guidelines. Since the action is not a project subject to CEQA, no environmental document is required.

FISCAL IMPACT:

The total estimated cost of this action is \$405,206. Funds for this action will be addressed by the utilization of existing budgeted appropriations in the Power Capital Fund 411, CIP 3239 and 3234, the Water Capital Fund 412, CIP 1083.

Water System CIP 1083	Management Information Systems	\$106,822
Power System CIP 3239	Management Information Systems	\$198,384
Power Supply CIP 3234	Facility Security	\$100,000

It is expected that 80% of the funds will be expended in fiscal year 2020 and the remaining 20% in fiscal year 2021.

The following table summarizes the total fiscal impact:

Base Contract Amount	\$397,261
2% Contingency	\$7,945
Total 2020 Fiscal Impact	\$405,206

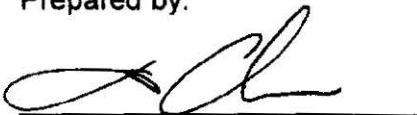
There is no anticipated impact to other operational programs or capital projects as a result of this action.

Respectfully submitted,



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Concurred by:



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