



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

JAN 10 1995

Revised

7-7

EXECUTIVE SECRETARY

December 27, 1994

To: Board of Directors (Engineering and Operations Committee--Action)
(Organization and Personnel Committee--Action)
(Special Committee on Water Quality and
Environmental Compliance--Action)

From: General Manager

Subject: Authorization to enter into an Agreement with John M. Tettermer and Associates for
Lake Mathews Detention Basin, Lake Mathews Sediment Basins, and Relocation of
Cajalco, El Sobrante and Gavilan Roads.

RECOMMENDATION

It is recommended that the General Manager be authorized to enter into an agreement, in form approved by the General Counsel, not to exceed \$1.9 million for geotechnical investigations, design and preparation of specifications for the Lake Mathews Detention Basin Project, Lake Mathews Sediment Basins, and relocation of Cajalco, El Sobrante and Gavilan Roads.

Approval of Request

John R. Wodraska
General Manager

Submitted by:

Gary M. Snyder
Chief Engineer

Concur:

John R. Wodraska
General Manager

BRIEF DESCRIPTION

In August 1994, your Board authorized \$3.5 Million for Appropriation No. 683 for studies and design services of Metropolitan's facilities for the Lake Mathews Drainage Water Quality Management Plan. Appropriation No. 683 provides funding for the Lake Mathews Detention Basin, including earthfill detention and sedimentation dams, outlet tower and spillway, and the relocation of Cajalco, El Sobrante, and Gavilan Roads (Exhibit A), and the Lake Mathews Sediment Basins. Consultant will provide geotechnical investigations, and develop plans and specifications for these facilities.

<p><u>CONTRACT TYPE</u></p> <p><input checked="" type="checkbox"/> NEW</p> <p><input type="checkbox"/> AMENDED</p> <p><u>CONTRACT FORM</u></p> <p><input type="checkbox"/> LEASE</p> <p><input checked="" type="checkbox"/> PROFESSIONAL SERVICES</p>	<p><u>FUNDING</u></p> <p><input checked="" type="checkbox"/> CAPITAL</p> <p><input type="checkbox"/> O & M</p> <p><u>BUDGET STATUS</u></p> <p><input checked="" type="checkbox"/> FY 94/95 AMT \$3.5</p> <p><input type="checkbox"/> OUT-YEAR AMT _____</p> <p><input type="checkbox"/> NON-BUDGET AMT _____</p>	<p><u>TYPE OF COMPETITION</u></p> <p>RFQ</p> <p><input checked="" type="checkbox"/> RFP No. <u>052</u></p> <p><input type="checkbox"/> INFORMAL RFP</p> <p><input type="checkbox"/> OTHER COMPETITION</p> <p>_____</p> <p><input type="checkbox"/> SOLE SOURCE</p>
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PURPOSE/BACKGROUND

The Lake Mathews Detention Basin and Sediment Basins are intended to protect the water quality of Lake Mathews from upstream pollutants resulting from cultural development by capturing and impounding runoff from storm flows until the water quality is suitable for release into the reservoir.

Metropolitan, together with the County of Riverside, will continue to seek grant funding for reimbursement of the project cost.

ACTIONS & MILESTONES

Final design completed by December 1996.

MBE/WBE

Certified Minority-Owned Business Enterprises (MBE) and Certified Women-Owned Business Enterprises (WBE) participation will be 15 percent and 5 percent, respectively. MBE/WBE firms listed in Exhibit B.

CEQA COMPLIANCE / ENVIRONMENTAL DOCUMENTATION

The Final Environmental Impact Report for the Drainage Water Quality Management Plan for the Lake Mathews watershed was certified by the Board in January 1993.

NUMBER OF CANDIDATES

- INVITED TO RESPOND 23
 SUBMITTED PROPOSALS 8
 Short-listed 4

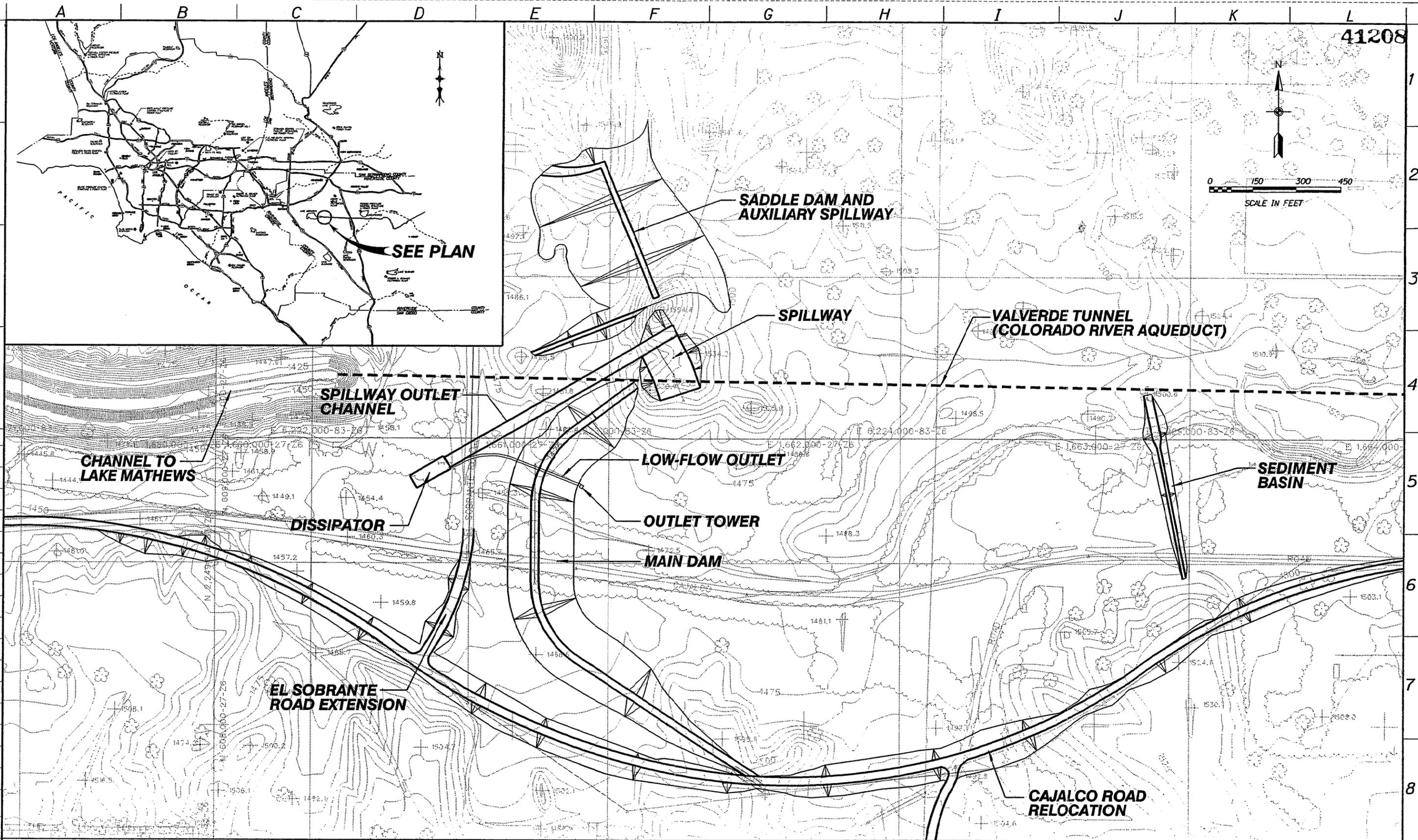
Contracts with Consultant

- TOTAL No. 0
 MAXIMUM DOLLAR AMT.

Evaluation Criteria: Technical approach; project manager/support staff; availability of qualified staff; consistency with task requirements; adequate staffing/reserve capacity; and ability to meet schedules.

Contractual Details

- ANTICIPATED DURATION 12/94--12/96
 HOURLY RATES/PROPOSED RATES EXHIBIT C



SEE PLAN

SADDLE DAM AND
AUXILIARY SPILLWAY

SPILLWAY

VALVERDE TUNNEL
(COLORADO RIVER AQUEDUCT)

SPILLWAY OUTLET
CHANNEL

CHANNEL TO
LAKE MATHEWS

LOW-FLOW OUTLET

SEDIMENT
BASIN

DISSIPATOR

OUTLET TOWER

MAIN DAM

EL SOBRANTE
ROAD EXTENSION

CAJALCO ROAD
RELOCATION

REV DATE PRJ E ARJH CIVIL STRACT MECH ELEC T & C SHES CONST O & M
CHK PRINTS

MWD METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA		
DESIGNED	RECOMMENDED	DATE
DRAWN	APPROVED	
CHECKED		

**LAKE MATHEWS DAM AND
DETENTION BASIN**

CONCEPT PLAN

EXHIBIT A

SHEET	
SPECIFICATIONS	
WORK ORDER	
DWG	REV

METROPOLITAN WATER DISTRICT

**MBE/WBE PARTICIPATION FOR
JOHN M. TETTEMER AND ASSOCIATES**

Project Goals		MBE %	WBE %
		<u>15</u>	<u>5</u>
Consultant (If Consultant is a MBE or WBE)	Type of Services	Participation MBE %	WBE %
_____	_____	_____	_____
Subconsultant (s)	Type of Services	Participation MBE	WBE
<u>FPL and Associates, Inc.</u>	<u>CAAD drafting</u>	<u>9.00%</u>	_____
<u>Drill Line</u>	<u>Drilling</u>	<u>4.04%</u>	_____
<u>Psomas</u>	<u>Surveying</u>	<u>0.22%</u>	_____
<u>Bing Yen & Associates, Inc.</u>	<u>Sediment/wetland embankment design, etc.</u>	<u>1.78%</u>	_____
_____	_____	_____	_____
<u>AMERC</u>	<u>Backhoe</u>	_____	<u>0.14%</u>
<u>dot.dat, inc.</u>	<u>gINT logs</u>	_____	<u>0.42%</u>
<u>Crafty Graphics</u>	<u>CADD, graphics</u>	_____	<u>0.20%</u>
<u>O'Rourke Engineering</u>	<u>Traffic analysis</u>	_____	<u>0.48%</u>
<u>Geo-environmental, Inc</u>	<u>CADD drafting</u>	_____	<u>3.80%</u>
_____	_____	_____	_____
Total Participation:		<u>15.04%</u> MBE	<u>5.04%</u> WBE

JOHN M. TETTEMER & ASSOCIATES, LTD.

FEE SCHEDULE

<u>Classification</u>	<u>Hourly Rates</u>
President	\$135.00
Vice President, Engineering	\$110.00
Senior Engineer	\$ 98.00
Engineer III	\$ 86.00
Senior Environmental Manager	\$ 86.00
Engineer II	\$ 73.00
Environmental Manager	\$ 71.00
Engineer I	\$ 61.00
Environmental Planner	\$ 61.00
Draftsman	\$ 55.00
Technician	\$ 50.00
Executive Secretarial Assistant	\$ 50.00
Tech/Clerical	\$ 45.00
Clerical	\$ 41.00

Direct Expenses

Expenses such as special project supplies and materials; food, lodging and transportation for time away from the Orange County area; long distance telephone calls; outside reproduction; courier/express mail; and other costs directly applicable to the project will be charged at cost.

Auto mileage will be charged at \$0.29 per mile. Computer processing time will be charged at \$19.00 per hour.

Normal xeroxing will be charged at \$0.06 per page. 2510 Xerox will be charged at \$0.50 per square foot for bond, \$0.75 per foot for vellum, and \$1.50 per square foot for mylar.

FAX transmittals will be charged at \$1.00 per page.