



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 17-838-3C, Updating and Executing Computer Models to Analyze Alternate Flood Control Measures, to CH2M Hill Engineers, Inc. in an amount of \$100,000.00, from an amount of \$520,483.00, to an amount not to exceed \$620,483.00, Account 401-50000-612430, Purchase Order 3093563

Sponsors:

Indexes:

Code sections:

Attachments: 1. 17-838-3C CO Log BM 1-10-19.pdf

| Date | Ver. | Action By | Action | Result |
|-----------|------|------------------------|-------------|--------|
| 1/10/2019 | 1 | Board of Commissioners | Approved | Pass |
| 1/10/2019 | 1 | Committee of the Whole | Recommended | Pass |

TRANSMITTAL LETTER FOR BOARD MEETING OF JANUARY 10, 2019

COMMITTEE ON PROCUREMENT

Mr. Brian A. Perkovich, Executive Director

Authority to increase Contract 17-838-3C, Updating and Executing Computer Models to Analyze Alternate Flood Control Measures, to CH2M Hill Engineers, Inc. in an amount of \$100,000.00, from an amount of \$520,483.00, to an amount not to exceed \$620,483.00, Account 401-50000-612430, Purchase Order 3093563

Dear Sir:

On March 16, 2017, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 17-838-3C Updating and Executing Computer Models to Analyze Alternate Flood Control Measures, to CH2M Hill Engineers, Inc., in an amount not to exceed \$520,483.00. The scheduled contract completion date is December 31, 2019.

This contract has no prior change orders.

The work on this contract included, among other things, updating the existing TARP model, running the model, and using an optimizer software to optimize the benefits and impacts of alternate flood control measures in various subareas within Chicago, and as-needed engineering services. An increase to the contract is required to allow for additional as-needed engineering services to perform modeling related to TARP operations and controls. The model has proven to be an effective tool for analyzing both large scale and more localized TARP issues. Examples of additional model runs that could be performed include optimization of TARP control gate operations, analysis and optimization of the McCook Reservoir Mainstream Tunnel Main Gates and future Des Plaines Inflow Tunnel Gates, analysis of transient hydraulic conditions within the tunnel system to mitigate the potential for geysering, and estimating the impact of other projects that would affect flow to TARP.

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 17-838-3C in an amount not to exceed \$100,000.00 (20% of the current contract value), from an amount of \$520,483.00, to an amount not to exceed \$620,483.00.

Funds are available in Account 401-50000-645700.

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 January 10, 2019