



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Details (With Text)

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Title: Authority to increase Contract 06-218-3M (Re-Bid), Blower Nos. 9 & 10 and Air Main Installation at the Calumet Water Reclamation Plant with Mecon Industries, Inc., in an amount of \$35,859.00 from an amount of \$16,124,969.00 to an amount not to exceed \$16,160,828.00, Accounts 101-50000-612650, 401-50000-645650, and 645750, Purchase Order 5001024

Sponsors:

Indexes:

Code sections:

Attachments: 1. CO 06-218-3M

Date	Ver.	Action By	Action	Result
12/16/2010	1	Committee of the Whole	Recommended	Pass
12/16/2010	1	Board of Commissioners	Approved	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF DECEMBER 16, 2010

COMMITTEE ON PROCUREMENT

Mr. Richard Lanyon, Executive Director

Authority to increase Contract 06-218-3M (Re-Bid), Blower Nos. 9 & 10 and Air Main Installation at the Calumet Water Reclamation Plant with Mecon Industries, Inc., in an amount of \$35,859.00 from an amount of \$16,124,969.00 to an amount not to exceed \$16,160,828.00, Accounts 101-50000-612650, 401-50000-645650, and 645750, Purchase Order 5001024

Dear Sir:

On May 21, 2009, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 06-218-3M (Re-Bid), Blower Nos. 9 & 10 and Air Main Installation at the Calumet Water Reclamation Plant, to Mecon Industries, Inc., in an amount not to exceed \$16,025,240.00. The scheduled contract completion date is December 20, 2011.

As of December 3, 2010, the attached list of change orders has been approved. The effect of these change orders resulted in an increase in the amount of \$99,729.00 from the original amount awarded of \$16,025,240.00. The current contract value is \$16,124,969.00. The prior approved change orders reflect a 0.62% increase to the original contract value.

Item 1: An extra in the amount of \$21,482.00 to perform a Short Circuit Study, Coordination Study, and Arc Flash Hazard Analysis for the New Blower Building at Calumet WRP. Additional loads for the Blowers 9 & 10 and other revisions have been made to the New Blower Building power distribution system under the subject contract. In order to protect equipment and personnel, a Short Circuit Study, Coordination Study, and Arc Flash Hazard Analysis is required to obtain proper settings for protective devices. The contractor submitted an extra cost proposal in the amount of \$21,482.00. The engineer reviewed the cost proposal (CCO-10), found it

reasonable, and stated via correspondence 266, that the Engineering Department would recommend its approval.

Item 2: A net credit in the amount of \$7,506.00 for revisions to the resistance temperature detector (RTD) wiring for Blowers 6, 7, 9, and 10. RTD wiring needs to be terminated at the respective blower local control panels instead of the specified Schweitzer RTD modules in the 13.2kV switchgear room to provide better control and protection for the blowers. Therefore, the RTD modules and associated conduit and wiring will not be installed for each of the four blowers. Instead, new wiring and conduit for Blowers 9 and 10 and existing wiring for Blowers 6 and 7 will be terminated at the respective blower local control panels. The contractor submitted a cost proposal (CCO-11) for an extra in the amount of \$6,898.00 and a credit in the amount of \$14,404.00 for a net credit in the amount of \$7,506.00. The engineer reviewed the cost proposal, found it reasonable, and stated via correspondence 269, that the Engineering Department would recommend its approval.

Item 3: A net extra in the amount of \$21,883.00 for wiring revisions to convert some analog to digital input/output (I/O) points, digital to analog I/O points, and to provide additional conduit and wiring to monitor the additional strainer control panel. The work is necessary because the configuration of some I/O points did not match the blower manufacturer's design, and because the second strainer required I/O points which were not specified in the contract documents. The contractor submitted a cost proposal (CCO-14) for an extra in the amount of \$39,563.00 and a credit in the amount of \$17,680.00 for a net extra in the amount of \$21,883.00. The engineer reviewed the cost proposal, found it reasonable, and stated via correspondence 270, that the Engineering Department would recommend its approval. The above three change orders are in compliance with the Illinois Criminal Code since the change is germane to the contract.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute three change orders to increase Contract 06-218-3M (Re-Bid) in an amount of \$35,859.00 (0.22% of the current contract value) from an amount of \$16,124,969.00 to an amount not to exceed \$16,160,828.00.

Funds are available in Accounts 101-50000-612650, 401-50000-645650 and 645750.

Requested, Kenneth A. Kits, Director of Engineering, TEK:GG
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for December 16, 2010

Attachment