



## Agenda Report Details (With Text)

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**Title:** REPLACE CAMPUS ACCESS NETWORK SWITCHES AND INDOOR WI-FI ACCESS POINTS

**Sponsors:** Lorenzo Tyner

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| Date      | Ver. | Action By                | Action | Result |
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| 4/13/2022 | 1    | ADMINISTRATION COMMITTEE |        |        |

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

**SUBJECT:**

**REPLACE CAMPUS ACCESS NETWORK SWITCHES AND INDOOR WI-FI ACCESS POINTS**

**GENERAL MANAGER'S RECOMMENDATION**

RECOMMENDATION: Recommend to the Board of Directors to:

- A. Approve a Purchase Order to Saitech Inc. for the procurement of campus networking equipment hardware and software to update and replace end-of-life equipment operating in the Orange County Sanitation District communications and computing environment, Specification No. E-2022-1305BD, for a total amount not to exceed \$549,050 plus sales tax and freight; and
- B. Approve a contingency in the amount of \$54,905 (10%).

**BACKGROUND**

Orange County Sanitation District's (OC San) campus network has many switches and Wi-Fi access points that have reached their end-of-life. The switches and Wi-Fi access points are imperative for the continued support of all OC San communications and computing requirements. Staff recommends replacing the old equipment with current technology.

**RELEVANT STANDARDS**

- 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

The current campus network is running on outdated technology. The infrastructure is not reliable, scalable, and does not provide the speed, functionality, resiliency, and cybersecurity capabilities required in a modern computing environment.

## PROPOSED SOLUTION

To properly maintain the campus network, the Information Technology (IT) division requests to purchase current network infrastructure technology to replace the end-of-life equipment. The new network infrastructure provides faster network speed, improved security, resilience, and new modern features.

## TIMING CONCERNS

Proper maintenance and performance of the campus network is imperative for the continued support of all OC San communications and computing requirements.

## RAMIFICATIONS OF NOT TAKING ACTION

A decision not to purchase the new network equipment would result in continued inefficiencies, extended downtime, limitations in deploying new technologies, and the inability to provide high availability.

## PRIOR COMMITTEE/BOARD ACTIONS

N/A

## ADDITIONAL INFORMATION

A Notice Inviting Bids was issued on February 2, 2022 via PlanetBids. Bids were due on March 1, 2022. OC San received seven (7) total bids valid for 180 calendar days from the bid opening date. Of the seven bids received, one was determined to be non-responsive as the bidder did not submit line item pricing in PlanetBids and the items that were noted on an uploaded pricing document were not the items OC San specified. One bid was withdrawn by the bidder.

The estimated bill of material was \$1,250,000.

The following is a list of the firms who submitted a bid:

| Company Name           | Bid          | Determination  |
|------------------------|--------------|----------------|
| Vector Resources, Inc. | \$0          | Non-Responsive |
| Hypertec USA Inc       | \$452,787.84 | WITHDRAWN      |

|                       |              |            |
|-----------------------|--------------|------------|
| Saitech Inc.          | \$549,050.00 | Responsive |
| AIXTEK                | \$590,058.00 | Responsive |
| Kambrian Corporation  | \$593,406.65 | Responsive |
| ePlus Technology      | \$679,529.19 | Responsive |
| Song Technologies LLC | \$989,932.99 | Responsive |

The bids were evaluated in accordance with OC San policies and procedures. A notice was sent to all the bidders on March 9, 2022, informing them of the intent of OC San to recommend approval of a purchase order to Saitech Inc.

Staff recommends approving a purchase order to the lowest responsive and responsible bidder, Saitech Inc., for purchase of Campus Access Network Switches and Indoor Wi-Fi Access Points, Specification No. E-2022-1305BD, as indicated above plus sales tax and freight.

**CEQA**

N/A

**FINANCIAL CONSIDERATIONS**

This request complies with authority levels of OC San’s Purchasing Ordinance. This item has been budgeted. (FY2021-21 & 2021-22 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](http://www.ocsan.gov)) with the complete agenda package:*

N/A