

COMMISSION FILE NO: 21-135-10 **DATE INTRODUCED:** October 11, 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. 11364, Material Capital Repair or Replacement No. 1275, DC0705 N. Canal Street

SUMMARY:

The Commission is requested to authorize the Executive Director to execute a change order to Purchase Order (PO) No. 11364, Material Capital Repair or Replacement No. 1275, Diversion Chamber DC0705 N. Canal Street, with Veolia Water Milwaukee, LLC, (VWM) in an amount not to exceed \$72,572.

The District owns multiple structures used to control flow of wastewater to the Inline Storage System (Deep Tunnel), the Jones Island Water Reclamation Facility, or the South Shore Water Reclamation Facility. Diversions are used by the District and VWM to direct wastewater flows during wet weather or for maintenance on downstream facilities. These chambers are part of the District's major conveyance system improvements constructed in the late 1980's and early 1990's.

Diversion Chamber DC0705, located on Canal Street near 27th Street, controls flow in the Metropolitan Interceptor Sewer system. During periods of wet weather, flow is diverted into a relief sewer using a 42-inch sluice gate. The structure is approximately 14 years old, but, due to high hydrogen sulfide levels, the concrete already has exposed aggregate, and the gate is severely corroded. A failure of the site could result in basement backups or combined sewer overflows. Staff recommended gate replacement and concrete restoration.

Under the Executive Director's authority, PO 11364 was issued to VWM to perform work on the gate and structure at DC0705. VWM had developed the scope of services, publicly bid, and entered a contract with Terra Engineering & Construction Corp. (Terra) 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_PO11364_MCRR1275_DC0705_legislative_file.docx
09-21-21

COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Change Order Request to Purchase Order No. 11364, Material Capital Repair or Replacement No. 1275, DC0705 N. Canal Street

To perform the concrete restoration work, the contractor is required to pump flow around the structure to expose the entire surface of the concrete walls. After construction began, it became apparent that actual flows were much higher than what was indicated in the construction contract document. Even with a larger pump, Terra was unable to pump down enough flow to perform the concrete restoration. This change order includes the modifications to an existing manhole for access purposes and installation of a larger pumping system and piping.

CONTRACT COST CHANGES

	AMOUNT	PERCENTAGE INCREASE OVER ORIGINAL CONTRACT	AUTHORIZED BY	SWMBE
Original Contract	\$125,486		Executive Director Authority	20%
Previous Change Orders	\$2,477	2.0%	Executive Director Authority	0%
Requested Change Order	\$72,572	57.8%	Request of Commission	0%
Total Change Orders	\$75,049	59.8%		0%
TOTAL	\$200,535			12.5%

RESOLUTION

Change Order Request to Purchase Order No. 11364, Material Capital Repair or Replacement No. 1275, DC0705 N. Canal Street

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to execute a change order to Purchase Order No. 11364, Material Capital Repair or Replacement No. 1275, Diversion Chamber DC0705 N. Canal Street, with Veolia Water Milwaukee, LLC, in an amount not to exceed \$72,572.