



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Details (With Text)

File #: 15-1194 **Version:** 1

Type: Agenda Item **Status:** Adopted

File created: 10/22/2015 **In control:** Procurement Committee

On agenda: 11/5/2015 **Final action:** 11/5/2015

Title: Issue a purchase order and enter into an agreement with Black and Veatch Corporation, for professional engineering post award services for Contract 13-106-4F, Des Plaines Inflow Tunnel, Stickney Service Area in an amount not to exceed \$2,396,063.42, Account 401-50000-601440, Requisition 1404340 (As Revised)

Sponsors:

Indexes:

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
11/5/2015	1	Board of Commissioners	Approved	Pass
11/5/2015	1	Committee of the Whole	Recommended	Pass

TRANSMITTAL LETTER FOR THE BOARD MEETING OF NOVEMBER 5, 2015

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue a purchase order and enter into an agreement with Black and Veatch Corporation, for professional engineering post award services for Contract 13-106-4F, Des Plaines Inflow Tunnel, Stickney Service Area in an amount not to exceed \$2,396,063.42, Account 401-50000-601440, Requisition 1404340 *(As Revised)*

Dear Sir:

Authorization is requested to issue a purchase order and enter into an agreement with Black and Veatch Corporation (B&V) for professional engineering post award services for Contract 13-106-4F, Des Plaines Inflow Tunnel, Stickney Service Area.

The District's agreement with B&V will consist of providing post award engineering services for Contract 13-106-4F, including preparation of addenda during bidding, submittal review, field visits, responding to requests for information, review of change orders and equipment manuals, coordination and support services, and as-needed engineering services. Authority to advertise the construction of Contract 13-106-4F was granted on September 17, 2015.

B&V has been selected by the Engineering Department to provide the needed professional engineering post award services because of its intimate knowledge of the specialized tunnel work to be performed under Contract 13-106-4F.

The total fee for the agreement is \$2,396,063.42.

The engineering services under this agreement are scheduled to last approximately 4 years and are expected

to be completed by November 2019.

Deliverables to be provided under this agreement include:

- Modified plans and specifications sheets for use in addenda
- Submittal review memos
- Engineering services during construction
- Request for information responses
- Request for proposals and quotations, calculations, drawings, etc.
- Final Construction Report

Design engineering services for Contract 13-106-4F were provided by B&V. B&V was selected by the Engineering Department to provide the needed professional engineering post award services because the firm, as the designer, has intimate knowledge of all the issues to be reviewed during the construction phase. Utilizing this firm maintains continuity of responsibility with one firm if problems occur during or after construction. It is prudent to continue to work with B&V for this contract, rather than initiate a new consultant selection process.

It is estimated that approximately 40 persons will be working on the contract at various times with an anticipated total of 13,448 man-hours. The estimated average consultant payroll rate for the term of the agreement is \$60.36/hour.

B&V 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 2.952 for office and field work, plus reimbursable direct costs, up to a total amount not to exceed \$2,396,063.42. The components of the total fee for the Agreement with B&V are as follows:

Item:	Fee:
1. Labor Cost - Engineering Services	
A. Direct Labor, Overhead and Profit	1,631,121.70
B. B&V's Engineering Services Direct Costs	38,000.00
C. Subconsultants	
I. Rubinos and Mesia Engineers (MBE)	297,388.00
II. Intelligent Design & Construction Solutions (WBE)	246,183.00
III. McBride Engineering (WBE)	178,920.72
IV. Best Imaging (MBE)	<u>4,450.00</u>
D. Total Engineering Services Labor Fee	\$2,396,063.42

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 \$726,941.72 in total compensation.

The Diversity Section has reviewed the Agreement and has concluded that B&V is in conformance with the District's Diversity Policy.

Inasmuch as the firm of Black and Veatch Corporation 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 \$2,396,063.42.

Funds are available in Account 401-50000-601440.

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 November 5, 2015