



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 Christopher B. Burke Engineering, Ltd. for professional engineering services for Contract 09-879-5C, Implementation of Watershed Management Ordinance - Phase A, in an amount not to exceed \$169,814.77, Account 501-50000-601410, Requisition 1301563

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Date	Ver.	Action By	Action	Result
6/3/2010	1	Committee of the Whole	Recommended	Pass
6/3/2010	1	Board of Commissioners	Approved	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF JUNE 3, 2010

COMMITTEE ON PROCUREMENT

Mr. Richard Lanyon, Executive Director

Issue a purchase order and enter into an agreement with Christopher B. Burke Engineering, Ltd. for professional engineering services for Contract 09-879-5C, Implementation of Watershed Management Ordinance - Phase A, in an amount not to exceed \$169,814.77, Account 501-50000-601410, Requisition 1301563

Dear Sir:

Authorization is requested to issue a purchase order and enter into an agreement with Christopher B. Burke Engineering, Ltd. (CBBEL) for professional engineering services for Contract 09-879-5C, Implementation of Watershed Management Ordinance - Phase A, in an amount not to exceed \$169,814.77.

Pursuant to the authority for regional stormwater management granted to the District by the Illinois General Assembly under Public Act 93-1049, the District initiated development of the Cook County Watershed Management Ordinance (WMO) in 2007. The draft WMO was released for public review in September 2009 and numerous Study Sessions were conducted within the watersheds of Cook County to facilitate public comment. The municipal conferences, in conjunction with elected officials of various municipalities, requested the WMO undergo an Economic Impact Study (EIS) prior to its consideration for adoption by the Board of Commissioners. The Board of Commissioners granted authority for the draft Watershed Management Ordinance (WMO) to undergo an Economic Impact Study (EIS) on February 4, 2010. Subsequently, the Board of Commissioners approved the methodology for the EIS on May 20, 2010.

The EIS will be comprised of two components consisting of an engineering analysis and an economic analysis, each proposed to be conducted under separate agreements. The engineering analysis is proposed

to be conducted under Contract 09-879-5C, Implementation of Watershed Management Ordinance - Phase A. The technical results of the engineering analysis will be used as the basis for the economic analysis component, which will be performed by a real estate economist to be retained at a later date. The economic analysis will be presented to the Technical Advisory Committee (TAC) and Public and Private Organization Advisory Committee (PPOAC) for review and comment prior to submission to the Board of Commissioners.

The first step of the engineering analysis involves selecting five developments permitted under the effective Sewer Permit Ordinance (SPO) to serve as the baseline of comparison with the draft WMO. The selected five developments will be presented to the TAC/PPOAC for review and comment, prior to submission to the Board of Commissioners for approval.

The scope of work for this agreement consists of determining the engineering impacts of the draft WMO through:

- Comparison of detention storage for five developments
- Comparison of Detailed Watershed Plan inundation maps to floodplain maps developed by the Soil Conservation Service in the 1970s
- Comparison of effects of detention methodologies for a small watershed

As discussed above, the TAC/PPOAC will convene at three joint meetings during various stages of EIS development, which will ensure objectivity. The TAC/PPOAC will convene to review the five developments selected for comparison, the technical results of the engineering analysis component, and finally the complete EIS report, which will include the economic analysis.

The time allowed for services to be performed under this agreement is 370 calendar days from the date the contract is awarded. It is anticipated the engineering analysis will take 6-8 months and the additional time allows for the engineering consultant to address any questions posed by the real estate economist. Deliverables to be provided under this agreement include:

- Technical memorandum summarizing the five developments recommended for analysis
- Draft engineering report to be reviewed by TAC/PPOAC
- Final engineering report for use in economic analysis component of the EIS

CBBEL, Engineering Resource Associates, Inc., and Hey and Associates, Inc., were interviewed regarding professional engineering services for WMO implementation. CBBEL was determined to be best qualified to perform this work and meet the District's needs. CBBEL's team members have extensive professional experience in stormwater ordinance formulation, revision, and administration throughout northeastern Illinois. Specifically, CBBEL possesses extensive local experience and knowledge of stormwater management regulatory issues in Cook County. CBBEL has submitted a proposal in the amount of \$169,814.77 for professional engineering services regarding the aforementioned scope, and the Engineering Department has reviewed the proposal and found it to be acceptable.

The level of expertise required for the work under Contract 09-879-5C will require approximately 1,157 man-hours. The estimated average payroll rate for the term of the agreement is \$54.35 per hour.

CBBEL 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 2.645, plus reimbursable direct costs, up to a total amount not to exceed \$169,814.77.

<u>Item</u>	<u>Fee (Not to exceed)</u>
1. Labor Cost	
A. Direct Labor	\$43,618.27

B.	Overhead and Profit	<u>71,752.06</u>
C.	Total Labor Fee	\$115,370.33
2.	Reimbursable Direct Costs	\$ 3,500.00
3.	Subcontractors	
A.	MBE/SBE firms	\$33,962.96
B.	WBE/SBE firms	<u>16,981.48</u>
		\$50,944.44
Total Fee (Not to Exceed)		\$169,814.77

CBBEL intends to subcontract with Infrastructure Engineering, Inc. and McBride Engineering, Inc. to fulfill the District's Affirmative Action requirements. The firm Infrastructure Engineering, Inc. is a Minority-Owned Business Enterprise/Small Business Enterprise (MBE/SBE). The firm McBride Engineering, Inc. is a Woman-Owned Business Enterprise/Small Business Enterprise (WBE/SBE). All MBE/SBE and WBE/SBE firms will actively participate in providing services for the core elements required by this agreement.

The agreement shall be subject to the approval of the Affirmative Action Section as to compliance with the District's Affirmative Action Policy and by the Law Department as to form and legality.

Mr. Christopher B. Burke, PhD, a professional engineer possessing a high degree of skill as President of CBBEL, will serve as the project manager. Inasmuch as the firm of CBBEL, and Mr. Burke 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 \$169,814.77.

Funds for the 2010 expenditure, in the amount of \$144,000.00, are available in Account 501-50000-601410. The estimated expenditure for 2011 is \$25,814.77. Funds for the 2011 expenditure are contingent on the Board of Commissioners' approval of the District's budget for 2011.

Requested, Kenneth A. Kits, Director of Engineering, WSS:JPM

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 June 3, 2010