

COMMISSION FILE NO: 20-142-9 **DATE INTRODUCED:** September 14, 2020

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 C01006E01 – Preliminary Engineering Services for Metropolitan Interceptor Sewer Condition Assessment Project

SUMMARY:

The Commission is requested to award and to direct the Executive Director to execute on behalf of the District Contract C01006E01, Preliminary Engineering Services for Metropolitan Interceptor Sewer Condition Assessment Project, with CDM Smith in an amount not to exceed \$217,040. CDM Smith was the highest scoring proposer using a qualification-based selection method among eight proposals received.

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 Grange Avenue within the Village of Greendale. 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 South Shore Water Reclamation Facility. Due to the camera quality, other limitations in traditional sewer inspection 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.

The scope of the project is to recommend a condition assessment technology, such as multi-sensor inspection, and assist with the administration of a future condition assessment contract. Once the condition assessment contract has been completed, a detailed review of the asset with a recommendation for rehabilitation will be provided.

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 C01006E01 – Preliminary Engineering Services for Metropolitan Interceptor Sewer Condition Assessment Project

The general scope of work for this contract includes:

- Evaluating condition assessment technology and provide a recommendation to the District.
- Preparing a bid package for the condition assessment technology.
- Assisting in the administration of the condition assessment contract.
- Reviewing and providing a recommendation on the rehabilitation of the sewer.

The duration of this contract is approximately 13 months.

RESOLUTION

Award of Contract C01006E01 – Preliminary Engineering Services for Metropolitan
Interceptor Sewer Condition Assessment Project

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that Contract C01006E01, Preliminary Engineering Services for Metropolitan Interceptor Sewer Condition Assessment Project, is awarded to CDM Smith in an amount not to exceed \$217,040, and that the Executive Director is directed to execute a contract on behalf of the District.