



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

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Title: Authorization to amend the scope of work and agreement with Stantec, Inc., (formerly MWH Americas, Inc.), for professional engineering post award services for Contract 04-202-4F, Account 401-50000-612470, Purchase Order 3100694 (Deferred from the March 5, 2020 Board Meeting)

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4/16/2020	1	Board of Commissioners	Approved	Pass
3/5/2020	1	Board of Commissioners	Deferred	

TRANSMITTAL LETTER FOR BOARD MEETING OF APRIL 16, 2020

COMMITTEE ON PROCUREMENT

Mr. Brian A. Perkovich, Executive Director

Authorization to amend the scope of work and agreement with Stantec, Inc., (formerly MWH Americas, Inc.), for professional engineering post award services for Contract 04-202-4F, Account 401-50000-612470, Purchase Order 3100694 (*Deferred from the March 5, 2020 Board Meeting*)

Dear Sir:

On August 12, 2010, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue a purchase order and enter into an agreement with MWH Americas, Inc., for professional post award engineering services for Contract 04-202-4F, Connecting Tunnels and Gates, Thornton Composite Reservoir, Calumet Service Area, in an amount not to exceed \$9,290,289.65. The contract expires on December 31, 2020.

As of March 6, 2020, the attached list of change orders has been approved. The effect of the change order resulted in an increase in the amount of \$25,000.00 from the original amount awarded of \$9,290,289.65. The current contract value is \$9,315,289.65. The prior approved change order reflects a 0.27% increase to the original contract value.

MWH Americas, Inc. was purchased by Stantec, Inc. and on August 1, 2018, the original purchase order was closed and new purchase order 3100694 was issued to Stantec for the balance of \$3,377,367.33. Currently, \$3,079,799.71 are remaining on the purchase order.

Subsequent to issuance of the purchase order for this contract, the City of Chicago approved the development of the Lincoln Yards North (LYN) project along the Chicago River from North Avenue to Webster Avenue. Several infrastructure improvements are planned for the new development, including modifications to the

sewer infrastructure, that will be completed by the developer. The LYN development will also use green infrastructure and have separate storm sewers that discharge directly to the river, reducing the overall amount of flow to the combined sewer system. However, in reviewing the proposed modifications, staff identified that existing City of Chicago outfalls near Webster Avenue, Armitage Avenue, and Cortland Street were never adequately tied into the Mainstream Tunnel, and subsequent modeling confirmed that CSOs can occur during a six (6) month or larger storm event unless an additional connection to TARP is constructed. A new dropshaft and connection to TARP within the proposed Armitage Avenue right-of-way would increase the level of protection to greater than a five-year storm, which is consistent with most of the infrastructure in the City. Since the site is currently vacant but soon to be heavily developed, the design and construction of this work needs to be expedited.

Professional engineering services for the design and post-award engineering of the new dropshaft, connection structures, live tunnel connection and all appurtenances is required. Stantec has intimate knowledge of the Tunnel and Reservoir Plan (TARP) system, having designed many TARP tunnels and shafts within the system and has performed similar work under this agreement. Engagement with Stantec under the existing agreement presents the most expeditious manner to provide the required professional engineering services. It is estimated that the additional engineering work can be completed for less than \$200,000.00, but a contract increase is not required since some of the original scope of work and budget for the contract was not fully used. Stantec is committed to continuing to meet the Diversity Goals on this project (20 percent Minority-owned Business Enterprises, 10 percent Women-owned Business Enterprises and 10 percent Small Business Enterprises) with the new scope of work. A separate Board Letter requesting authority to add the construction project will be submitted in the future.

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 Director of Procurement and Materials Management be authorized to amend the scope of work and agreement with Stantec, Inc., with no change in total contract amount.

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 April 16, 2020