



AGENDA MEMORANDUM

Action Item for the City Council Meeting February 25, 2025

DATE: February 25, 2025

TO: Peter Zanoni, City Manager

FROM: Wesley Nebgen, Director of Water System Infrastructure
Wesleyn@cctexas.com
(361) 826-3111

Sergio Villasana, Director, Finance & Procurement
Sergiov2@cctexas.com
(361) 826-3227

Closed-circuit Television (CCTV) Equipment Repair
--

CAPTION:

Resolution authorizing a one-year service agreement, with two one-year option periods, with Essential Equipment TX, LLC, of Conroe, Texas, in an amount up to \$94,960.00, with a potential amount of \$284,880.00 if options are exercised, for repair services on closed-circuit television (CCTV) rapid-view IBAK cameras and equipment for Corpus Christi Water, with FY 2025 funding of \$94,960.00 from the Wastewater Fund.

SUMMARY:

This resolution authorizes a one-year service agreement on CCTV cameras and equipment repairs, including the IBAK camera system.

BACKGROUND AND FINDINGS:

The City of Corpus Christi has more than 1,200 miles of wastewater gravity mains serving six wastewater treatment facilities. CCW utilizes CCTV cameras to inspect the inside of the sewer pipes for defects and failures as part of the federally mandated consent decree requirements. CCW in-house crews have televised more than 1.8 million feet of pipe over the last 4 years resulting in an estimated savings of more than \$30,000,000 when compared to similar contract pricing. The cameras are maneuvered through the underground pipes, recording the overall condition and checking for any blockages. The videos are then given a score based on the number and severity of defects and prioritized for replacement.

CCW has four rapid-view, IBAK cameras that have been utilized since 2021 and purchased through Capital Outlay. They offer a 360-degree, high definition and panoramic view of the inside of the wastewater lines. These cameras operate in extreme conditions and require frequent maintenance to operate clearly and efficiently. Essential Equipment is the sole provider and distributor of the IBAK system for Texas and the only company certified to work on the equipment.

PROCUREMENT DETAIL:

This procurement falls under the Local Government Code, Section 252.022(a)(2), which states that purchase is necessary to preserve or protect the public health and safety of the City's residents. Also, under 252.022(a)(7)(A), this item is available from only one source because of patents, copyrights, secret processes, or natural monopolies.

The hourly labor rate for inspections of equipment and camera systems has increased by \$18.00 per hour with this vendor in nine months, as shown in the table below. Approving a one-year contract with option periods will ensure the pricing remains at the proposed hourly rate.

Labor	Date	Per Hour Rate
	01/23/2024	\$137.50
	10/25/2024	\$156.00

ALTERNATIVES:

An alternative is to not enter into an agreement, which would require separate procurements on an as-needed basis, which would increase the time delay due to the procurement process.

FISCAL IMPACT:

The fiscal impact for FY 2025 is \$94,960.00 from the Wastewater fund.

FUNDING DETAIL:

Fund:	4200	Wastewater
Organization/Activity:	33600	WW Collections Ops & Maintenance
Department:	46	Wastewater
Project # (CIP Only):	N/A	
Account:	530215	Maint & repairs-contracted
Amount:	\$94,960.00	

RECOMMENDATION:

Recommend resolution as presented.

LIST OF SUPPORTING DOCUMENTS:

Service Agreement
Resolution