



# Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street  
Chicago, IL 60611

## Legislation Details (With Text)

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**Title:** Issue purchase order and enter into an agreement with Michael Baker International, Inc. for professional engineering services for Contract 13-059-1D Biennial Bridge Inspections 2016-2018, in an amount not to exceed \$250,000.00, Account 101-50000-612430, Requisition 1418894

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Date	Ver.	Action By	Action	Result
2/18/2016	1	Board of Commissioners	Approved	Pass
2/18/2016	1	Committee of the Whole	Recommended	Pass

### TRANSMITTAL LETTER FOR BOARD MEETING OF FEBRUARY 18, 2016

#### COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue purchase order and enter into an agreement with Michael Baker International, Inc. for professional engineering services for Contract 13-059-1D Biennial Bridge Inspections 2016-2018, in an amount not to exceed \$250,000.00, Account 101-50000-612430, Requisition 1418894

Dear Sir:

Authorization is requested to issue a purchase order and enter into an agreement with Michael Baker International, Inc. (Baker) for professional engineering services for Contract 13-059-1D Biennial Bridge Inspections 2016-2018.

The District's agreement with Baker consists of providing engineering services to assist the Engineering Department in meeting its maintenance responsibility for six bridges over the North Shore Channel. In accordance with the Code of Federal Regulations Title 23: Highways Part 650, National Bridge Inspection Standard (NBIS), all bridges located on public roads shall be inspected at regular intervals not to exceed two years. The next biennial bridge inspections are due in 2016. The purpose of this project is to perform a detailed Condition Evaluation, and Biennial and Fracture Critical bridge inspections, as required by the NBIS and the Illinois Department of Transportation, and act as NBIS Program Manager for each of the six bridges.

Four firms were invited to submit Statement of Qualifications (SOQs) for the project, as follows:

- Delta Engineering Group, LLC (Delta)
- GRAEF-USA, Inc. (GRAEF)
- KPFF Consulting Engineering (KPFF)

- Michael Baker International, Inc. (Baker)

SOQs were received from three consulting firms. The Engineering Department reviewed and evaluated the SOQs. Based on the review of SOQs, these three firms were invited to participate in an interview with a Selection Advisory Committee. The three firms that participated in the interview were GRAEF, KPFF and Baker. Based on the results of the oral interviews, the Selection Advisory Committee found Baker to possess the most relevant experience and to be highly qualified to perform the requested services. The Engineering Department recommends that Baker be retained to perform the engineering services for the project.

The total fee for the agreement is \$250,000.00, to be distributed over four years.

The date of completion of the work is December 31, 2019.

The level of effort required for this work encompasses six people and approximately 686 man-hours. The estimated average payroll rate for the term of the agreement is \$58.52/hour.

The components of the total fee are as follows:

<u>ITEM:</u>	<u>FEE:</u>
1. Prime Consultant Fee - Baker	
a. Direct Labor Cost	\$40,142.19
b. Overhead and Profit	<u>\$79,734.43</u>
c. Total Labor Fee	\$119,876.62
2. Reimbursable Direct Costs	\$30,123.38
3. Sub-Consultant	
a. MBE/SBE firms	\$75,000.00
b. WBE firm	\$25,000.00
TOTAL FEE (Not to Exceed)	\$250,000.00

The firms of Rubinos & Mesia Engineers, Inc. and Work Zone Safety, Inc. will work as sub-consultants on this project. Rubinos & Mesia Engineers, Inc. is a Minority-Owned Business/Small Business Enterprise (MBE/SBE) firm and Work Zone Safety, Inc. is a Women-Owned Business Enterprise (WBE) firm. All MBE/WBE/SBE firms will actively participate in providing services for the core elements required by the agreement.

The Diversity Section will review the agreement to ensure that Baker is in accordance with the District's Affirmative Action Policy.

Mr. Kent Zinn, P.E., S.E., who will serve as the Project Manager and NBIS Program Manager, is an engineer possessing a high degree of professional engineering skill at Baker. In as much as the firm of Michael Baker International, Inc. and Mr. Kent Zinn of that firm possess 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 \$250,000.00.

Funds for the 2016 expenditure, in the amount of \$90,000.000, are available in Account 101-50000-612430. The estimated expenditure for 2017 is \$30,000.00, for 2018 is \$100,000.00, and for 2019 is \$30,000. Funds for the 2017 through 2019 expenditures are contingent on the Board of Commissioners' approval of the District's budget for those years.

Requested, Catherine A. O'Connor, Director of Engineering, MVL:JKK  
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 February 18, 2016