

COMMISSION FILE NO: 16-109-9 **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 J01018C02, Inline Storage System Pumps #2 and #3 Coating and Wear Ring Rehabilitation

SUMMARY:

The Commission is requested to award and to direct the Executive Director to execute on behalf of the District Contract J01018C02, Inline Storage System (ISS) Pumps #2 and #3 Coating and Wear Ring Rehabilitation, to Butters-Fetting Company in the amount of \$208,508.50. Butters-Fetting was the lowest responsible, responsive bidder with two bids received.

At the Jones Island Water Reclamation Facility, three pumps are used to pump combined wastewater and stormwater from the ISS to the surface for treatment at either of the District's two water reclamation facilities. These ISS pumps are critical for maximizing the District's treatment capacity during wet weather events. Maintaining maximum treatment capacity reduces the risk of overflows and basement backups occurring in the District's service area.

Inspections by Veolia Water Milwaukee (VWM) and the District show that Pumps #2 and #3 are in need of rehabilitation, as the interior abrasion resistant coating, used to maintain protection of the underlying metal, has worn. Wear rings on Pump #2 are also worn beyond acceptable tolerances and need to be replaced.

The purpose of this project is to restore the protective coating on the pump interiors on Pumps #2 and #3 and restore the full operating capacity of Pump #2.

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

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SUMMARY (Cont'd)

Award of Contract J01018C02, Inline Storage System Pumps #2 and #3 Coating and Wear Ring Rehabilitation

The work on ISS Pumps #2 and #3 includes:

- Removing the top half of the pump.
- Inspecting pump internal components.
- Restoring the internal protective coating.
- Changing bearing oil.
- Replacing wear rings and balance rotating elements (Pump #2 only).
- Aligning the motor, coupling, and pump and performing testing and equipment startup

The construction duration for this project is 190 calendar days, with a milestone requiring the pumps to be available for use no later than March 31, 2017. The work is intended to be done in coordination with Jones Island and South Shore Head Tank Rehabilitation to minimize the total duration when ISS pumping capacity is reduced. The work is scheduled during the winter months when the likelihood of a significant wet weather event is lowest.

In accordance with the terms of the Management, Operations, and Maintenance Services Agreement between Veolia Water Milwaukee and the District, Veolia Water Milwaukee will contribute \$10,000 toward the cost of this project.

RESOLUTION

Award of Contract J01018C02, Inline Storage System Pumps #2 and #3 Coating and Wear Ring Rehabilitation

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that Contract J01018C02, Inline Storage System Pumps #2 and #3 Coating and Wear Ring Rehabilitation, is awarded to Butters-Fetting Company in the amount of \$208,508.50, and that the Executive Director is directed to execute the contract on behalf of the District.