



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

MAR 14 1995

Baren E. Duff
EXECUTIVE SECRETARY

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February 7, 1995

To: Board of Directors (Engineering and Operations Committee --Action)
(Finance and Insurance Committee--Action)
(Organization and Personnel Committee--Action)

From: General Manager

Subject: Authorization No. 16 to Increase Appropriation No. 560 from \$ 615,719,000 to \$ 675,219,000 to Expend Budgeted Funds for Award of Construction Management Support Services for the Domenigoni Valley Reservoir Project.

RECOMMENDATION

It is recommended that your Board authorize an increase of \$59,500,000 in Appropriation No. 560 from the 1992 Revenue Bond Construction Fund, to a total of \$675,219,000 to expend budgeted funds to finance all related costs for Construction Management Support Services for the Domenigoni Valley Reservoir Project.

It is also recommended that the General Manager be authorized to enter into an agreement, in form approved by the General Counsel, with the Southern California Associates in accordance with the Request for Proposals No. 132, as amended, in the amount not to exceed \$59,500,000 for Construction Management Support Services for the Domenigoni Valley Reservoir Project, and be also authorized to execute contract amendments within this ceiling providing for changes in scope and personnel required.

Approval of Request

John R. Wodraska
General Manager

Submitted by:

Gary M. Snyder
Gary M. Snyder
Chief Engineer

Concur:

John R. Wodraska
John R. Wodraska
General Manager

BRIEF DESCRIPTION

Request for Proposals(RFP)No. 132 solicited proposals for Construction Management Support Services for the Domenigoni Valley Reservoir Project(DVRP) construction phase. Responses were received from five groups of companies representing, collectively, a significant cross-section of the major engineering/management/construction organizations in the country.

Minority-Owned Business Enterprise(MBE)and Women-Owned Business Enterprise(WBE) participation goals were established at 19% and 6% respectively. All respondents exceeded the goals.

Each Proposer responded according to its evaluation of the total effort that would be required to manage multiple contracts required through completion of the reservoir project. Metropolitan also requested cost information from the proposers based on an identified level of Metropolitan construction management participation. The costs ranged from approximately \$43 to \$76 million, plus the cost of optional services identified in the RFP. The recommended proposer to perform these services is Southern California Associates (SCA), a Joint Venture of Harza Engineering of California and The Parsons Corporation. Attachment B presents an Evaluation Summary leading to this recommendation. Because the number of consultant personnel required will be dependent upon the construction schedules of several independent contractors, Metropolitan will maintain responsibility regarding approval and the assignment of personnel. Optional services will include but not limited to providing: furniture and office supplies, computer hardware and software, inspection vehicles, materials testing and lab equipment, communications equipment, survey equipment, youth training programs, and supplemental outreach services.

A \$59,500,000 increase in Appropriation No. 560 is required to finance all remaining costs of Construction Management Support Services (see Attachment A).

<u>CONTRACT TYPE</u>	<u>FUNDING</u>	<u>TYPE OF COMPETITION</u>
<input checked="" type="checkbox"/> NEW <input type="checkbox"/> Amended	<input checked="" type="checkbox"/> CAPITAL - APPROPRIATION INCREASE <input type="checkbox"/> O & M	<input type="checkbox"/> COMPETITIVE BIDDING
<u>CONTRACT FORM</u> <input type="checkbox"/> LEASE <input checked="" type="checkbox"/> PROFESSIONAL SERVICES <input type="checkbox"/> CONSTRUCTION	<u>BUDGET STATUS</u> <input checked="" type="checkbox"/> FY 94/95 AMT \$169,231,200 <input type="checkbox"/> OUT-YEAR AMT _____ <input type="checkbox"/> NON-BUDGET AMT _____	<input checked="" type="checkbox"/> NEGOTIATED CONTRACT

PURPOSE/BACKGROUND

Metropolitan does not have sufficient in-house personnel to staff all construction inspection and contract administration. Accordingly, we propose to supplement our staff with experienced consultant personnel, rather than hiring and training the large number of required personnel.

CONT.

The administration/inspection group for DVRP will be a melded staff, under the direction of a Metropolitan Construction Manager. Other Metropolitan personnel will be placed throughout the group, and will make up most of the top staff positions. The intent is to insure that Metropolitan's standards of quality are incorporated into the work, and that the approach to the administration of the various contracts is consistent with Metropolitan practice.

ACTIONS & MILESTONE

Mobilization should start in April 1995. The contract completion is anticipated for January 2000.

MBE/WBE

The RFP, as amended, established certified MBE and WBE participation goals of 19 percent MBE and 6 percent WBE. SCA has committed to achieve 20.5 percent certified MBE participation and 9.5 percent certified WBE participation. The MBE and WBE subcontractors are listed in Attachment C.

CEQA COMPLIANCE / ENVIRONMENTAL DOCUMENTATION

All California Environmental Quality Act (CEQA) requirements have been satisfied for the proposed action. In October 1991, your board certified the Final Environmental Impact Report for DVRP. This action satisfied the provisions of CEQA, and no further environmental documentation or reviews are necessary for your Board to take action on this recommendation.

RFP STATISTICS

152 FIRMS REQUESTED RFP
5 FIRMS SUBMITTED PROPOSALS
5 FIRMS WERE SHORT LISTED

CURRENT CONTRACTS WITH CONSULTANT

TOTAL NUMBER:
 HARZA ENGINEERING 0
 PARSONS CORPORATION 2*

TOTAL COMBINED MAXIMUM FEES AMOUNTS:
 HARZA ENGINEERING \$0
 PARSONS CORPORATION \$11,850,000*

* THE MARCH BOARD MEETING WILL ALSO CONSIDER AUTHORIZING AWARD OF AGREEMENT FOR THE OXIDATION RETROFIT PROGRAM TO RALPH M. PARSONS COMPANY.

EVALUATION CRITERIA: (see Attachment B)**CONTRACTUAL DETAILS**

- ANTICIPATED DURATION: APPROX. 5 YEARS
 HOURLY RATES _____
 PREVAILING WAGE RATES WILL APPLY

FISCAL STATEMENT
Domenigoni Valley Reservoir and Related Facilities
(Program No.5-5600-11)

Project Summary:**Total Project**

	<u>Current Budget</u>	<u>Total Appropriation</u>
Planning	15,000,000	15,000,000
Land*	334,000,000	334,000,000
Mitigation*	32,681,000	32,681,000
Design	120,450,000	120,450,000
Construction	1,300,936,000	157,736,995
Recreation	33,000,000	0
Contingency	136,033,000	15,351,005
TOTAL	\$ 1,972,100,000	\$ 675,219,000

* Real estate costs include \$28.3 million for land purchases at the Santa Rosa Plateau and Shipley Reserve which when added to non-real estate mitigation costs of \$32.7 million results in a total mitigation value of \$61 million.

The total cost breakdowns for Revision Nos. 15 and 16 to Appropriation No. 560 are shown below:

	<u>REVISIONS NO. 15</u>	<u>AUTHORIZATION NO. 16</u>
Construction	97,983,812	97,983,812
Labor:		
Preliminary Engineering, Final Engineering, and Preparation of Specifications	26,878,741	26,878,741
Post Design	858,012	858,012
Contract Administration Inspection and Survey	6,400,000	6,400,000
Labor Subtotal	<u>34,136,753</u>	<u>34,136,753</u>
Materials and Supplies	1,337,595	1,337,595
Right of Way Acquisition	303,500,000	303,500,000
Incidental Expenses	14,761,652	14,761,652
Professional Services	140,925,298	193,925,298
Operating Equipment Use	1,483,501	1,483,501
Administrative Overhead	16,359,705	16,359,705
Contingencies	8,851,005	15,351,005
Reimbursable from Agencies	-3,620,321	-3,620,321
TOTAL	\$ 615,719,000	\$ 675,219,000

Estimated Funds Required:

REVISION	DATE	AMOUNT
Initial	June 27, 1988	8,300,000
Revision No.1	November 1, 1989	5,000,000
Revision No.2	May 2, 1989	45,000,000
Revision No.3	November 27, 1990	20,000,000
Revision No.4	February 19, 1991	15,600,000
Revision No.5	March 26, 1991	12,000,000
Revision No.6	September 24, 1991	189,100,000
Revision No.7	January 22, 1993	12,300,000
Revision No.8	September 17, 1993	112,000,000
Revision No.9	October 21, 1993	1,670,000
Revision No.10	June 28, 1994	987,000
Revision No.11	July 18, 1994	952,000
Revision No.12	July 25, 1994	19,621,000
Revision No.13	November 29, 1994	94,100,000
Revision No.14	December 23, 1994	56,758,000
Revision No.15	December 23, 1994	22,331,000
Authorization No.16	February 7, 1995	59,500,000
Remaining		1,296,881,000
TOTAL		\$ 1,972,100,000

Source of Funds:

1992 Revenue Bond Construction Fund

Class One:

Projects directly related to delivery of water.

Projected Expenditures of Funds:

Through	Fiscal Year 1992/93	\$251,800,000
	Fiscal Year 1993/94	\$109,570,000
	Fiscal Year 1994/95	\$148,974,000
	Fiscal Year 1995/96	\$411,534,800
	Fiscal Year 1996/97	\$429,510,700
	Fiscal Year 1997/98	\$399,296,600
	Fiscal Year 1998/99	\$203,538,500
	Fiscal Year 1999/2000	\$17,875,400
	TOTAL.....	\$1,972,100,000

**Evaluation Summary for RFP No. 132
Construction Management Support
Domenigoni Valley Reservoir Project**

Attachment B

Date: February 9, 1995

Firm	Team's Skills (25 pts)	Management Plan (35 pts)	Firm's Expertise (25 pts)	Cost (10 pts)	MBE/WBE (5 pts) + (5 bonus pts)	Total ^{1,2} (105 pts)	Ranking	Total Cost \$1000 ⁹	Average Billing Rate ⁵ \$/Hr	Total Hours ⁶	No. of Staff in So. Calif.
SCA	22	30	22	10	10	94	1	\$46,067	56	819,000	4000
A	20	29	23	6	10	88	2	\$60,554	73	827,196	2300
B	20	27	20	5	10	82	3	\$60,091 ³	67	901,321	⁵
C	23	27	18	4	10	82	4	\$76,167 ³	68	1,115,469 ⁷	1600
D	21	26	18	7	8	80	5	\$43,021 ⁴	65	663,698 ⁸	2000

Note: 1. 105 points possible, including 5 bonus points for added MBE/WBE participation.

2. Represents the average score of six member interview panel.
3. Proposed cost does not include escalation.
4. Assumes CPI/year stays below 2% in the next 5 years.
5. Proposer did not provide this information.
6. MWD estimate of man-hours was 850,000.
7. Number of man-hours proposed is substantially greater than MWD estimate.
8. Number of man-hours proposed is substantially less than MWD estimate.
9. Does not include optional items.

41321

**MBE/WBE PARTICIPATION FOR
Southern California Associates (SCA)**

Project Goals	MBE %	WBE %
	<u>19%</u>	<u>6%</u>

Subconsultant	Type of Services	Participation	
		MBE %	WBE %
<u>KARO Enterprice</u>	<u></u>	<u></u>	<u>1.2%</u>
<u>Psomas & Associates</u>	<u></u>	<u>5.3%</u>	<u></u>
<u>Coast Surveying, Inc.</u>	<u></u>	<u>1.6%</u>	<u></u>
<u>United Inspection & Testing Co.</u>	<u></u>	<u>5.5%</u>	<u></u>
<u>Southland Geotechnical</u>	<u></u>	<u></u>	<u>0.8%</u>
<u>Pacifica Services, Inc.</u>	<u></u>	<u>2.7%</u>	<u></u>
<u>CMTS</u>	<u></u>	<u>2.7%</u>	<u></u>
<u>E.W. Moon, Inc.</u>	<u></u>	<u>2.5%</u>	<u></u>
<u>Diaz Yourman & Associates</u>	<u></u>	<u>0.2%</u>	<u></u>
<u>MARRS Services, Inc</u>	<u></u>	<u></u>	<u>3.5%</u>
<u>Abacus Technical</u>	<u></u>	<u></u>	<u>3.6%</u>
<u>The Seville Group</u>	<u></u>	<u></u>	<u>0.4%</u>
Total Participation:		<u>20.5%</u>	<u>9.5%</u>
		MBE %	WBE %