



# Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street  
Chicago, IL 60611

## Legislation Details (With Text)

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**On agenda:** 10/17/2019      **Final action:** 10/17/2019

**Title:** Authority to increase Contract 16-125-4F McCook Reservoir Expanded Stage 2 Slope Stabilization and Retaining Walls, SSA, to Schwartz Excavating, Inc. in an amount of \$132,868.83, from an amount of \$8,764,623.43, to an amount not to exceed \$8,897,492.26, Account 401-50000-645630, Purchase Order 4000047

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. 16-125-4F\_Change\_Order\_Log.pdf

Date	Ver.	Action By	Action	Result
10/17/2019	1	Board of Commissioners	Approved	Pass

### TRANSMITTAL LETTER FOR BOARD MEETING OF OCTOBER 17, 2019

#### COMMITTEE ON PROCUREMENT

Mr. Brian A. Perkovich, Executive Director

Authority to increase Contract 16-125-4F McCook Reservoir Expanded Stage 2 Slope Stabilization and Retaining Walls, SSA, to Schwartz Excavating, Inc. in an amount of \$132,868.83, from an amount of \$8,764,623.43, to an amount not to exceed \$8,897,492.26, Account 401-50000-645630, Purchase Order 4000047

Dear Sir:

On April 6, 2017, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 16-125-4F McCook Reservoir Expanded Stage 2 Slope Stabilization and Retaining Walls, SSA, to Schwartz Excavating, Inc. Work on this contract was completed on November 29, 2018.

As of October 4, 2019, the attached list of change orders has been approved. The effect of these change orders resulted in an increase in an amount of \$1,425,946.43 from the original amount awarded of \$7,338,677.00. The current contract value is \$8,764,623.43. The prior approved change order reflects a 19.43% increase to the original contract value.

Item 1: An extra in an amount not to exceed \$91,703.58, is required for the installation of additional soil nail wall. The contractor submitted a cost proposal (CCO-006) for labor, materials and equipment for an additional 6,605 square feet of completed soil nail wall assembly, excluding the nails themselves. The final quantity exceeded the contract amount by 1,457 square feet and the contractor proposes to extend the units at the previously agreed upon price of \$62.94 per square foot. The engineer reviewed the proposal, found it to be reasonable and stated via correspondence 0139, that the Engineering Department would recommend its approval.

Item 2: An extra in an amount not to exceed \$191,629.90, is required for additional soil nail wall excavation and disposal as well as on site-fills. During the contract work, the elevation of the bedrock varied across the proposed work area. This variation in bedrock elevation differed from the anticipated design bedrock elevation in the plans provided to the contractor. Additionally, sections of the slope experienced erosion between the time the project was designed and when it was awarded. As such, the total cut and fill values for the overburden needed to be altered and additional material needed to be hauled away for disposal. The contractor submitted a cost proposal (CCO-007). The engineer reviewed the proposal, found it to be reasonable, and stated via correspondence 0160, that the Engineering Department would recommend its approval.

Item 3: An extra in an amount not to exceed \$10,020.22, is required for additional concrete required to fill a void in the surface of the bedrock at the southwest corner of the reservoir. The large void in front of the soil nail wall left a section of the wall unbraced and replacement of the missing rock with concrete was required to stabilize the toe of the wall. The contractor submitted a cost proposal (CCO-005). The engineer reviewed the proposal, found it to be reasonable, and stated via correspondence 0148, that the Engineering Department would recommend its approval.

Item 4: A credit in an amount not to exceed \$21,600.00, is required for the deletion of two seepage collection assemblies. The contract included unit prices for up to two (2) seepage collection assemblies to be installed in areas of excessive seepage along the soil nail wall, as needed. The seepage collection systems were ultimately not required and can be deleted.

Item 5: A credit in an amount not to exceed \$18,294.77, is required for the reduction of unused units associated with additional shotcrete previously approved. The additional shotcrete was required to fill unexpectedly large voids resulting primarily from the excavation of boulders in the reservoir slope. The originally approved value was based upon the contractor's best estimate given the known conditions at the time and the remaining units can now be deleted.

Item 6: A credit in an amount not to exceed \$120,590.10, is required for the reduction of unused units associated with the additional soil nails previously approved. The additional soil nails were required to account for differing bedrock elevations during the excavation of the soil nail wall and a tighter spacing requirement for the bottom row of nails. The originally approved value was based upon the contractor's best estimate given the known conditions at the time and the remaining units can now be deleted.

The above 6 orders are in compliance with the Illinois Criminal Code since the changes are due to circumstances not reasonably foreseeable at the time the contract was signed, and are in the best interest of the District.

The District will reduce the five percent contingency to decrease and close this purchase order. It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute six change orders to increase Contract 16-125-4F in an amount of \$132,868.83 (1.52% of the current contract value), from an amount of \$8,764,623.43, to an amount not to exceed \$8,897,492.26.

Funds are available in Account 401-50000-645630.

Requested, Catherine A. O'Connor, Director of Engineering, WSS:KMF  
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 October 17, 2019

Attachment