

COMMISSION FILE NO: 17-081-9 **DATE INTRODUCED:** September 11, 2017

INTRODUCED BY: Executive Director (Signature on File in the Office of the Commission)

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Authorizing the Executive Director to Execute a Purchase Order for Material Capital Repair or Replacement No. 1056, Jones Island Water Reclamation Facility Interplant Solids Pipeline Pump #3 Replacement

SUMMARY:

The Commission is requested to authorize the Executive Director to execute a purchase order with Veolia Water Milwaukee, LLC, (VWM) for Material Capital Repair or Replacement Number 1056, Jones Island Water Reclamation Facility (JIWRF) Interplant Solids Pipeline (ISP) Pump #3 Replacement, in an amount not to exceed \$162,167.

JIWRF generates primary sludge, which consists of settled solids and organic material generated in the primary clarifiers. JIWRF has three ISP pump sets, which are utilized to transfer JIWRF primary sludge via the ISP to the South Shore Water Reclamation Facility (SSWRF). At SSWRF, the primary sludge is anaerobically digested, a critical process in the treatment of plant solids. A pump set consists of two 200-horsepower pumps. In May 2017, one of the pumps/motors in Pump Set #3 failed and cannot be repaired. The pump is approximately 30 years old.

The purpose of this contract is to restore the capacity of the ISP pumping system to ensure ongoing processing of biosolids. The scope of the contract is to replace the failed pump and motor and to replace the other operating motor in the pump set. While only one motor failed, staff recommends replacing both motors, given their age. The operating motor that will be removed will be kept as a spare, providing the District with motor redundancy for the other pump sets.

VWM competitively bid the work, and J.F. Ahern Co. was the lowest responsible and responsive bidder, with two bids received. The purchase order will be issued to VWM, which will be responsible for managing and overseeing the contract with J.F. Ahern Co.

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

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08-18-17*

COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Authorizing the Executive Director to Execute a Purchase Order for Material Capital Repair or Replacement No. 1056, Jones Island Water Reclamation Facility Interplant Solids Pipeline Pump #3 Replacement

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

RESOLUTION

Authorizing the Executive Director to Execute a Purchase Order for Material Capital Repair or Replacement No. 1056, Jones Island Water Reclamation Facility Interplant Solids Pipeline Pump #3 Replacement

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to execute a purchase order with Veolia Water Milwaukee, LLC, for Material Capital Repair or Replacement Number 1056, Jones Island Water Reclamation Interplant Solids Pipeline Pump #3 Replacement, in an amount not to exceed \$162,167.