



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

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TRANSMITTAL LETTER FOR BOARD MEETING OF DECEMBER 1, 2016

COMMITTEE ON MAINTENANCE AND OPERATIONS

Mr. David St. Pierre, Executive Director

Final report on emergency Contract 16-700-01, Emergency Repairs to the North Side Main Switchgear, to Magnetech Industrial Services, Inc., Purchase Order 3091592, Account 201-50000-645650

Dear Sir:

On September 20, 2016, one of four main electrical circuit breakers, which feed the O'Brien Water Reclamation Plant, began showing signs of failure. The breaker was taken out of service and an inspection was scheduled with Magnetech Industrial Services, Inc. The initial inspection on September 22, 2016, indicated that a straightforward replacement of standard stock parts was all that would be required to return the breaker to service. District Trades and Magnetech staff replaced the needed parts and returned the unit to service for testing. Testing indicated that much more extensive repairs might be needed. The unit was again taken out of service for a more detailed inspection.

The second inspection on October 4, 2016, indicated that a return to service would require more extensive rehabilitation and replacement of non-stock components. As a precaution, the remaining three breakers were also inspected. The inspections indicated that all of the breakers were in need of similar rehabilitation.

Immediate repairs were needed to prevent a possible total loss of power and interruption of Plant operations.

On October 5, 2016, in accordance with Section 11.5 of the Purchasing Act, the then Acting Director of Maintenance and Operations declared an operating emergency to perform immediate repairs to the four main breakers, in the amount of \$50,000.00.

On October 10, 2016, Magnetech International Services, Inc., began work on all repairs.

Final completion under Contract 16-700-01 was achieved on October 12, 2016, with a final cost of \$40,043.20.

Respectfully submitted, John P. Murray, Director of Maintenance and Operations, BAP:SO'C:MAG:ss:pd:jc