



CITY OF LOMITA CITY COUNCIL REPORT

TO: City Council **Item No. {{section.number}}m**

FROM: Andrew Vialpando, City Manager

PREPARED BY: Gary Sugano, Assistant City Manager

MEETING DATE: December 17, 2024

SUBJECT: Amendment No. 4 to Agreement with Numa Networks to Complete Information Technology Upgrades at the Cypress Water Facility

RECOMMENDATION

Approve Amendment No. 4 to Agreement with Numa Networks to Complete Information Technology Upgrades at the Cypress Water Facility.

BACKGROUND

The City operates several facilities related to the production or distribution of water for the City's water system. These include the Cypress Water Production Facility (CWPF), Harbor Hills Storage Tank, multiple import water connections, and a pump station. Historically, the CWPF provided a mixture of treated groundwater and imported surface water to Pressure Zone 1 (portion of the City north of Pacific Coast Highway); however, the CWPF was taken off-line in May 2019 due to the detection of benzene at the City's only well. Since then, the City has been importing 100 percent of its water from the Metropolitan Water District (MWD).

Following the detection of benzene, the City has since embarked on a large-scale upgrade of the facility, including the addition of Granular Activated Carbon (GAC) vessels to ensure complete removal of benzene. The City Council awarded this project to R.C. Foster Corporation on January 19, 2021.

Since the early commissioning of the CWPF, the facility has been monitored utilizing a SCADA system. SCADA is a system of software and hardware elements that allows staff to control and monitor some processes by directly interfacing with CWPF equipment and viewing real-time data to ensure that the plant is operating properly.

The current SCADA system is antiquated and is slated for replacement prior to the facility

going back on-line. As part of the CWPf SCADA upgrade, Numa Networks, the City's IT consultant will need to install two new servers, various software (including licensing), firewall installation, networking and related cabinets to complement the SCADA system.

FISCAL IMPACT

The total cost for the IT-related upgrades is \$41,911.30 (the invoice is attached to this report as Exhibit A to the Amendment) and will be appropriated from the City's Water Fund.

OPTIONS

- 1) Approve recommended action.
- 2) Provide staff further direction.

ATTACHMENTS

- 1) Amendment No. 4 to the Agreement with Numa Networks with Invoice # 37051 (Exhibit A)

Reviewed by:

Approved by:




Lina Hernandez
Deputy City Manager/Public Works Director



Andrew Vialpando
City Manager

Prepared by:



Gary Sugano
Assistant City Manager