



COMMISSION FILE NO: 21-120-9 **DATE INTRODUCED:** September 13, 2021

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 to Purchase Order No. 10584, Material Capital Repair or Replacement Nos. 1125, Inline Storage System Dropshaft Site, NS12; 1147, Inline Storage System Dropshaft Site, NS09; and 1203, Diversion Chamber DC0705 Hydraulic Gate Cylinder Replacement, and Restore the Executive Director’s Original Delegated Authority, Project C98055

SUMMARY:

The Commission is requested to authorize the Executive Director to execute a change order for purchase order (PO) No. 10584, Material Capital Repair or Replacement Nos. 1125, Inline Storage System Dropshaft Site, NS12; 1147, Inline Storage System Dropshaft Site, NS09; and 1203, Diversion Chamber DC0705 Hydraulic Gate Cylinder Replacement, with Veolia Water Milwaukee, LLC, (VWM) in an amount not to exceed \$69,719, and to restore the Executive Director’s delegated change order authority, Project C98055.

There are 24 dropshafts that control wastewater and stormwater flow into the Inline Storage System (Deep Tunnel). Each dropshaft site contains flow control gates that are operated by hydraulic cylinders.

The NS09 dropshaft site contains two flow control gates and two hydraulic cylinders. One gate is used to control flow into the Deep Tunnel, and the other is a redundant backup gate. One hydraulic cylinder has failed, rendering its gate inoperable. A failure of the other hydraulic cylinder or gate could result in a combined sewer overflow should the gate fail to **closeopen** or a tunnel overflow should the gate fail to **openclose** during a rain event.

The Commission authorized issuance of PO 10584 to VWM to perform work on the NS09 dropshaft, along with similar work on the NS12 dropshaft site. The work at NS09 dropshaft consisted primarily of replacing the hydraulic cylinder that raises and lowers the gates. VWM had developed the scope of services, publicly bid, and entered a contract with Butters-Fetting Company to perform the work. VWM is responsible for managing this construction contract.

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

*OP_Change_Order_PO10584_MCRR1147_NS09Cylinder_legislative_file.dox
08-20-21*

COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Change Order Request to Purchase Order No. 10584, Material Capital Repair or Replacement Nos. 1125, Inline Storage System Dropshaft Site, NS12; 1147, Inline Storage System Dropshaft Site, NS09; and 1203, Diversion Chamber DC0705 Hydraulic Gate Cylinder Replacement, and Restore the Executive Director's Original Delegated Authority, Project C98055

After Butters-Fetting Company began work, several additional issues were discovered. Multiple parts had significant corrosion, were missing, or were improperly installed. The District and VWM recommend installation and replacement of the following components (that were not included in the original scope of work):

- One stainless steel stem rod.
- One stainless steel coupling.
- One thrust nut.
- Four stem guides.
- Two hydraulic isolation valves.

CONTRACT COST CHANGES

	AMOUNT	PERCENTAGE INCREASE OVER ORIGINAL CONTRACT	AUTHORIZED BY	SWMBE
Original Contract	\$200,869		Commission	0%
Previous Change Orders	\$114,456	57%	Request of Commission, ED Authority	0%
Requested Change Order	\$69,719	34.7%	Request of Commission	0%
Total Change Orders	\$184,175	91.7%		0%
TOTAL	\$385,044			0%

The Commission has delegated the Executive Director the authority to make changes to construction contracts up to a cumulative amount of \$50,000 for contracts that were originally less than \$500,000. To date the Executive Director has utilized \$47,020 of this authority, leaving a balance of \$2,980. The request to restore the Executive Director's authority is in case any additional construction changes beyond the remaining Executive Director's authority are necessary. Without this restored authority, work may need to stop while staff obtains necessary change order authority from the Commission.

RESOLUTION

Change Order Request to Purchase Order No. 10584, Material Capital Repair or Replacement Nos. 1125, Inline Storage System Dropshaft Site, NS12; 1147, Inline Storage System Dropshaft Site, NS09; and 1203, Diversion Chamber DC0705 Hydraulic Gate Cylinder Replacement, and Restore the Executive Director's Original Delegated Authority, Project C98055

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to execute a change order to Purchase Order No. 10584, Material Capital Repair or Replacement Nos. 1125, Inline Storage System Dropshaft Site, NS12; 1147, Inline Storage System Dropshaft Site, NS09; and 1023, Diversion Chamber DC0705 Hydraulic Gate Cylinder Replacement, with Veolia Water Milwaukee, LLC, in an amount not to exceed \$69,719, and that the Executive Director's delegated authority for Project C98055 is restored.