



CITY OF COSTA MESA

Agenda Report

77 Fair Drive
Costa Mesa, CA 92626

File #: 24-222

Meeting Date: 6/4/2024

TITLE:

ACCEPTANCE OF THE CITY HALL FIRE ALARM SYSTEM UPGRADE AND COMMUNICATION FIRE SUPPRESSION SYSTEM PROJECT - PHASE II, CITY PROJECT NO. 19-14

DEPARTMENT: PUBLIC WORKS DEPARTMENT/GENERAL SERVICES
DIVISION

PRESENTED BY: RAJA SETHURAMAN, PUBLIC WORKS DIRECTOR

CONTACT INFORMATION: PATRICK BAUER, DEPUTY DIRECTOR OF PUBLIC WORKS,
(714) 754-5029

RECOMMENDATION:

Staff recommends the City Council:

1. Accept the work performed by Johnson Controls International (JCI), 12728 Shoemaker Avenue, Santa Fe Springs, CA 90670, for the City Hall Fire Alarm System Upgrade and Communication Fire Suppression System Project - Phase II, City Project No. 19-14, and authorize the City Clerk to file the Notice of Completion.
2. Authorize the City Manager to release the retention monies thirty-five (35) days after the Notice of Completion filing date; release the Labor and Material Bond seven (7) months after the filing date; and release the Faithful Performance Bond one (1) year after the filing date.

BACKGROUND:

On July 21, 2020, a construction contract in the amount of \$347,617.20 was awarded as a single source to Johnson Controls International (JCI) for the City Hall Fire Alarm System Upgrade and Communication Fire Suppression System Project - Phase II, City Project No. 19-14.

This was a two-phase project. Phase I upgrades to the City Hall fire alarm system were completed by JCI in April 2019, and included the engineering, design, equipment, and installation of the following:

- Replaced the existing obsolete 120 Volt Alternating Current (120VAC) control panel with a Simplex 4100es Fire Alarm Control Panel (FACP) with the capacity to upgrade the entire system during Phase II.
- Replaced existing 120VAC alarm bells for the 24 Volt Direct Current (24VDC) bells and reconnected to the new FACP.

- Replaced existing manual pull stations with addressable manual pull stations.
- Replaced existing annunciator with a Liquid Crystal Display (LCD) annunciator at the police facility.
- Provided a new smoke detector within five (5) feet of the new FACP to comply with current code requirements.
- Provided elevator smoke detection at all lobbies for elevator controller interface/recall functions.

Phase II of the modernization of the City Hall fire alarm system included the engineering, design, equipment, installation, and programming services to install a new Voice/Evacuation fire alarm system using the Simplex 4100ES Fire Alarm Control Panel (FACP) Platform. Further work was added to the original scope of the project that included new smoke detectors for newly constructed offices.

The construction is now complete and is ready to be accepted by the City Council.



BEFORE



AFTER

ANALYSIS:

The work required by the contract documents was completed to the satisfaction of the City Engineer. The final contract cost amounted to \$376,821.70. A report of the final costs is included as Attachment 1.

A summary of the costs is as follows:

Initial Contract Cost:	\$ 347,617.20
Final Payment Adjustments:	<u>\$ 29,204.50</u>
Final Contract Cost:	\$ 376,821.70

The final contract price reflects an 8.4% increase to the original contract as a result of additional work, increase in scope, and quantity adjustments.

As of this date, there are no Stop Notices filed against the monies due to Johnson Controls International.

Therefore, staff recommends that the City Council accept this project as complete and authorize the City Clerk to file the Notice of Completion.

ALTERNATIVES:

This item is administrative in nature.

FISCAL REVIEW:

The project was funded from appropriations in the Capital Improvement Fund (401).

LEGAL REVIEW:

The City Attorney's Office has reviewed this agenda report and approves it as to form.

CITY COUNCIL GOALS AND PRIORITIES:

This project worked toward achieving the City Council goal:

- Strengthen the Public's Safety and Improve the Quality of Life.
- Maintain and Enhance City's Facilities, Equipment and Technology.

CONCLUSION:

Staff recommends the City Council:

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