



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

AGENDA NO. 23

DECEMBER 17, 2009 – Water Resources

Little (Chair), Gray

DECEMBER 28, 2009 – Board Meeting

Prepared by: Veronica Govea

Submitted by: Marc Serna

Approved by: Rich Nagel

CONSENT CALENDAR

HARBOR/SOUTH BAY PROJECT – STIMULUS PACKAGE UPDATE

SUMMARY:

Projects Under Construction

On September 30, 2009, the U.S. Army Corps of Engineers (Army Corps) awarded two project laterals under the Harbor/South Bay Program and one project lateral under the Stimulus Federal Economic Stimulus Package (also known as the American Recovery and Reinvestment Act, "ARRA"). The Mariposa Lateral and the Anza Lateral Phase II were awarded under the Harbor/South Bay Program and the Dominguez Lateral Phase 1A, under the Federal Economic Stimulus Program.

The Army Corps will be the lead agency in the construction. West Basin will provide support during the process including support in the community outreach aspect and construction management aspects on all three laterals.

Mariposa Lateral

The Mariposa Lateral was awarded for construction to Marcon Engineering. Its construction is expected to start in the first week of February 2010. The contractor is in the process of providing construction documentation necessary prior to breaking ground.

The Mariposa Recycled Water Pipeline Lateral will convey approximately 63 acre-feet per year of recycled water to serve multiple customers within the City of El Segundo. Recycled water will primarily be used for irrigation purposes with the possibility of being used in cooling towers in the future. Among future users are Mattel, Double Tree, Xerox, Marriot, Hilton, Boeing, Toyota, Grand Plaza, and several other offices. The project will connect to the Corporate Campus El Segundo Lateral that was recently constructed by the Army Corps as part of the Harbor/South Bay Project. The Mariposa Lateral will include an estimated 6,000 lineal-feet. It is estimated that its construction will last about five months.

Dominguez Lateral Phase 1A

This project lateral was awarded for construction to Majestic Construction. It will serve recycled water to Anderson Park and the Dominguez Tech Center. Its construction is expected to start in February 2010 and take approximately eight months.

Anza Lateral Phase II

The construction of this lateral will be performed by CJW Construction, Inc. The construction is expected to start in February 2010 and will take approximately five months to construct.

The Phase II Anza Lateral will provide approximately 230 acre-feet per year (AFY) of recycled water for landscape irrigation usage to various customers throughout the City of Torrance. The project will include an estimated 16,000 lineal feet of 6- and 8-inch diameter recycled water pipeline and will extend primarily within Anza Avenue through the City of Torrance.

Projects Under Design

Carson Mall Lateral

The Carson Mall Lateral Project includes the design and construction of approximately 1,500 feet of 6- and 8-inch diameter recycled water pipeline from West Basin's existing 42-inch diameter mainline alongside the Dominguez Channel from Main Street, and extending to the planned Carson Mall and Redevelopment Center. Its design will be submitted to the Army Corps for their use in the construction project award process. It is expected that this project will be awarded for construction by late January 2010.

Torrance Booster Pump Station – City of Torrance (\$1.2 million construction)

A booster pump station and disinfection facility is required within the City of Torrance to provide adequate pressure and water quality to various future customer sites along the Anza Lateral alignment. Staff is working closely with Torrance Unified School District in the identification of the project site with the Torrance West High School. Both entities are currently working on the details of the agreement. The Torrance Booster Pump Station is under design by the Army Corps and will be constructed by West Basin utilizing funding from Cal Water Services. Funding from Cal Water would be obtained under an existing agreement that allows West Basin to construct a specified amount of recycled water conveyance capital facilities that will ultimately be owned by Cal Water.

Dominguez Lateral – Phase II

The Dominguez Lateral Phase II will be constructed within the City of Carson to serve one primary user, Texollini, for up to 330 AFY of industrial recycled water use. The lateral would consist of potentially 10,000 feet of 12- to 16-inch diameter pipeline extending easterly from the existing 42-inch diameter mainline on Wilmington Avenue through Dominguez Street, crossing the Alameda Corridor. TetraTech, under West Basin contract, is currently performing the design of the lateral. It is expected that the design of the lateral will be completed by February 2010.

Dominguez Booster Pump Station

To provide adequate hydraulic system pressure and water quality to customers served from the planned Dominguez Laterals, a booster pump station will need to be constructed within the City of Carson. The booster pump station is planned to be located within the Dominguez Hills area in the

City of Carson out of the Dominguez Lateral Phase 1A. The booster pump station will connect to the planned Harbor/South Bay Project Laterals and will include multiple pumps, a dedicated hypochlorite injection system for water quality, masonry building structure and clearwell, and electrical controls and instrumentation.

STRATEGIC BUSINESS PLAN IMPLEMENTATION:

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

Goal 3: Customer Service – West Basin is committed to providing value by understanding and meeting the needs of our customers and the communities we serve.

FISCAL IMPACTS:

A total of \$3.77 million is budgeted for the Harbor/South Bay Project capital expenditures as part of the Fiscal Year (FY) 2009-10 Capital Improvement Program. A total of \$2.7 million is planned for direct contribution to the Army Corps representing West Basin's 25% share of project costs in accordance with the Harbor/South Bay Project Cooperation Agreement. Budget for design of the ARRA projects is under West Basin's Recycled Water System Expansion Program. These design costs have been included in the FY 2009-10 Capital Improvement Budget. Construction Awareness Program Consulting and Construction Inspection Services to be provided by West Basin have also been included in the FY 2009-10 Capital Improvement Budget.

ENVIRONMENTAL COMPLIANCE:

NEPA and CEQA documentation has been prepared. NEPA approval was obtained by the Army Corps and CEQA approval was obtained by West Basin. The Notice of Determination for CEQA is now an officially filed document as of October 19, 2009.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on December 17, 2009 and agendized to the December 28, 2009 Board meeting Consent Calendar.

RECOMMENDED MOTION:

This item is for information only.

LIST OF EXHIBITS:

None.