



# Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street  
Chicago, IL 60611

## Legislation Details (With Text)

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**On agenda:** 3/16/2017      **Final action:** 3/16/2017

**Title:** Authority to increase Contract 11-195-AP Phosphorus Recovery System, Stickney Water Reclamation Plant, to Black & Veatch Construction, Inc. in an amount of \$2,810,643.00, from an amount of \$32,094,840.55, to an amount not to exceed \$34,905,483.55, Account 401-50000-645650, Purchase Order 5001478

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. CO LOG 11-195-AP, BM 3-16-17.pdf

Date	Ver.	Action By	Action	Result
3/16/2017	1	Board of Commissioners	Approved	Pass
3/16/2017	1	Committee of the Whole	Recommended	Pass

### TRANSMITTAL LETTER FOR BOARD MEETING OF MARCH 16, 2017

#### COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to increase Contract 11-195-AP Phosphorus Recovery System, Stickney Water Reclamation Plant, to Black & Veatch Construction, Inc. in an amount of \$2,810,643.00, from an amount of \$32,094,840.55, to an amount not to exceed \$34,905,483.55, Account 401-50000-645650, Purchase Order 5001478

Dear Sir:

On August 7, 2014, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 11-195-AP Phosphorus Recovery System, Stickney Water Reclamation Plant, to Black & Veatch Construction, Inc. in an amount not to exceed \$31,879,000.00. The scheduled contract completion date was October 29, 2016.

As of March 3, 2017, 2017, the attached list of change orders has been approved. The effect of these change orders resulted in an increase in an amount of \$215,840.55 from the original amount awarded of \$31,879,000.00. The current contract value is \$32,094,840.55. The prior approved change orders reflect a 0.68% increase to the original contract value.

During the testing and operation at the phosphorus recovery facility, the District had reduced the dilution water within the centrate to improve performance and minimize the chemical demand of the Ostara system. It was discovered that the dilution reduction resulted in struvite build-up inside the pumps and system that feed the Ostara reactors, as well as the piping within the centrifuge building. To prevent the build-up, an acid dosing system will be installed to reduce the pH of the centrate to a level that minimizes the formation of struvite prior to the reactors. The contractor submitted a cost proposal (CCO-024) for an extra in the amount of \$2,810,643.00. This change order will be performed on a time and material basis. The engineer reviewed the

proposal, found it reasonable, and stated via correspondence 540, that the Engineering Department would recommend its approval.

This change order is 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 a change order to increase Contract 11-195-AP in an amount not to exceed \$2,810,643.00 (8.76% of the current contract value), from an amount of \$32,094,840.55, to an amount not to exceed \$34,905,483.55.

Funds are available in Account 401-50000-645650.

Requested, Catherine O'Connor, Director of Engineering, MVL:GR

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 March 16, 2017

Attachment