

COMMISSION FILE NO: 16-104-9 **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: Authorizing the Executive Director to Execute a Purchase Order for Material Capital Repair or Replacement No. 947, Inline Storage System Dropshaft Site, KK03 – Gate Cylinder #1 Replacement (Project J06065)

SUMMARY:

The Commission is requested to authorize the Executive Director to award a purchase order with Veolia Water Milwaukee, LLC, (VWM) for Material Capital Repair or Replacement No. 947, Inline Storage System (ISS or Deep Tunnel) Dropshaft Site, KK03 – Gate Cylinder #1 Replacement (Project J06065), in an amount not to exceed \$245,804.

Twenty-four dropshafts control the flow of wastewater from the conveyance system into the Deep Tunnel. Each dropshaft site includes one or more hydraulic cylinders, which raise and lower flow control gates.

The KK03 dropshaft site contains two flow control gates and two hydraulic cylinders. One gate is utilized to control flow into the Deep Tunnel and will close when the Deep Tunnel reaches a predefined volume or as directed by District and Veolia Water staff. The second gate at this site is operated as a redundant backup gate and is normally in the closed position. The hydraulic cylinder on one gate has failed, rendering this gate inoperable and eliminating the redundancy at this site. This means that a failure of the other could result in an undesirable consequence during a wet weather event. Either a combined sewer overflow or a tunnel overfill could occur, depending on the position of the gate during the failure.

The purpose and scope of this project is to:

- Remove the failed cylinder and replace with a new cylinder.
- Perform functional testing on the new cylinder.
- Restore the site to full operation with one operable gate and one redundant gate.

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

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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. 947, Inline Storage System Dropshaft Site, KK03 – Gate Cylinder #1 Replacement (Project J06065)

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

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. 947, Inline Storage System Dropshaft Site, KK03 – Gate Cylinder #1 Replacement (Project J06065)

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 No. 947, Inline Storage System Dropshaft Site, KK03 – Gate Cylinder #1 Replacement (Project J06065), in an amount not to exceed \$245,804.