



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

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TRANSMITTAL LETTER FOR BOARD MEETING OF JUNE 21, 2018

COMMITTEE ON MAINTENANCE AND OPERATIONS

Mr. John P. Murray, Acting Executive Director

Authorization to declare an operational emergency affecting public health and safety and award Contract 18-800-01 for Emergency Repairs to SEPA Station No. 4 in the Village of Worth, IL, to Paramount Electrical Supply, in an amount not to exceed \$100,000.00, Account Requisition 1496348 (*As Revised*)

Dear Sir:

Authority is requested by the Acting Director of Maintenance and Operations for the Board of Commissioners (Board) to declare an operational emergency to repair SEPA Station No. 4 in the Village of Worth, Illinois.

On Tuesday, May 29, 2018, Calumet trades were performing routine preventative maintenance (PM) at the SEPA No. 4 aeration station in Worth, Illinois. Water was observed in the motor control center (MCC) of the station's electrical distribution system, in addition to steam emanating from the electrical conduits feeding the MCC, indicating possible water infiltration in the electrical conduits and a short in the electrical feeds.

The station was subsequently shut down locally due to the electrical hazard and to allow for further investigation. ComEd was then contacted to shut down power to the station.

On May 30, 2018, the Calumet trades were able to access the manhole where five (5) of the eight (8) power feeds to the station were found to be compromised. As these feeds are essential to the operation of the station, emergency funding is necessary to replace the electrical feeds to the station, including 10,000 feet of 500 MCM electrical cable, connectors, and miscellaneous materials for the electrical distribution system. Calumet trades will perform the work as soon as the material is received.

This SEPA Station is of vital importance to maintaining the level of dissolved oxygen in the Calumet Sag Channel above water quality standards. With the onset of warmer weather, it is necessary to get the station back in operation as soon as possible, as it becomes more difficult to maintain dissolved oxygen levels in warmer waters. Immediate repairs to the electrical system at SEPA 4 are deemed essential in order to put the station back in operation as soon as possible to prevent the potential for deterioration of water quality. It is anticipated to take 3 months to complete all work.

Immediate repair of the SEPA station is deemed essential to the protection of the public health and environment. Therefore, in accordance with Section 11.5 of the Purchasing Act, it is recommended that the Board of Commissioners declare an operational emergency affecting public health and safety and award Contract 18-800-01 for Emergency Repairs to SEPA Station No. 4 in the Village of Worth, IL to Paramount Electrical Supply in an amount not to exceed \$100,000.00.

It is also requested that the Board fix the date on which the emergency is to terminate to August 31, 2018.

Funds are available in Account 101-68000-623070.

Requested, Brett A. Garelli, Acting Director of Maintenance and Operations, BAP:SO'C
Respectfully Submitted, David Walsh, Chairman Committee on Maintenance and Operations
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for June 21, 2018