



COMMISSION FILE NO: 25-010-1 **DATE INTRODUCED:** January 13, 2025

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

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Change Order Request, Purchase Order No. 13363, Material Capital Repair or Replacement Nos. 1617 and 1631, Port Washington Road Pump Station, PS0501 Sewage Pumps 1, 2, 3, and 4, Project C98055

SUMMARY:

The Commission is requested to authorize the Executive Director to execute a change order to Purchase Order No. 13363, Material Capital Repair or Replacement Nos. 1617 and 1631, Port Washington Road Pump Station, PS0501 Sewage Pumps 1, 2, 3, and 4, Project C98055, with Veolia Water Milwaukee, LLC, (VWM) in an amount not to exceed \$77,933.

The District owns 19 pump stations throughout the Metropolitan Interceptor Sewer (MIS) System that serve a variety of functions. In general, pump stations raise sewage from a lower elevation to a higher elevation, from which the sewage can flow by gravity. Some pump stations operate continuously, some operate during wet weather, and some operate only during overflows of the system.

Pump Station PS0501 is located on Port Washington Road, 1,500 feet north of West Hampton Avenue. The pump station continuously pumps sewage from portions of Milwaukee, Glendale, Brown Deer, River Hills, and Mequon into the Port Washington Road Force Main. The pump station has four pumps that pump sewage to a higher elevation in the MIS System. All four pumps have been experiencing heavy vibrations and sewage leaking into the cooling jacket. A pump failure would result in flow being continuously diverted into the Inline Storage System.

An evaluation of the pumps identified the need to replace many of the parts in the pumps and control systems. Additionally, the pumps are near the end of their useful lives. District staff recommended repairs to Pumps 3 and 4 and replacement of Pumps 1 and 2.

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

*OP_Change_Order_MCRRs_1617_1631_PS0501_Pumps_legislative_file.docx
12-18-24*

COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Change Order Request, Purchase Order No. 13363, Material Capital Repair or Replacement Nos. 1617 and 1631, Port Washington Road Pump Station, PS0501 Sewage Pumps 1, 2, 3, and 4, Project C98055

The District issued a purchase order to VWM in June 2024 in an amount not to exceed \$422,193. VWM had competitively bid the work and awarded a construction contract to Cornerstone One, LLC (Cornerstone). Under this purchase order, VWM is responsible for managing and overseeing the contract with Cornerstone.

Once work began and the first pump was removed, Cornerstone observed that the flexible connectors on the suction and discharge sides of the pump were deteriorated and needed replacement. Flexible connectors are used on piping connected to rotating equipment to reduce noise and vibration transmission. Staff is requesting authorization for a change order to replace the suction and discharge flexible connector for all four pumps. The cost to procure and install eight new flexible connectors, including VWM markup, is \$77,933.

CHANGE ORDER SUMMARY

PURCHASE ORDER	AMOUNT	PERCENT INCREASE OVER ORIGINAL PURCHASE ORDER	AUTHORIZED BY	SWMBE*
Original	\$422,192.26		Commission	1%
Requested Change Order	\$77,933.00	18.5%	Request of Commission	0%
TOTAL	\$500,125.26			0%

*Small, Women, and Minority Business Enterprise (SWMBE) participation shown is for contract between VWM and Cornerstone and does not include VWM markup.

This change order will not affect the overall construction schedule due to the extended lead time of the two new pumps.

RESOLUTION

Change Order Request, Purchase Order No. 13363, Material Capital Repair or Replacement Nos. 1617 and 1631, Port Washington Road Pump Station, PS0501 Sewage Pumps 1, 2, 3, and 4, Project C98055

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to execute a change order to Purchase Order No. 13363, Material Capital Repair or Replacement Nos. 1617 and 1631, Port Washington Road Pump Station, PS0501 Sewage Pumps 1, 2, 3, and 4, Project C98055, with Veolia Water Milwaukee, LLC, in an amount not to exceed \$77,933.