

COMMISSION FILE NO: 20-140-9 **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 Contracts J01019E01 and C07037E01, Jones Island and South Shore Force Main Condition Assessment, and Approve Change 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 J01019E01, Jones Island Force Main Condition Assessment, with Mid City Corporation in the amount of \$265,000 and Contract C07037E01, South Shore Force Main Condition Assessment, to Mid City Corporation in the amount of \$780,000. Mid City Corporation was the sole bidder on these contracts.

Further, the Commission is requested to increase the total project cost (TPC) for Project C07037, South Shore Force Main Assessment, by \$92,886 for an amended TPC of \$1,082,310 and to make a corresponding change to the TPC for Project M99001, Allowance for Cost and Schedule Changes.

Contracts C07037E01 and J01019E01 are separate for recordkeeping purposes. The contracts are separate in cost and documentation, but in all other aspects will be treated as one project. The work for both contracts was included in one bid.

Two force mains convey wastewater from the head tanks of the Inline Storage Pumping Station. A failure in either of the two force mains – one connected to each water reclamation facility – would result in extensive service disruptions and potential environmental damage due to sewer overflows.

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

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COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

BACKGROUND

Award of Contracts J01019E01 and C07037E01, Jones Island and South Shore Force Main Condition Assessment, and Approve Change in Total Project Costs

The Jones Island Force Main is a 72-inch diameter steel force main pipe that conveys flow 1,000 feet from the head tank to the Preliminary Treatment Facility at the Jones Island Water Reclamation Facility (JIWRF). The South Shore Force Main is a 48-inch force main pipe that conveys wastewater from the head tank at JIWRF approximately 15,840 feet to a diversion chamber located at South 6th Street and West Oklahoma Avenue. From the diversion chamber, wastewater flows by gravity to the South Shore Water Reclamation Facility. The South Shore Force Main is primarily reinforced concrete pipe, but has sections of ductile iron pipe and prestressed concrete pipe. The South Shore Force Main is located at JIWRF, in District-owned easements, and in the public right-of-way in the City of Milwaukee.

The Jones Island and South Shore Force Mains were installed in the late 1980's and are more than 30 years old. The condition of the force mains is largely unknown. The outcome from this contract will be a report that documents the condition of both force mains.

The general scope of the contract will include the following:

- Inspection of the Jones Island Force Main by physically entering the pipeline.
- Inspection of the South Shore Force Main with remote equipment.
- Non-destructive testing of both force mains.
- Rehabilitation of the air valve and drainage stations along the South Shore Force Main after inspection.
- Develop report to document condition assessment of the Jones Island and South Shore Force Mains.

RESOLUTION

Award of Contracts J01019E01 and C07037E01, Jones Island and South Shore Force Main Condition Assessment, and Approve Change in Total Project Costs

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized and directed to execute Contract J01019E01, Jones Island Force Main Condition Assessment, with Mid City Corporation in an amount of \$265,000 and Contract C07037E01, South Shore Force Main Condition Assessment, with Mid City Corporation in an amount of \$780,000.

FURTHER RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the total project cost for Project C07037, South Shore Force Main Assessment, is increased by \$92,886 for an amended total project cost of \$1,082,310, and that a corresponding change is made to the total project cost for Project M99001, Allowance for Cost and Schedule Changes.