



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 06-212-3M Calumet TARP Pump Station Improvements, Calumet Water Reclamation Plant, to Sollit/Sachi/Alworth JV in an amount of \$484,657.00, from an amount of \$35,748,709.93, to an amount not to exceed \$36,233,366.93, Account 401-50000-645600, Purchase Order 5001404

Sponsors:

Indexes:

Code sections:

Attachments: 1. CO LOG 06-212-3M BM 08-03-17.pdf

Date	Ver.	Action By	Action	Result
8/3/2017	1	Board of Commissioners	Approved	Pass
8/3/2017	1	Committee of the Whole	Recommended	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF AUGUST 3, 2017

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to increase Contract 06-212-3M Calumet TARP Pump Station Improvements, Calumet Water Reclamation Plant, to Sollit/Sachi/Alworth JV in an amount of \$484,657.00, from an amount of \$35,748,709.93, to an amount not to exceed \$36,233,366.93, Account 401-50000-645600, Purchase Order 5001404

Dear Sir:

On May 2, 2013, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 06-212-3M Calumet TARP Pump Station Improvements, Calumet Water Reclamation Plant, to Sollit/Sachi/Alworth JV, in an amount not to exceed \$35,067,000.00. The scheduled contract completion date is May 19, 2018.

As of July 7, 2017, the attached list of change orders has been approved. The effect of these change orders resulted in an increase in an amount of \$681,709.93 from the original amount awarded of \$35,067,000.00. The current contract value is \$35,748,709.93. The prior approved change orders reflect a 1.94% increase to the original contract value.

This contract included the replacement of the four large and two small Calumet TARP pumps with six new 72 MGD pumps. The contract also included piping modifications for the new MPW-1 and MPE-1 Pumps. The contract required that a finite element analysis be performed by the contractor. The analysis indicated higher levels of stresses in the fittings and piping system of the new pump configuration than were accounted for in the contract piping design. In order to reduce these additional stress forces, modifications are necessary. The additional work includes utilizing higher strength materials, increasing the support structures and adding shear

tabs to the fitting bases. Also, it was determined that the angle of the suction piping needed to be modified to address the high stresses and provide better flow to the suction of Pumps MPW-1 and MPE-1, allowing the pumps to perform at higher efficiencies. The credit work included deleting contract piping work superseded by the new piping design. The contractor submitted a cost proposal (CCO-023) for an extra in the amount of \$525,790.00 and a credit in the amount of \$41,133.00, for a net extra in the amount of \$484,657.00. The engineer reviewed the proposal, found it to be reasonable, and stated via correspondence 725, that the Engineering Department would recommend its approval.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to increase Contract 06-212-3M in an amount of \$484,657.00 (1.36% of the current contract value), from an amount of \$35,748,709.93, to an amount not to exceed \$36,233,366.93.

Funds are available in Account 401-50000-645600.

Requested, Marcella V. Landis, Acting Director of Engineering, ECB:JAW
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 August 3, 2017

Attachment