

COMMISSION FILE NO: 20-131-9 **DATE INTRODUCED:** September 14, 2020

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, Contract J06075C04, Effluent Traveling Water Screens Replacement at Jones Island Water Reclamation Facility and Restore the Executive Director's Original Delegated Authority

SUMMARY:

The Commission is requested to authorize the Executive Director to execute a change order to Contract J06075C04, Effluent Traveling Water Screens Replacement at Jones Island Water Reclamation Facility (JIWRF), with Doral Corporation (Doral) in an amount not to exceed \$4,241 and to restore the Executive Director's original delegated authority.

Service water is used for various plant operations, such as cleaning, equipment cooling, and fire protection. The District produces service water by pumping it from either the chlorine contact basins or from the Outer Harbor after the water has gone through two traveling water screens. The screens, located in the Effluent Pump Station, are used to remove debris from service water. If debris is not removed from the service water, it can clog downstream pumps and cause premature failure of the pumps, potentially clogging piping and equipment in the treatment plant system.

The traveling water screens remove debris by rotating screens through the service water channel and back to the surface. As the screens travel to the surface, a sprayer cleans debris off the screens and into a concrete refuse trough.

The Commission awarded Contract J06075C04 to Doral on May 20, 2019. The contract includes removing existing screens and procuring and installing two new screens, including motors and gear drives.

ATTACHMENTS: BACKGROUND ☐ KEY ISSUES ☐ RESOLUTION ☒

FISCAL NOTE ☒ S/W/MBE ☐ OTHER ☐ _____

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COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Change Order Request, Contract J06075C04, Effluent Traveling Water Screens Replacement at Jones Island Water Reclamation Facility and Restore the Executive Director's Original Delegated Authority

The original contract included reusing some existing equipment and piping. After construction began and equipment and piping was removed, it became apparent that some of this was not reusable, including a flow switch. Previous change orders included costs to provide new equipment and piping. This change order includes the cost to purchase and install a new flow switch that controls flow to the sprayer.

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 \$48,510 of this authority, leaving a balance of \$1,490. 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.

CONTRACT COST CHANGES

CONTRACT	AMOUNT	PERCENT INCREASE OVER ORIGINAL CONTRACT	AUTHORIZED BY	SWMBE
Original	\$394,000		Commission	1.0%
Previous Change Orders	\$48,510	12.3%	Executive Director	4.0%
Requested Change Order	\$4,241	1.1%	Request of Commission	0.0%
Total Change Orders	\$52,751	13.4%		3.6%
TOTAL	\$446,751			1.3%

RESOLUTION

Change Order Request, Contract J06075C04, Effluent Traveling Water Screens Replacement at Jones Island Water Reclamation Facility and Restore the Executive Director's Original Delegated Authority

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to execute a change order to Contract J06075C04, Effluent Traveling Water Screens Replacement at Jones Island Water Reclamation Facility, with Doral Corporation in an amount not to exceed \$4,241, and that the Executive Director's original delegated authority is restored.