

**COMMISSION FILE NO:** 21-086-6 **DATE INTRODUCED:** June 14, 2021

**INTRODUCED BY:** Executive Director (Signature on File in the Office of the Commission)

**REFERRED BY COMMISSION CHAIRPERSON TO:** Operations Committee

**RELATING TO:** Award of Contract C01006E02, Metropolitan Interceptor Sewer Condition Assessment Project, and Approve Changes in Total Project Cost

**SUMMARY:**

The Commission is requested to award and to direct the Executive Director to execute on behalf of the District Contract C01006E02, Metropolitan Interceptor Sewer (MIS) Condition Assessment Project, to Mid City Corporation in an amount not to exceed \$1,047,200. Mid City Corporation was the lowest responsible, responsive bidder between two bids received.

Further, the Commission is requested to increase the total project cost (TPC) for Project C01006, MIS Condition Assessment Project, by \$130,000 for an amended TPC of \$1,530,858 and to make a corresponding change to the TPC for Project M99001, Allowance for Cost and Schedule Changes.

The purpose of this project is to provide the District with a thorough condition assessment of a critical asset. The critical asset to be assessed is a sewer that begins at a manhole located near South 60th Street and West Grant Street within the City of West Allis. The sewer increases in diameter from 144 inches to 150 inches as it travels through the service area for approximately 15 miles. The sewer terminates at the South Shore Water Reclamation Facility. Due to camera quality and other limitations in traditional sewer analysis technology, such as high flows and pipe size, the District is unable to obtain detailed information about this sewer. The sewer lacks redundancy and does not have the ability to divert flow to the Jones Island Water Reclamation Facility in the event of a failure; therefore, a more detailed analysis is required.

**ATTACHMENTS:** **BACKGROUND** ☐ **KEY ISSUES** ☐ **RESOLUTION** ☒  
**FISCAL NOTE** ☒ **S/W/MBE** ☒ **OTHER** ☐ \_\_\_\_\_

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**COMMITTEE ACTION:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**COMMISSION ACTION:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

## **SUMMARY (Cont'd)**

Award of Contract C01006E02, Metropolitan Interceptor Sewer Condition Assessment Project, and Approve Changes in Total Project Cost

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The general scope of work for this contract includes the multi-sensor condition assessment contractor to provide the condition of the MIS. The multi-sensor condition assessment will include high definition camera analysis, light detection and ranging, sonar, and hydrogen sulfide sensors. The contractor will provide two dimensional imaging of the sewer so that the District can properly analyze the condition to ensure the life cycle of this critical asset.

Additionally, the scope includes gathering the pipe thickness through core samples, concrete core compression testing, manhole imaging of the 64 structures along the sewer, and traffic control measures. The District will use the data gathered to develop preliminary engineering documents for the replacement or rehabilitation of the asset.

The contract duration is expected to be 186 days.

The low bid received by the District is more than budgeted, and staff requests an increase to the TPC accordingly.

## **RESOLUTION**

Award of Contract C01006E02, Metropolitan Interceptor Sewer Condition Assessment Project, and Approve Changes in Total Project Cost

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**RESOLVED**, by the Milwaukee Metropolitan Sewerage Commission, that Contract C01006E02, Metropolitan Interceptor Sewer Condition Assessment Project, is awarded to Mid City Corporation, in an amount not to exceed \$1,047,200, and that the Executive Director is directed to execute a contract on behalf of the District.

**FURTHER RESOLVED**, by the Milwaukee Metropolitan Sewerage Commission, that the total project cost for Project C01006, Metropolitan Interceptor Sewer Condition Assessment Project, is increased by \$130,000 for an amended total project cost of \$1,530,858, and that a corresponding change is made to the total project cost for Project M99001, Allowance for Cost and Schedule Changes.