



ADMINISTRATION COMMITTEE

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Agenda Report

File #: 2023-3337

Agenda Date: 12/13/2023

Agenda Item No: 3.

FROM: Robert Thompson, General Manager
Originator: Wally Ritchie, Director of Finance

SUBJECT:

BACKUP APPLIANCES FOR INDUSTRIAL CONTROL SYSTEM AND OFFICE NETWORKS

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

- A. Approve a Purchase Order Contract to Nth Generation Computing, Inc. for the purchase of Backup Appliances for Industrial Control System (ICS) and Office Networks, Specification No. E-2023-1428BD, for a total amount not to exceed \$796,975 plus applicable sales tax; and
- B. Approve a contingency of \$79,697 (10%).

BACKGROUND

The current backup storage appliances (HPE StorageOnce) for both the Office and Industrial Control System (ICS) networks at Orange County Sanitation District (OC San) will reach their end of life on October 24, 2024. Additionally, commissioning the new Supervisory Control and Data Acquisition (SCADA) system implemented by Project No. J-120 will require more capacity.

RELEVANT STANDARDS

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

PROBLEM

In October 2024, the current backup storage appliances (HPE StorageOnce) for both the Office and ICS networks will reach their end of life. Additionally, there is insufficient capacity to back up the new SCADA system implemented by Project No. J-120.

PROPOSED SOLUTION

Approve a Purchase Order Contract to Nth Generation Computing, Inc. for the purchase of Backup Appliances for Industrial Control System (ICS) and Office Networks, Specification No. E-2023-1428BD.

TIMING CONCERNS

Replacing the backup appliances is imperative for the continued support and protection of OC San data and computing systems.

RAMIFICATIONS OF NOT TAKING ACTION

Delaying replacement of backup appliances will prevent future backups of the new SCADA system and risk losing support on existing backup appliances.

PRIOR COMMITTEE/BOARD ACTIONS

N/A

ADDITIONAL INFORMATION

A Notice Inviting Bids (NIB) was issued on October 5, 2023 via PlanetBids. Bids were due on November 2, 2023. OC San received four bids and they are valid for 180 calendar days from the bid opening date. The following is a list of the firms who submitted a bid.

Company Name	Bid	Determination
Nth Generation Computing, Inc.	\$ 796,975.00	Responsive, Responsible
Hypertec USA Inc	\$1,056,789.49	Responsive, Responsible
Thomas Gallaway Corporation	\$1,408,910.32	Responsive, Responsible
vPrime Tech Inc	\$1,471,592.33	Non-Responsive

Based on these results, staff recommends approving the Purchase Order Contract to Nth Generation Computing, Inc. The term of this Purchase Order will begin upon effective date of 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 (FY 2022-23 & 2023-24 Budget).

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