



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

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Title: Authority to increase purchase order to Rubinos and Mesia Engineers, Inc., for professional engineering services for Contract 09-875-3D Civil, Structural, and Architectural Engineering Consulting Services in an amount of \$1,500,000.00, from an amount of \$3,000,000.00, to an amount not to exceed \$4,500,000.00, Account 401-50000-612450, Purchase Order 3087207

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Date	Ver.	Action By	Action	Result
1/24/2019	1	Board of Commissioners	Approved	Pass
1/24/2019	1	Committee of the Whole	Recommended	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF JANUARY 24, 2019

COMMITTEE ON PROCUREMENT

Mr. Brian A. Perkovich, Executive Director

Authority to increase purchase order to Rubinos and Mesia Engineers, Inc., for professional engineering services for Contract 09-875-3D Civil, Structural, and Architectural Engineering Consulting Services in an amount of \$1,500,000.00, from an amount of \$3,000,000.00, to an amount not to exceed \$4,500,000.00, Account 401-50000-612450, Purchase Order 3087207

Dear Sir:

On September 3, 2015, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue a purchase order and enter into an agreement with Rubinos and Mesia Engineers, Inc. (RME) for professional engineering services for Contract 09-875-3D Civil, Structural, and Architectural Engineering Consulting Services, in an amount not to exceed \$3,000,000.00. The original contract completion date of December 31, 2018, was extended to December 31, 2019, to complete design work already in progress.

Currently, there is \$581,703.06 remaining on the purchase order for completion of ongoing design work. The contract provides engineering services on an as-needed basis for a three-year period and provides additional resources to reduce project backlogs, maintain critical project schedules or augment District staff when specialized design or inspections are required.

RME is completing detailed structural inspections and is currently designing the third and final phase of critical repairs of the A/B and C/D Service Tunnels at the Stickney WRP. Work on these tunnels was initiated on an emergency basis under Contract 06-153-9D, which was completed in 2007. The Phase 1 construction on the tunnels was completed in 2016 under Contract 04-131-2D, and Phase 2 of the tunnel rehabilitation is currently

in construction under Contract 04-132-3D. The final phase of work is required to extend the useful life of the remainder of the service tunnels, which contain low pressure air mains, fiber optic cables, steam piping and other critical plant components needed to maintain ongoing treatment operations. Design of the complex project is currently underway; however, insufficient budget remains to develop the necessary details and complete the work.

Similarly, RME is also performing design work for Contract 15-069-3D Rehabilitation of Steel Spandrel Beams of Pump and Blower House, O'Brien WRP. This project was initiated following the collapse of a south parapet wall in 2013 which resulted from corrosion of the structural steel framing embedded in the masonry walls. Critical work under this contract consists of reinforcing the perimeter steel members at the roof level after the masonry parapets and decorative stonework are removed above the roof elevation. The masonry parapets and stonework will be rebuilt after structural steel repairs are completed. The design is approximately 60% complete; however, due to the complexity of the work and the number of details required, the design cannot be finalized within the current budget.

Insufficient budget remains to complete on-going design work on these two critical structural rehabilitation projects. Therefore, an increase in the amount of \$1,500,000.00 is requested to complete the designs. Increasing this budget will save the time and costs associated with preparation and turnover of design work which is already in process to another consultant.

The contract has no prior change orders.

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 the purchase order in an amount of \$1,500,000.00 (50.00% of the current contract value), from an amount of \$3,000,000.00, to an amount not to exceed \$4,500,000.00.

Funds are available in Account 401-50000-612450.

Requested, Catherine A. O'Connor, Director of Engineering, ECB:VPG

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 24, 2019