



Legislation Text

File #: 17-863, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the Award of Job Order Contracts for Security Camera Network Wiring to F. H. Paschen for the amount not to exceed \$185,767.27.

DEPARTMENT: Department of Public Works

SUBMITTED BY: Richard Dublinski, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

The City developed a five-year security camera installation plan to phase in additional security camera needs throughout the City and to address the replacement of existing security cameras as they reach the end of their useful life. The five-year plan is re-evaluated every year as part of the City's budget process. CIP project LR076 was created to consolidate management and installation of security cameras at all City sites.

For 2017, new security cameras will be installed at 12 locations. In addition, cameras at 75th Street and Washington Street, the Public Works Service Center and the Test Track will be upgraded.

There are two phases to the work in 2017. The first phase involves the installation of the necessary infrastructure to allow the cameras to communicate to the video management system (VMS) Milestone servers. This work includes all electrical work, ethernet cables, structures, conduit, etc. needed before security cameras can be installed. The second phase involves the installation of the new digital IP video camera equipment and related accessories, including the programming of the cameras into the existing VMS Milestone servers. The second phase also includes the conversion and upgrade of existing analog cameras currently on digital video recorder (DVR) to IP cameras viewable in Milestone VMS.

DISCUSSION:

Job Order Contracting (JOC) was selected to perform the first phase of the work so that all of the site work could be completed in advance of the camera installations. The nature of the site work was such that all interested vendors would have needed access to the each of the secured sites to prepare their bid documents. By using JOC, only one vendor was given access to the secured sites to determine the site work solutions. The JOC contractor will be responsible for performing the following work:

DPW-009-CY17.A (\$28,633.43)

Work includes all electrical work, directional boring, controls, and lightning arrestors needed prior to new camera installations at Fire Stations #1 and #7.

DPW-010-CY17.A (\$60,451.27)

Work includes all electrical work, directional boring, controls, and lightning arrestors needed prior to new camera installations for the jail area at the Police Department, the Public Works Service Center, and the Naperville Test Track.

DPW-011-CY17.A (\$96,682.57)

Work includes all electrical work, directional boring, controls, and lightning arrestors needed prior to new camera installations at six Water Utility sites.

It is also noted that a bid has been advertised to hire a vendor to perform the second phase of the work. It is anticipated that an award of the second phase will be presented to the City Council at the second meeting in December 2017.

FISCAL IMPACT:

CIP#: LR076

Security Camera Network Wiring is expensed to the other equipment and machinery accounts listed below. This work is related to LR076, Security Cameras, for which a total of \$305,000 is budgeted in CY2017. The requested award of \$185,767.27 is within the budgeted amount for this expense.

Account Number	Fund Description	Total Budget Amount
332-4230-431.70-88	G.O. Bond Fund	\$88,000
410-4230-431.70-88	Electric Utility Fund	\$52,000
430-4230-431.70-88	Water/Wastewater Utility Fund	\$165,000