



● **Board of Directors**
Executive Committee

August 25, 2009 Committee Meeting

8-7

Subject

Award \$465,800 contract to Grand Pacific Contractors, Inc. for the Diamond Valley Lake Boat Ramp Extension (Approp. 15334)

Description

This action awards a construction contract for completion of the boat ramp at Diamond Valley Lake (DVL). Due to anticipated water supply availability, it is expected that the lake level may rise more quickly than planned and an award of a construction contract is recommended to complete the boat extension while water levels are low. Following Executive Committee approval of award of contract, the contract will be brought back to the Board for ratification in September.

Timing and Urgency

Proceeding with this project at this time will allow completion of the boat ramp while lake levels are low, which will lower construction costs, take advantage of the current highly competitive bidding climate, and enhance community relations. Based on current demand projections, the lake level is expected to rise in upcoming months due to the availability of State project water and the completion of the Inland Feeder. A delay in award of the construction contract may result in higher water levels, which would cause an increase in construction costs or reduction of the boat ramp length.

This project has been evaluated with Metropolitan's updated CIP evaluation criteria, and is classified as a Stewardship project. Sufficient funds have previously been appropriated for this project, although it is not budgeted within Metropolitan's CIP for fiscal year 2009/10. Upon approval of this action, the fiscal year expenditure plan will be adjusted to reflect the new work. An increase in user fees is proposed to offset project costs.

Background

DVL is Southern California's largest surface water reservoir with a maximum usable storage of 810,000 acre-feet (AF). Completed in 2000, DVL is located immediately south of the city of Hemet in Riverside County. DVL provides storage to accommodate peak summer demands and drought conditions, and provides emergency storage in the event of a major earthquake. In addition, DVL benefits the surrounding communities by providing recreational opportunities.

The DVL boat ramp was constructed in 2003 to provide access to the lake for fishing and boating. The boat ramp, which has 11 lanes and is 197 feet wide, was partially extended in 2004. Its length includes approximately 475 feet of permanent cast-in-place concrete and 120 feet of a combination of removable precast concrete panels and articulated concrete mats. The existing boat ramp extends from an elevation of 1,763 feet to an approximate elevation of 1,682 feet (lake storage of 480,000 AF). The ultimate build-out plan for the ramp is to extend it to an elevation of 1,655 feet (352,100 AF), which is just above lake bottom in the vicinity of the boat ramp.

California's statewide drought and pumping restrictions in the Delta have required that Metropolitan rely on DVL to meet service area demands. As a result, on October 13, 2008, Metropolitan indefinitely suspended private boat launches at DVL when water levels reached the end of the existing boat ramp at an elevation of 1,682 feet

(480,000 AF). As of August 17, 2009, DVL has dropped to 43 percent of storage capacity (350,056 AF or 1,654 feet). To enable boating activities on the lake to continue, staff recommends that the boat ramp be extended to an elevation of 1,655 feet (353,100 AF).

On July 14, 2009, the Board authorized staff to proceed with advertisement for construction of the boat ramp extension and to increase parking and boat launch fees to recover costs. Bids have been received for the boat ramp extension and staff recommends award of the construction contract at this time.

Construction Contract Award (No funds required)

Specifications No. 1651 for the DVL boat ramp extension was advertised for bids on July 30, 2009. The work involves replacement of the existing concrete panels and articulated concrete mats with cast-in-place concrete; extension of the three middle lanes with cast-in-place concrete to elevation 1,655 feet; placement of rip-rap along outside edges of the three new lanes to protect them from wave action; and adjustment of cable guides and stop wheels. As shown in [Attachment 1](#), seven bids were received on August 18, 2009. The low bid from Grand Pacific Contractors, Inc., in the amount of \$465,800, complies with the requirements of the specifications. The six higher bids ranged from \$499,999 to \$1,004,550. The engineer's estimate was \$885,000. Staff believes the difference between the engineer's estimate and the group of low bids reflects the current highly competitive bidding environment. For this contract, Metropolitan has established a Small Business Enterprise (SBE) participation level of at least 20 percent of the bid amount. Grand Pacific Contractors, Inc. is an SBE firm and thus achieves 100 percent participation.

This action awards a \$465,800 contract to Grand Pacific Contractors, Inc. to complete construction of the DVL boat ramp extension. No additional funds are required for this action. A total of \$648,000 from Appropriation No. 15334 remaining budget will be used to complete the boat ramp extension. In addition to the amount of the contract, funds include \$71,000 for construction inspection; \$11,000 for materials, equipment, and incidentals; \$23,000 for technical support of the design consultant, Richard Brady & Associates (RBA); and \$77,200 for staff support including contract administration, environmental monitoring, preparation of as-builts, and project management.

RBA will review contractor submittals, respond to requests for information, and advise inspection staff on technical issues as they may arise. RBA was selected through a competitive process via Request for Qualifications No. 575, and the design was performed under a board-authorized agreement. For this agreement, Metropolitan has established an SBE participation level of 20 percent. No amendment to the existing RBA agreement is required for this work.

Construction inspection of the contract will be performed by Metropolitan staff. The anticipated cost of inspection as a percentage of the total construction cost is approximately 14 percent. Engineering Services' goal for inspection of contracts with construction cost less than \$3 million is 9 to 15 percent.

This project is consistent with Metropolitan's goals for sustainability by constructing facilities in a cost effective manner, consistent with board-approved objectives. See [Attachment 1](#) for the Abstract of Bids, and [Attachment 2](#) for the Location Map.

Project Milestones

February 2010 – Completion of construction

Policy

Metropolitan Water District Administrative Code Section 2413(f)(1): The Executive Committee shall act on behalf of the Board in unexpected situations and emergencies, subject to subsequent approval or ratification of the actions taken whenever such approval or ratification is required by law.

California Environmental Quality Act (CEQA)

CEQA determination for Option #1

To comply with CEQA and the State CEQA Guidelines, Metropolitan as the Lead Agency prepared a Mitigated Negative Declaration (MND) for Phases I and II of the Diamond Valley East Marina Project (Project) that included an environmental analysis on the design, construction, and operation of the boat ramp. The MND was distributed for a 30-day public review period that began on December 24, 2002, and ended on January 22, 2003. The Board later adopted the MND and the mitigation monitoring and reporting program (MMRP) on February 11, 2003. The current board action would not result in any new significant environmental impacts nor result in substantial changes to the approved Project. Hence, the previously adopted environmental documentation in conjunction with the current board action fully complies with CEQA and the State CEQA Guidelines. Accordingly, no further environmental documentation is necessary for the Board to act on with respect to the proposed action.

The CEQA determination is: Determine that the proposed actions have been previously addressed in the 2003 adopted MND and its MMRP and that no further environmental analysis or documentation is required.

CEQA determination for Option #2:

None required

Board Options

Option #1

Adopt the CEQA determination and award a \$465,800 construction contract to Grand Pacific Contractors, Inc. for the DVL boat ramp extension.

Fiscal Impact: \$648,000 in previously appropriated funds

Business Analysis: This option would allow completion of the boat ramp under dry conditions and would enhance community relations.

Option #2

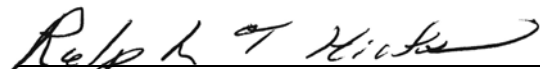
Do not award the contract and re-advertise in an attempt to receive more favorable bids.

Fiscal Impact: Unknown

Business Analysis: This option may or may not result in a lower bid, and will delay completion of the boat ramp extension. This delay may increase construction costs if water levels rise above the planned build-out elevation.

Staff Recommendation

Option #1


 _____ 8/20/2009
 Ralph T. Hicks Date
 Manager, Real Property Development and
 Management


 _____ 8/20/2009
 Jeffrey Nightlinger Date
 General Manager

Attachment 1 – Abstract of Bids

Attachment 2 – Location Map

The Metropolitan Water District of Southern California

Abstract of Bids Received on Aug. 18, 2009 at 2:00 P.M.

Specifications No. 1651

Diamond Valley Lake Boat Ramp Extension

The project consists of removal of existing precast concrete ramp panels, guide beams, temporary ramp mats, wheel stops, boarding float dock system and appurtenances; site grading and sub-base preparation; construction of new cast-in-place ramp extension and rock slope protection; and reinstallation of wheel stops, boarding float dock system and appurtenances.

Engineer's Estimate: \$885,000

Bidder and Location	Total	SBE \$	SBE %	Met SBE*
Grand Pacific Contractors, Inc. Corona, CA	\$465,800	\$465,800	100	Yes
KEC Engineering Corona, CA	\$499,999	-	-	-
John S. Meek Company, Inc. Gardena, CA	\$672,363	-	-	-
MMC, Inc. La Palma, CA	\$851,381	-	-	-
Metro Builders & Engineering Group Ltd. Newport Beach, CA	\$896,495	-	-	-
Creative Home DBA CHI Construction Anaheim, CA	\$994,430	-	-	-
Riverside Construction Company, Inc. Riverside, CA	\$1,004,550	-	-	-

*SBE (Small Business Enterprise) participation set at 20 percent

Diamond Valley Lake

