



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

AGENDA NO. 23

MAY 21, 2010 – Water Resources
Little (Chair), Gray
JUNE 1, 2010 – Board Meeting
Prepared by: Leighanne Kirk
Submitted by: Fernando Paludi
Approved by: Rich Nagel

ACTION CALENDAR

RESOLUTIONS FOR U.S. BUREAU OF RECLAMATION WATERSMART GRANT APPLICATIONS

SUMMARY:

West Basin Municipal Water District (West Basin) is applying to the U.S. Bureau of Reclamation's (USBR) WaterSMART Grant Program for two projects. WaterSMART is a new USBR initiative that converges, under one umbrella program, all of their former separate grant program efforts including the Basin Study Program, the Title XVI Program, and WaterSMART Grants.

Two projects, a water conservation and an operations project, are being submitted under the WaterSMART: Water and Energy Efficiency Grants for Fiscal Year 2010 Program. This program requires at least a 50% cost match provided by the applicant. For both projects, West Basin will utilize existing funding partnerships to meet this requirement.

The water conservation project is an extension of West Basin's popular Complete Restroom Retrofit Program. The project originally started in 2006 with funding provided through a Department of Water Resources (DWR) grant. The current project has a large quantity of high-efficiency urinals and self-closing faucets remaining; however, the high-efficiency toilets are almost completely exhausted. West Basin is requesting funding for Phase II of this project that will provide for additional high-efficiency toilets to be installed at commercial sites that are already aware of the program and would like to participate. West Basin will utilize leveraged funding through existing agreements through the DWR, three customer agencies and Metropolitan Water District incentives in the amount of \$349,446. The funding request to USBR is \$296,250.

The operations project includes the replacement of two variable frequency drives (VFDs) at the Barrier pumps located at the Edward C. Little Water Recycling Facility. A hydraulic testing report was completed in July 2009 by Southern California Edison (SCE) that provided an analysis on the potential cost and energy savings as a result of the retrofit. In addition, once the retrofit is completed, SCE can provide a rebate incentive in the amount of \$60,000. This leveraged funding, in addition to West Basin's funding from its Capital Improvement Program Budget in the amount of \$225,244, will provide the match. The funding request to USBR is \$225,244.

The applications were submitted to USBR on May 4, 2010. As part of the grant application process, USBR requires a resolution from the Board authorizing West Basin to enter into an agreement with them in the event that funding is awarded. The Resolutions are included in Exhibits "A" and "B."

STRATEGIC BUSINESS PLAN IMPLEMENTATION:

Goal 1, Reliability – Maintain a level of local water reliability that supports the regional economy, our community and customer agency needs.

FISCAL IMPACTS:

West Basin will provide in-kind services in the amount of \$104,530 for project management and monetary contributions from its Capital Improvement Program Budget in the amount of \$121,556. The remaining local cost share will be provided by outside agencies.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on May 21, 2010 and recommended for approval at the June 1, 2010 Board meeting.

RECOMMENDED MOTION:

1. That the Board approves, adopts and authorizes the President to sign Resolution No. 6-10-925 "A RESOLUTION OF THE BOARD OF DIRECTORS OF WEST BASIN MUNICIPAL WATER DISTRICT AUTHORIZING WEST BASIN TO ENTER INTO A GRANT AGREEMENT WITH THE U.S. BUREAU OF RECLAMATION FOR THE COMPLETE RESTROOM RETROFIT PROGRAM, PHASE II," included as Exhibit "A," and
2. That the Board approves, adopts and authorizes the President to sign Resolution No. 6-10-926 "A RESOLUTION OF THE BOARD OF DIRECTORS OF WEST BASIN MUNICIPAL WATER DISTRICT AUTHORIZING WEST BASIN TO ENTER INTO A GRANT AGREEMENT WITH THE U.S. BUREAU OF RECLAMATION FOR THE REPLACEMENT OF VARIABLE FREQUENCY DRIVES FOR THE SEAWATER BARRIER PUMPS PROJECT," included as Exhibit "B."

LIST OF EXHIBITS:

Exhibit "A" – Resolution No. 6-10-925
Exhibit "B" – Resolution No. 6-10-926