

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: July 14, 2010

Board Item: V-E-5 (2)

**TABULATION OF BIDS  
LONE TREE PUMP STATION GENERATOR AND  
VFD'S AND HIGHLANDS PUMP STATION GENERATOR PROJECT  
CONTRACT 12961A**

Action by Consent

Action

Information

On July 8, 2010, bids were received for the Lone Tree Pump Station Generator and Variable Frequency Drives (VFD's) and Highlands Pump Station Generator Project. The project consists of furnishing and installing two pad-mounted, 2-MegaWatt-4160 Volt generators with sound attenuating enclosures at each PS location. Existing electrical power equipment will be removed and replaced with a new medium voltage switch gear with full remote control capability (Lone Tree Pump Station). Two generator breakers will be installed into the existing electrical power equipment, making all breakers remote operable (Highlands Pump Station). To increase the efficiency of the Lone Tree pump station, a new Motor Control Center will be installed to power all existing equipment including the three new VFD's. The new VFD operations will also be controlled with the Denver Water remote system. Two generator control panels will also be installed to allow for full electrical breaker and generator control from a single location inside the pump stations, thereby improving safety and ease of use.

Four bids were received with the low bid being submitted by Sturgeon Electric Company, Inc. of Henderson, Colorado in the amount of \$5,945,175.00. The Engineer's Estimate for the work was \$5,785,710.00.

*The Minority and Women Business Enterprise (MWBE) goal for this project has been established as 3% participation of the total project amount. Sturgeon Electric Company, Inc. achieved 3.03% MWBE participation.*

The 2010/2011 Capital Improvement Plan (MPC 1DB0032, 1DB0048, & 1DB0049) Includes funds for most of this Agreement. Additional funds will need to be added to 2011.

**RECOMMENDATION**

It is recommended the Board award Contract 12961A to Sturgeon Electric Company, Inc. for Lone Tree Pump Station Generator and VFD's and Highlands Pump Station Generator Project in the amount of \$5,945,175.00.

**Budget Considerations**

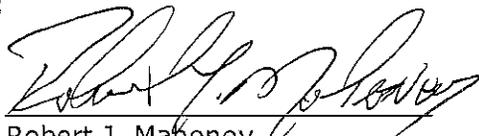
Master Plan Code(s): 1DB0032, 1DB0048, & 1DB0049

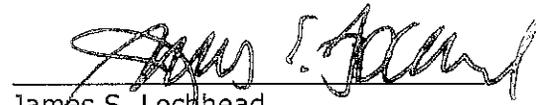
● Budgeted Item ○ Unbudgeted Item ○ Funds transferred from another project:

**Budget Information**

2010/2011 Budget	\$5,826,256.00
Amount Requested This Item	\$5,945,175.00
YTD Expenditures	\$222,979.00
Additional Expenditures Anticipated	\$431,846.00
Revised 2010/2011 Estimate	\$6,600,000.00
Additional Funds Required in 2011	\$773,744.00

Approvals:

  
Robert J. Mahoney  
Director of Engineering

  
James S. Lochhead  
CEO/Manager