

COMMISSION FILE NO: 16-114-9 **DATE INTRODUCED:** September 12, 2016

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 C02008C01, Greenfield Park Force Main Inspection – Phase 2

SUMMARY:

The Commission is requested to award and to direct the Executive Director to execute on behalf of the District Contract C02008C01, Greenfield Park Force Main Inspection – Phase 2, to Underground Pipeline, Inc., (UPI) in the amount of \$331,412. UPI was the lowest responsible, responsive bidder among three bids received.

The purpose of the project relates to properly assessing all force mains in the District for signs of failure that may lead to sanitary sewer overflows. This project will pinpoint the location of potential corrosion along the Greenfield Park force main alignment and repair any major anomalies observed.

The Greenfield Park force main pipe has been in service since 1984 as the outlet sewer for the Greenfield Park pump station. It consists of approximately 2,833 feet of 24-inch ductile iron force main along South 124th Street and West Greenfield Avenue in the City of West Allis.

The contract follows a recent inspection of the Greenfield Park force main by Pipeline Inspection and Condition Analysis Corp., which identified signs of corrosion pitting of the ductile iron pipe. The Greenfield Park Force Main Inspection – Phase 2 contract will involve an exploratory excavation to locate the existing corrosion pits, to determine the depth of pitting, to determine whether the pits are external or internal to the pipe wall, and to determine the root cause of the pitting. The most cost effective repair or replacement solution depends on determining the root cause of the corrosion.

The construction duration for this project is 150 calendar days.

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 Award of Contract C02008C01, Greenfield Park Force Main
Inspection – Phase 2

The contract scope includes:

- Excavating the pipe to locate deep corrosion pits.
- Supporting the engineer's inspection and confirmation of the corrosion pits.
- Repairing the corrosion pits.
- Furnishing and installing corrosion monitoring test stations.
- Furnishing and installing pipe insulating joint.

RESOLUTION

Award of Contract Award of Contract C02008C01, Greenfield Park Force Main
Inspection – Phase 2

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that Contract C02008C01, Greenfield Park Force Main Inspection – Phase 2, is awarded to Underground Pipeline, Inc., in the amount of \$331,412, and that the Executive Director is directed to execute the contract on behalf of the District.