



WEST BASIN MUNICIPAL WATER DISTRICT
17140 S. Avalon Blvd., Suite 210
Carson, CA 90746

AGENDA NO. 34

DECEMBER 7, 2010 – Water Resources
Little (Chair), Gray
DECEMBER 20, 2010 – Board Meeting
Prepared by: Roni Young
Submitted by: Wyatt Won
Approved by: Rich Nagel

ACTION CALENDAR

VARIABLE FREQUENCY DRIVES CONSTRUCTION AND INSTALLATION SERVICES AT THE EDWARD C. LITTLE WATER RECYCLING FACILITY

SUMMARY:

Highly treated recycled water is pumped to the West Coast Basin Barrier (Barrier) from the Edward C. Little Water Recycling Facility (ECLWRF) through three 150 horsepower and two 300 horsepower constant speed pumps. Flow is controlled using a flow control valve. As part of the Southern California Edison (SCE) energy incentive and rebate program, West Basin Municipal Water District (West Basin) could save power costs by installing variable frequency drives (VFDs) on two of the larger size barrier pumps.

The Board approved the contract for consulting services to design VFDs for Barrier pumps at the ECLWRF to Lee & Ro, Inc. in January 2010. The design was completed by the end of September 2010. Staff issued a "Request for Bids" for the construction and installation services on October 26, 2010. The bids were due on November 18, 2010. Four bids were received and are listed below.

FIRM	LOCATION	COST
Southern Contracting Co.	San Marcos	\$252,200
Big Sky Electric Inc.	Ontario	\$283,360
Mass Electric Construction Co.	La Verne	\$302,000
Hidden Valley Pump Systems	Valley Center	\$511,425

Staff evaluated the bids and recommends the lowest responsive bidder, Southern Contracting Company for the Board's consideration.

STRATEGIC BUSINESS PLAN IMPLEMENTATION:

Goal 1: Water Reliability – West Basin is committed to innovative planning and investments to provide water supply reliability and drought protection.

Goal 2: Water Quality – West Basin is committed to providing safe, high quality water by meeting current and anticipated water quality requirements.

Goal 4: Sound Financial & Resources Management – West Basin is committed to efficient business operations, financial planning and asset management.

Goal 5: Environmental Stewardship – West Basin is committed to sustainable and environmentally-friendly business practices.

FISCAL IMPACTS:

Funds for the Barrier pumps VFDs construction and installation services are included in the Fiscal Year 2010-11 Capital Budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on December 7, 2010 and recommended for approval at the December 20, 2010 Board meeting.

RECOMMENDED MOTION:

That the Board authorizes the General Manager to enter into an agreement with the lowest responsive bidder, Southern Contracting Company for \$252,200, plus a 10% contingency, for a total not-to-exceed contract amount of \$277,420 to provide Barrier pumps VFDs construction and installation services at the ECLWRF.

LIST OF EXHIBITS:

None.