



AGENDA ITEM MEMORANDUM

DATE: 1-15-26

TO: Public Works Committee

FROM: Joel Kolste – Deputy Director of Field Operations

SUBJECT: Resolution 154-25-26 – A Resolution authorizing the appropriate City Officials to expend Wastewater Funds to purchase one (1) CCTV Sewer Inspection Camera System.

ISSUE

Should the Public Works Committee recommend approval of the Resolution to purchase one CCTV Sewer Inspection Camera System to replace an existing 2018 Aries Pathfinder system.

STAFF RECOMMENDATION

Staff recommends approval of the resolution utilizing 2026 budgeted funds within the Wastewater account.

BACKGROUND/DISCUSSION

The purchase of one IBAK T66 HD CCTV sewer inspection camera will replace the existing sewer inspection camera currently in use by Department. This equipment is utilized by the Department's sewer crew that is charged with maintaining the underground sanitary sewer distribution system throughout the City. The system is utilized for condition assessment, and identifying defects not only for necessary repairs, but for planning purposes of street reconstruction and resurfacing projects.

The existing Aries Pathfinder CCTV system currently in use has been problematic in the last few years, averaging \$12,000 to \$15,000 in annual repairs to the equipment. Equipment repair causes downtime and having reliable equipment is vital to ensure a properly functioning sewer system.

The proposed new equipment would be retrofitted into the Departments current televising truck eliminating costs associated with vehicle replacement. The internal system components would be upgraded with the new system to include touch screen controllers, monitors and racking, cable reels, camera, camera factor, and wheel sets. The cost below includes all retrofitting necessary including the trade-in value of the current camera equipment.

In reviewing comparable systems utilized by various Municipalities and Sewer Contractors around SE Wisconsin, there has been an overwhelmingly recommendation for the new IBAK System. The system provides additional benefits over our current system such as High-Definition Video, a High-Quality camera image, and a robust Fiber Optic Cable (which is a high-wear item). While the ARIES system is a good system, we are hesitant to purchase the same system again due to the overwhelming operating cost of this system that we have experienced.

We also feel confident that Envirotech Equipment will provide the necessary support and post purchase support that will limit any down time related to repairs.

DEPARTMENT OF
PUBLIC WORKS

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AGENDA ITEM MEMORANDUM (CONT.)

Staff worked with several vendors requesting Quotes for comparable units that provide increased capabilities along with an increase in reliability.

VENDOR	MODEL	TOTAL COST
EJ Equipment	CUES Summit System	\$199,978.00
Envirotech Equipment	IBAK HD System	\$159,678.00
JWR Solutions	ARIES Voyager System	\$139,572.00

FUNDING IMPACT

The funding source for this purchase utilizes budgeted funds from the Wastewater Fund (Account # 630361-651100) of \$159,678.00.

IF APPROVED, NEXT STEPS:

Following Council approval, The City's Purchasing Agent will issue a purchase order to Envirotech Equipment for one (1) IBAK HD CCTV Sewer Camera System for the Wastewater Division of the Department of Public Works in the amount of \$159,678.00.