



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

AGENDA NO. 22

AUGUST 13, 2010 – Water Resources
Little (Chair), Gray
AUGUST 23, 2010 – Board Meeting
Prepared by: Roni Young
Submitted by: Wyatt Won
Approved by: Rich Nagel

CONSENT CALENDAR

BARRIER PUMPS VARIABLE FREQUENCY DRIVES CONSTRUCTION AND INSTALLATION SERVICES AT 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 could save power costs by installing variable frequency drives (VFDs) on two of the larger size Barrier pumps.

The Board approved a contract for consulting services to design VFDs for Barrier pumps at ECLWRF to Lee & Ro, Inc. in January 2010. The design is estimated to be completed by the end of August 2010. Upon completion of the design, staff will issue a "Request for Bids" (RFB) for the construction and installation services.

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 and 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 VFD Construction and Installation Services are included in the Fiscal Year 2010-11 Capital Improvement Budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on August 13, 2010 and agendaized to the August 23, 2010 Board meeting Consent Calendar.

RECOMMENDED MOTION:

This item is for information only.

LIST OF EXHIBITS:

None.

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