Legistar: 140144 **DISTRICT 6** 

## **VILLAGE OF LOMBARD** REQUEST FOR BOARD OF TRUSTEES ACTION For Inclusion on Board Agenda

X	Resolution or Ordinance (Blue) Recommendations of Boards, Cor Other Business (Pink)	Waiver of amissions & Committee	First Requested tees (Green)
TO:	PRESIDENT AND BOARD OF T	RUSTEES	
FROM:	Scott Niehaus, Village Manager		
DATE:	April 7, 2014 (COW) (B)	of T) Date: Ap	ril 17, 2014
TITLE:	Electrical Design for Lift Station a	nd Civic Center Rese	rvoir Facility Generators
SUBMITTED BY:	Brian Jack, Utilities Superintender	u bor	
BACKGROUND/PC	DLICY IMPLICATIONS:		
Electrical Design for l	Lift Stations at Garfield and Westm	ore and Civic Center	Reservoir Facility Generators
FISCAL IMPACT/F	UNDING SOURCE:		
	nt: Not-To-Exceed \$60,694.37 er/Sewer Capital Reserve 5 520.790.715.75420		
Review (as necessary)			
Village Attorney X		Dat	e
Finance Director X		Dat	e
Village Manager X		Dat	ie
NOTE:	All materials must be submitted to Manager's Office by 12:00 noon, V Distribution.		The state of the s

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To: Scott Niehaus, Village Manager

Through: Carl S. Goldsmith, Director of Public Works

From: Brian Jack, Utilities Superintendent

Date: April 7<sup>th</sup>, 2014

Subject: Electrical Design for Lift Station and

Civic Center Reservoir Facility Generators

Attached please find a resolution, contract, and fee schedule for Electrical Design for Lift Station and Civic Center Reservoir Facility Generators.

#### Background

The Department of Public Works is recommending that permanent on-site generators be installed at two lift station locations and one water pump station. Garfield Sanitary Lift Station at 1100 North Garfield Street, Westmore Sanitary Lift Station located at 1053 S Westmore Avenue. The Village made commitments through its Capital Improvement Plan (CIP) to address identified problems at these stations which come under duress during power outages. These stations have been affected by repeated power outages throughout the years and currently do not have any onsite backup generator.

The Civic Center Reservoir Water Booster Pumping Station Facility located at 1030 South Stewart Avenue is also going to have its existing generator replaced. This generator was installed in 1981 and has reached the end of its useful life. The generator at Civic Center is currently installed inside the building and consists of an outside underground diesel tank. Accessing both units for maintenance purposes has become problematic due to their location. The current diesel tank will be removed and the old generator will be decommissioned. The new generator will be placed outside the building on a new concrete pad. The generator will rest on top of a belly mounted diesel tank. The proposed generators will also meet all applicable Environmental Protection Agency (EPA) Emission requirements as required by law. The installation for the generators will be bid together under a separate contract.

The electrical portions of similarly scoped projects had been designed in house prior to 2014 but due to the complexity, coordination, and logistical issues that must be considered with the Civic Center Reservoir Facility, staff felt it was necessary to prepare a Request for Proposal seeking assistance for the electrical design of all three generators proposed in 2014. The proposal was sent to the two (2) short listed firms capable of designing such work. Both firms responded to the RFP. Christopher B. Burke Engineering LTD, (CBBEL) of Rosemont was determined to be the most qualified firm for this project. CBBEL currently is working on two projects for Public Works (Illinois Route 53 Storm Water Pump Station and the Madison and Route 53 intersection/signal).

#### Recommendation

The scope and fee were negotiated with CBBEL and agreed to by both parties. This work will be performed for a not-to-exceed design engineering services fee of \$60,694.37. The engineering costs will be charged to the Water and Sewer Capital Reserve Fund.

Please present this agreement and resolution to the President and Board of Trustees for their review at their regular meeting of April 17, 2014. If approved, please return one original signed copy to the Water Treatment and Wastewater Pumping Division for further processing.

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### RESOLUTION R 14

# A RESOLUTION AUTHORIZING SIGNATURE OF PRESIDENT AND CLERK ON AN AGREEMENT

WHEREAS, the Corporate Authorities of the Village of Lombard have received an Agreement between the Village of Lombard, and Christopher B. Burke Engineering LTD., Inc. regarding the Electrical Design for Lift Station and Civic Center Reservoir Facility Generators project as attached hereto and marked Exhibit "A"; and

WHEREAS, the Corporate Authorities deem it to be in the best interest of the Village of Lombard to approve such agreement.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS as follows:

**SECTION 1:** That the Village President be and hereby is authorized to sign on behalf of the Village of Lombard said agreement as attached hereto.

**SECTION 2:** That the Village Clerk be and hereby is authorized to attest said agreement as attached hereto.

Adopted this 17th day of April, 2014.

**Deputy Village Clerk** 

Village of Lombard - Electrical Design for Lift Stations and Civic Center Reservoir Facility Generators Fee Estimate - Phase II and Phase III Engineering Services

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