



# Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street  
Chicago, IL 60611

## Legislation Details (With Text)

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**Title:** Issue a purchase order and enter into an agreement with CH2M Hill Engineers, Inc., for professional engineering services for Contract 15-828-3C Updating and Executing Computer Models to Analyze TARP Performance Under Different Scenarios, in an amount not to exceed \$563,941.00, Account 401-50000-601410, Requisition 1395257

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
3/19/2015	1	Board of Commissioners	Approved	Pass
3/19/2015	1	Committee of the Whole	Recommended	Pass

### TRANSMITTAL LETTER FOR THE BOARD MEETING OF MARCH 19, 2015

#### 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 15-828-3C Updating and Executing Computer Models to Analyze TARP Performance Under Different Scenarios, in an amount not to exceed \$563,941.00, Account 401-50000-601410, Requisition 1395257

Dear Sir:

Authorization is requested to issue a purchase order and enter into an agreement with CH2M Hill Engineers, Inc. (CH2M Hill) for professional engineering services for Contract 15-828-3C Updating and Executing Computer Models to Analyze TARP Performance Under Different Scenarios.

The District's agreement with CH2M Hill will consist of providing professional engineering services for Contract 15-828-3C, which will include updating the TARP model, running the model to evaluate the benefits and impacts of various flood control measures to the Chicago area, evaluating alternatives that include proposed flood control measures being developed by the City of Chicago, evaluating different potential operational changes to the District's TARP system, and as-needed engineering services.

The total fee for the agreement is \$563,941.00.

The engineering services under this agreement are scheduled to last approximately 180 days and are expected to be completed in September 2015.

Deliverables to be provided under this agreement include:

- Reports
- Hydrologic and/or hydraulic models
- Feasibility Studies
- Opinions of Probable Cost

The work under this contract is a refinement and continuation of the preliminary efforts performed by CH2M Hill under Contract 13-810-1C Flood Control Measures within the Combined Sewer Area, Alternatives Group A. CH2M Hill 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 Hill for this contract, rather than initiate a new consultant selection process.

CH2M Hill 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 \$563,941.00. It is estimated that eight key personnel will be working on the contract at various times with an anticipated total of 4,528 man-hours. The average payroll rate will be approximately \$45.66. The components of the total fee for the Agreement with CH2M Hill are as follows:

Item:	Fee:
1.	Labor Cost - Engineering Services
A.	Direct Labor, Overhead and Profit 365,063.00
B.	CH2M Hill Engineering Services Direct Costs 2,000.00
C.	Subconsultants
I.	Fluid Clarity, Ltd. (MBE/SBE) 112,388.00
II.	SPAAN Tech, Inc. (WBE/SBE) 56,194.00
III.	University of Illinois <u>28,296.00</u>
D.	Total Engineering Services Labor Fee \$563,941.00

The work to be completed by the Minority (MBE), Small (SBE), and Women (WBE) Enterprises represents approximately 30% of the total dollar value of this agreement. Assuming the maximum cost of the agreement is reached, the MBE, SBE, and WBE firms listed will receive approximately \$168,582.00 in total compensation.

The agreement is subject to review by the Diversity Section to ensure compliance with the District's Diversity Policy and is subject to the approval of the Law Department as to form and legality.

Inasmuch as the firm of CH2M Hill 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 \$563,941.00.

Funds are available in Account 401-50000-601410

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 19, 2015