

COMMISSION FILE NO: 18-009-1 **DATE INTRODUCED:** January 8, 2018

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 J06075C02 (bid as J01020C01), Jones Island Water Reclamation Facility High Level Screw Pump Number 4 Replacement

SUMMARY:

The Commission is requested to authorize the Executive Director to execute Contract J06075C02 (bid as J01020C01), Jones Island Water Reclamation Facility (JIWRF) High Level Screw Pump Number (No.) 4 Replacement, with J.F. Ahern Co. (Ahern) in the amount of \$401,976. Ahern was the lowest responsible, responsive bidder between two bids received.

The JIWRF High Level Screw Pump No. 4 is one of five high level screw pumps located in the Preliminary Treatment Facility (Building 203), which lift combined low level and high level raw sewage to the screening facility. High Level Screw Pump No. 4 was installed in 1995. The screw pump flights (which carry the sewage) have worn thinly, and portions of the flights are missing due to wear. The torque tube onto which the flights are welded has also worn thinly, and some holes exist in the tube due to wear. This results in decreased pumping capacity and efficiency.

The contract was advertised with a base bid to repair the screw pump and an alternative bid to replace the screw pump with a new one. Below are the bid results.

Bidder	Base Bid (repair)	Alternate (replace)
J.F. Ahern Co.	No bid	\$401,976
Doral Corporation	\$950,000	\$500,000

Staff recommends awarding the contract to Ahern using the alternate bid (replacement). This will provide the District with a new screw pump with 20 years of useful service life to ensure reliable operation.

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 J06075C02 (bid as J01020C01), Jones Island Water Reclamation Facility High Level Screw Pump Number 4 Replacement

This contract scope includes:

- Replacing the existing screw pump, along with upper and lower bearings;
- Removing and performing regular maintenance on the existing gear reducer;
- Repairing existing flow deflector plates;
- Connecting, aligning, and balancing the existing motor, existing gear reducer, and new screw pump; and
- Installing the existing screw covers.

The contract duration is 200 days.

Consistent with the Agreement for Management, Operations, and Maintenance Services between the District and Veolia Water Milwaukee (VWM), VWM will make a \$10,000 contribution to the District for this project.

RESOLUTION

Award of Contract J06075C02 (bid as J01020C01), Jones Island Water Reclamation Facility High Level Screw Pump Number 4 Replacement

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to execute Contract J06075C02 (bid as J01020C01), Jones Island Water Reclamation Facility High Level Screw Pump Number 4 Replacement, with J.F. Ahern Co. in the amount of \$401,976.