



Agenda Report Details (With Text)

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Title: NEW HEADQUARTERS AND INDUSTRIAL CONTROL SYSTEM NETWORK EQUIPMENT
Sponsors: Lorenzo Tyner
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Date	Ver.	Action By	Action	Result
12/14/2022	1	ADMINISTRATION COMMITTEE		

FROM: James D. Herberg, General Manager
Originator: Lorenzo Tyner, Assistant General Manager

SUBJECT:

NEW HEADQUARTERS AND INDUSTRIAL CONTROL SYSTEM NETWORK EQUIPMENT

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

- A. Approve a Purchase Order to ePlus Technology, Inc. for the purchase of information technology hardware (New Headquarters & Industrial Control System Network Equipment), Specification No. E-2022-1360BD, for a total amount not to exceed \$428,865, plus applicable sales tax and shipping; and
- B. Approve a contingency in the amount of \$42,886 (10%).

BACKGROUND

Orange County Sanitation District (OC San) has commissioned, and is in the process of executing, Project No. P1-128 to build a new Headquarters Building (HQ) across Ellis Avenue from Plant No. 1 in Fountain Valley. New data networking equipment is required to connect the computers, telephones, printers, and other network devices to the campus network, industrial control system (ICS) network, and the internet.

RELEVANT STANDARDS

- 24/7/365 treatment plant reliability
- Ensure the public's money is wisely spent

- Maintain a culture of improving efficiency to reduce the cost to provide the current service level or standard
- Protect OC San assets

PROBLEM

Network connectivity is required for OC San's network devices such as computers, telephones, printers, and other network devices for all the office, cubicles, conference rooms, and other facilities in the new HQ Building.

PROPOSED SOLUTION

Cisco Catalyst 9000 series network switches were chosen for their next-generation connectivity and seamless compatibility with the OC San HQ Building and ICS networks. This platform provides the latest networking technology with scalability, availability, and security. The proposed switch selections will expand the existing networks to the new HQ Building.

TIMING CONCERNS

Prompt procurement execution is critical with the target HQ Building completion date of December 2023. All equipment vendors are currently affected by supply-chain delays. Proper implementation and maintenance of the new network devices and segments is imperative for the continued support and safety of Plant operations.

RAMIFICATIONS OF NOT TAKING ACTION

New and old buildings require network connectivity. Any computers and network devices will not be allowed to access networks for the staff to perform job duties should this new network infrastructure in the HQ Building not be acquired and implemented.

PRIOR COMMITTEE/BOARD ACTIONS

N/A

ADDITIONAL INFORMATION

A Notice Inviting Bids was issued on October 3, 2022 via PlanetBids. Bids were due on November 1, 2022. OC San received seven (7) bids valid for 180 calendar days from the bid opening date. Two bids are non-responsive due to not returning required documentation and one bid is considered non-responsive by responding they are not currently an authorized distributor, per the Specification. Notice of Intent to Award was issued on November 8, 2022. The following is a list of the firms that submitted a bid.

Company Name	Bid	Determination
ePlus Technology	\$428,864.85	Responsive
Saitech Inc	\$437,204.00	Responsive
Axelliant LLC	\$443,459.85	Responsive

Sterling Computers Corporation	\$518,172.21	Responsive
D1 Networks, Inc	\$584,382.97	Non-Responsive
Kambrian Corporation	\$602,357.86	Non-Responsive
Agility Software Solutions LLC	\$617,569.61	Non-Responsive

Based on these results, staff recommends approving the Purchase Order to ePlus Technology. The term of this Purchase Order will begin upon the effective date of the Notice to Proceed.

CEQA

N/A

FINANCIAL CONSIDERATIONS

This request complies with authority levels of OC San’s Purchasing Ordinance. This item has been budgeted. (FY2022-23 & 2023-24 Budget, Section 8, Page 49, Information Technology Capital Program (M-MC-IT)).

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

N/A