# **AM NO. 11-018 (C.7)**

MEMO TO: City Council

FROM: John Marchione, Mayor

DATE: January 18, 2011

SUBJECT: AWARD OF BID, EMERGENCY GENERATOR INSTALLATION AND

REPLACEMENT, PROJECT NO. 101400

#### I. RECOMMENDED ACTION:

Approve the award of bid for the Emergency Generator Installation and Replacement, Project No. 101400, to MKB Constructors of Kirkland, Washington, for the amount bid of \$680,245.76 including applicable state tax, and authorize the Mayor to sign the contract.

#### II. DEPARTMENT CONTACT PERSONS:

Bill Campbell, Director of Public Works	425-556-2733
Ron Grant, Assistant Public Works Director/City Engineer	425-556-2742
Dennis Brunelle, Project Manager	425-556-2724

#### III. DESCRIPTION:

This project will install a new primary emergency generator to the main emergency generator at the Public Safety Building (PSB) and replace the existing emergency generator at the Maintenance and Operations Center (MOC), as recommended in the Generator Strategic Plan presented to the City Council in February 2010.

The PSB maintains key facilities, including the 911 Call Center for the Police Department. Standby power is currently provided by using an existing generator in conjunction with a rented portable unit as backup. The existing generator is approximately 20 years old and does not have the capacity to power the entire PSB. In the Generator Strategic Plan several alternatives were evaluated.

The recommended alternative at the PSB included the following:

• install a new 400 kW generator to serve as the primary backup power;

- reconfigure the existing 250 kW generator to serve as a redundant backup to the new 400 kW generator;
- remove the existing underground fuel tank and install a new fuel storage system;
- upgrade the electrical system as needed to support the new generator; and
- address site, exhaust, and aesthetic issues.

The existing 250 kW emergency generator at the MOC currently provides backup power for the administrative building and two key lift stations. The existing system is old and needs to be replaced. In addition to replacing the existing generator, the transfer switch and electrical distribution system will be upgraded to support the new generator and accommodate potential future emergency power service to other locations at the MOC.

At its regular meeting on March 20, 2010, the City Council approved a consultant agreement with HDR Engineering to provide final engineering services to replace the emergency generators at the PSB and MOC.

#### **Bid Results**

The City Clerk received bids until 2:00 p.m. January 6, 2011. There were seven (7) bidders. The bidders and their bids, including sales tax are summarized below:

Name of Bidder	Business Location	Amount Bid
MKB Constructors, LLC	Kirkland, WA	\$680,246
PELLCO Construction, Inc.	Mountlake Terrace, WA	\$704,528
3 Kings Environmental, Inc.	Battle Ground, WA	\$718,446
Gary Harper Construction, Inc.	Snohomish, WA	\$724,159
McClure & Sons, Inc.	Mill Creek, WA	\$777,578
Anderson Environmental Contracting,	Kelso, WA	\$802,513
LLC		
Construct Co.	Sumner, WA	*

<sup>\*</sup> Proposal was considered irregular and rejected.

All bidders' unit prices, extensions and additions have been checked for accuracy and unbalanced bid items. Two additional bidders submitted proposals late and were not considered. Staff recommends award to MKB Constructors of Kirkland, WA, the lowest responsible bidder. The contractor's references were checked and found to be acceptable.

## IV. IMPACT:

A. <u>Service/Delivery:</u> This project will provide for reliable emergency generator backup power at both the Public Safety Building and Maintenance and Operations Center.

# B. Fiscal:

Estimated Project Costs:	
Construction Contract	\$ 680,246
Engineering Design and Construction Services (HDR Engr., Inc.)	220,000
City Administration	70,000
Generators (NC Power Systems Co.)	355,317
Switchboards (WESCO)	58,788
Misc.	3,500
Contingencies	52,149
Total Cost	\$1,440,000
Funding:	
General Government CIP	\$1,100,000
Wastewater CIP	170,000

170,000

\$1,440,000

## V. ALTERNATIVES:

Stormwater CIP Total Funding

City Council could choose not to award the bid; however, this would delay the replacement of the emergency generators at both the Public Safety Building and Maintenance and Operations Center that could result in unreliable emergency backup power at both locations.

#### VI. TIME CONSTRAINTS:

Award of Construction Contract

Begin Construction

Complete Construction

January 18, 2011

February 2011

May 2011

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A. Vicinity Map

/s/		1/11/2011
William J. Campbell, Director of I	Date	
Approved for Council Agenda	/s/	<u>1/11/2011</u>
	John Marchione, Mayor	Date

# **VICINITY MAP**

