

APPROVED
 by the Board of Directors of
 The Metropolitan Water District
 of Southern California
 at its meeting held

MWD
 Metropolitan Water District of Southern California

OCT 11 1994

October 10, 1994

Doreen E. Wolf
 EXECUTIVE SECRETARY

Revised
 7-4

To: Board of Directors (Water Problems Committee--Action)
 (Finance and Insurance Committee--Action)

From: General Manager

Subject: Authorization for the General Manager to Enter into an Agreement for a Residential Indoor/Outdoor Water Audit Pilot Program

RECOMMENDATION:

That the General Manager be authorized to enter into an agreement with VIEWtech for an amount up to \$1.1 million for implementation of the Residential Indoor/Outdoor Water Audit Pilot Program. The project will be reimbursed \$550,000 from the U.S. Bureau of Reclamation and participating Member Agencies. The agreement will be in form approved by the General Counsel.

BRIEF DESCRIPTION

Best Management Practices #1 stipulates that agencies provide water audits to the top 20 percent of their residential water users, which could cost agencies approximately \$70-\$80 million every five years or so. There has been no study to evaluate the water saving and costs associated with a variety of different auditing techniques. The RFP (No. 124) also requires the development of a database to incorporate historical and future water billing data to enable an assessment of long-term water savings potential and cost-effectiveness of each audit type.

<p>CONTRACT TYPE</p> <p><input checked="" type="checkbox"/> NEW</p> <p><input type="checkbox"/> AMENDED</p> <p>CONTRACT FORM</p> <p><input type="checkbox"/> LEASE</p> <p><input checked="" type="checkbox"/> PROFESSIONAL SERVICES</p>	<p>FUNDING</p> <p><input type="checkbox"/> CAPITAL</p> <p><input checked="" type="checkbox"/> O & M</p> <p>BUDGET STATUS</p> <p><input checked="" type="checkbox"/> FY 94/95 AMT \$550,000</p> <p><input type="checkbox"/> OUT-YEAR AMT _____</p> <p><input type="checkbox"/> NON-BUDGET AMT _____</p>	<p>TYPE OF COMPETITION</p> <p><input type="checkbox"/> RFQ</p> <p><input checked="" type="checkbox"/> RFP No. <u>124</u></p> <p><input type="checkbox"/> INFORMAL RFP</p> <p><input type="checkbox"/> OTHER COMPETITION _____</p> <p><input type="checkbox"/> SOLE SOURCE</p>
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PURPOSE/BACKGROUND

To evaluate the cost effectiveness of seven different auditing techniques: (1) mail-in audits; (2) automatic, touch-tone telephone audits; (3) standard indoor/outdoor audits; (4) standard audits with periodic postcard reminders to adjust irrigation schedules; (5) standard audits with follow-up visits to reinforce audit recommendations; (6) standard audits with installation of low-cost retrofits (irrigation controller upgrades and improved sprinkler irrigation heads); and (7) outdoor audits only.

PURPOSE/BACKGROUND (Continued)

The program, developed with four Member Agencies, will be based on 11,000 single family audits.

Cost Sharing: Metropolitan (50% or \$550,000)
U.S. Bureau of Reclamation (40% or \$440,000)
Participating Member Agencies (10% or \$110,000)

From the four proposals received, VIEWtech was selected.

MBE/WBE

Total participation: MBE 21.9% - WBE 6.5%. --- See attached statement.

CEQA COMPLIANCE / ENVIRONMENTAL DOCUMENTATION

This action is exempt from provisions for the California Environmental Quality Act in that there is no possibility that it may have a significant adverse effect on the environment.

NUMBER OF CANDIDATES

- INVITED TO RESPOND 255
- SUBMITTED PROPOSALS 4
- SHORT-LISTED _____

CONTRACTS WITH CONSULTANT

- TOTAL NO. NO OTHER CONTRACTS
- MAXIMUM DOLLAR AMT. _____

EVALUATION CRITERIA:

RELEVANT EXPERIENCE (30), PROPOSED
METHODOLOGY (45) TEAM LOCATION (10),
MBE/WBE PARTICIPATION (10), PROGRAM
BUDGET (10)

CONTRACTUAL DETAILS

- ANTICIPATED DURATION 18 MONTHS
- HOURLY RATES SEE ATTACHED SCHEDULE

Approval of Request

John R. Wodraska
General Manager

By Debra C. Man
Debra C. Man
Chief of Planning and Resources

Concur:

John R. Wodraska
John R. Wodraska
General Manager

**MBE/WBE PARTICIPATION FOR
(NAME OF CONSULTANT)**

Project Goals	MBE %	WBE %
	<u>20</u>	<u>5</u>

Consultant (If Consultant is a MBE or WBE)	Type of Services	Participation MBE%	WBE%
<hr/>	<hr/>	<u>0</u>	<u>0</u>

Subconsultant(s)	Type of Services	Participation MBE	WBE
<u>TESCO, Inc.</u>	<u>Programming</u>		<u>6.5</u>
<u>Freeman</u>	<u>Field auditing</u>	<u>10.3</u>	
<u>Alternatives</u>	<u>Irrigation upgrades</u>	<u>11.6</u>	
<u>Diversified</u>	<hr/>		
<u>Landscape</u>	<hr/>		
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Total Participation:	<u>21.9</u>	<u>6.5</u>
	MBE	WBE

PROJECT FEE SCHEDULE

<u>Classification</u>	<u>Hourly Rate</u>
Project Manager	\$ 37.00
Systems Manager	\$ 31.00
Supervisors	\$ 25.00
Clerks	\$ 15.00
Auditors	\$ 19.00
WaterVIEW Programmers	\$125.00
VtRACS Programmers	\$ 95.00
Project Advisor	\$ 75.00
Sub-Auditors	\$ 20.00
	<u>Per Mile</u>
Mileage all audits	\$0.285
	<u>Mark-up</u>
Printed Materials	Cost + 15%
Postage Marketing	Cost + 15%
Aerators	Cost + 15%
Controllers and Labor	Cost + 15%