



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Details (With Text)

File #: 17-0269 **Version:** 1
Type: Agenda Item **Status:** Adopted
File created: 3/3/2017 **In control:** Procurement Committee
On agenda: 3/16/2017 **Final action:** 3/16/2017
Title: Issue a purchase order and enter into an agreement with CH2M Hill Engineers, Inc., for professional engineering services for Contract 17-838-3C, Updating and Executing Computer Models to Analyze Alternate Flood Control Measures, in an amount not to exceed \$520,483.00, Account 401-50000-612430, Requisition 1459511 (As Revised)

Sponsors:

Indexes:

Code sections:

Attachments:

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 THE BOARD MEETING OF MARCH 16, 2017

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue a purchase order and enter into an agreement with CH2M Hill Engineers, Inc., for professional engineering services for Contract 17-838-3C, Updating and Executing Computer Models to Analyze Alternate Flood Control Measures, in an amount not to exceed \$520,483.00, Account 401-50000-612430, Requisition 1459511 (*As Revised*)

Dear Sir:

Authorization is requested to issue a purchase order and enter into an agreement with CH2M Hill Engineers, Inc. (CH2M) for professional engineering services for Contract 17-838-3C, Updating and Executing Computer Models to Analyze Alternate Flood Control Measures.

The District's agreement with CH2M will consist of providing professional engineering services for Contract 17-838-3C, which will include updating the 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, arranging meetings and workshops with stakeholders, developing presentation materials for such meetings, and as-needed engineering services.

The total fee for the agreement is \$520,483.00.

The engineering services under this agreement are scheduled to last approximately 360 days and are expected to be completed in April 2018.

Deliverables to be provided under this agreement include:

- ☐ Reports
- ☐ Hydrologic and/or hydraulic models
- ☐ Technical memoranda
- ☐ Chicago sub-area based presentation materials for stakeholder meetings

The work under this Contract is a refinement and continuation of the preliminary efforts performed by CH2M under Contract 15-828-3C, Updating and Executing Computer Models to Analyze TARP Performance Under Different Scenarios. CH2M was selected by the Engineering Department to provide the needed professional engineering services because the firm has intimate knowledge of the existing TARP models as well as proposed flood control plans developed by the City of Chicago. Utilizing this firm maintains the continuity of model development and refinement. It is prudent to continue to work with CH2M for this contract, rather than initiate a new consultant selection process.

CH2M shall be paid an hourly rate based on the direct labor rate in effect for the year the work is performed, times an overall multiplier of 2.718 for office and field work, plus reimbursable direct costs, up to a total amount not to exceed \$520,483.00. It is estimated that seven key personnel will be working on the contract at various times with an anticipated total of 4,396 man-hours. The average payroll rate will be approximately \$43.39. The components of the total fee for the Agreement with CH2M are as follows:

Item:	Fee:
1. Prime Consultant Fee	
A. Direct Labor	\$132,278.14
B. Overhead and Profit	\$227,253.86
C. Total Labor Fee	\$359,532.00
2. Reimbursable Direct Costs	\$2,000.00
3. PCE Subconsultants	
A. M3 Engineering Group of Illinois, LLC (MBE/SBE)	\$106,497.00
B. SPAAN Tech, Inc. (WBE/SBE)	<u>\$52,454.00</u>
Total Fee (Not to Exceed)	\$520,483.00

The firm M3 Engineering Group of Illinois LLC is a minority Owned Business Enterprise/Small Business Enterprise (MBE/SBE). The firm SPAAN Tech, Inc. is a Women Owned Business/Small Business Enterprise (WBE/SBE). All MBE/SBE and WBE/SBE firms will actively participate in providing services for the core elements required by the agreement.

The Diversity Section has approved CH2M's proposed utilization of MBE/SBE and WME/SBE firms to ensure compliance with the District's Diversity Policy. The agreement shall be subject to the approval of the Law Department as to form and legality.

Inasmuch as the firm of CH2M possesses a high degree of professional skill, it is recommended that the Director of Procurement and Materials Management be authorized to issue a purchase order and enter into an agreement without advertising, per Section 11.4 of the Purchasing Act, in an amount not to exceed \$520,483.00.

Funds for the 2017 expenditure, in the amount of \$320,000.00, are available in Account 401-50000-612430. The expected expenditure for 2018 is \$200,483.00 and is contingent on the Board of Commissioners' approval of the District's budget for that year.

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 March 16, 2017