



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

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Title: Final report on emergency 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 \$64,411.72, Purchase Order 3100091, Account 101-68000-623070 (As Revised)

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9/6/2018	1	Committee of the Whole	Recommended	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 6, 2018

COMMITTEE ON MAINTENANCE AND OPERATIONS

Mr. John P. Murray, Acting Executive Director

Final report on emergency 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 \$64,411.72, Purchase Order 3100091, Account 101-68000-623070 (As Revised)

Dear Sir:

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. It was determined that emergency funding was 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 would be able to perform the work once the materials were received.

As the operation of the SEPA station is of vital importance to maintaining the level of dissolved oxygen above water quality standards and preventing the potential for deterioration of water quality in the Calumet Sag Channel, immediate repairs to the electrical system at SEPA 4 were deemed essential to the protection of public health and the environment.

On June 21, 2018, in accordance with Section 11.5 of the Purchasing Act, the Board of Commissioners declared an operational emergency affecting public health and safety and awarded 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.

Final completion of all work replacing the feeds was completed on July 24, 2018. The final cost of the material purchased under the emergency contract was \$64,411.72. The final cost for the labor performed by the Calumet trades was \$81,193.47. Therefore, the total cost to replace the feeders at SEPA Station No. 4 was \$145,605.19.

Requested, Thomas M. Conway, 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 September 6, 2018