

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

40773

APR 12 1994

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**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA EXECUTIVE SECRETARY

March 11, 1994

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

*From:* General Manager

*Subject:* Authorization to Enter Into Agreements with Law/Crandall, Inc.  
and Dames & Moore for the Geological and Geotechnical Services  
for the Inland Feeder System

Report

In April 1993, Revision No. 6 to Appropriation No. 559 was approved by your Board authorizing the General Manager to increase funding to \$114,000,000 for all costs for planning, land acquisition, and design in advance of award of construction contracts for the Inland Feeder System project.

In support of the design phase of the Inland Feeder project, geologic and geotechnical investigation is required for the Riverside County and San Bernardino County pipeline segments. Geotechnical services will consist of analyzing geologic and seismic conditions and completing field explorations and laboratory testing of subsurface materials. This information is required to provide engineering analyses and geotechnical recommendations for design and construction of the pipeline.

Requests for Proposals (RFP) Nos. 089 and 098 for geologic/geotechnical investigations were issued in October 1993. Of the 18 responses to the RFPs, the Review Committee recommended 6 firms to make formal oral presentations. The oral presentations included the consultants' organizational capabilities, project team experience, methodology and technical approach to the project, and their Business Outreach commitment. From this evaluation, it was their recommendation to retain the services of Law/Crandall, Inc. and Dames & Moore.

Negotiations for geologic and geotechnical services with the two consultants are currently underway. Geotechnical services for Riverside County and San Bernardino County segments will be for a maximum amount payable of a total amount not to exceed \$1,400,000 for both consultants. This amount is included in the funding previously authorized by your Board in Revision No. 6 to Appropriation No. 559.

This RFP established certified subconsultants' participation goals for Minority-Owned Business Enterprises (MBE) and Women-Owned Business Enterprises (WBE) at 12 percent and 3 percent, respectively. Both consultants have exceeded the MBE/WBE goals; Law/Crandall's participation is 35 percent MBE and 3 percent WBE; and Dames & Moore's participation is 16 percent MBE and 4 percent WBE, as shown in Attachment 1.

Since your Board certified the Final Environmental Impact Report for the Inland Feeder project on February 9, 1993, no further environmental documentation is required to proceed with implementation of this project.

#### Board Committee Assignments

This letter is referred for action to:

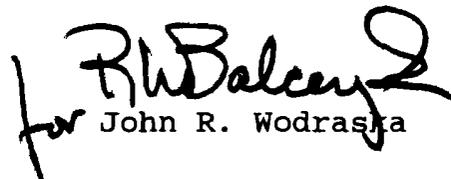
The Engineering and Operations Committee because of its selection of engineering and geologic consultants and the determination of the scope of work of their assignments, pursuant to Administrative Code 2431 (h); and

The Organization and Personnel Committee because of this Committee's jurisdiction over the terms and conditions of employment of all consultants, advisors, and special counsel, pursuant to Administrative Code 2471 (g).

#### Recommendation

#### **ENGINEERING AND OPERATIONS AND ORGANIZATION AND PERSONNEL COMMITTEES FOR ACTION.**

It is recommended that the General Manager be authorized to enter into agreements, in form approved by the General Counsel, with Law/Crandall, Inc., for a maximum amount payable of \$700,000 for Riverside County segment; and Dames & Moore with a maximum amount payable of \$700,000 for San Bernardino County segment, for geologic and geotechnical services for the Inland Feeder System project.

  
for John R. Wodraska

LBR:aj/jj  
(bd:geologic.lbr/03164)  
Attachment

## Attachment

## MBE/WBE Participation for RFP 089 and 098

## Law/Crandall, Inc.-Riverside County segment

<u>Subconsultants:</u>	<u>Type of Service</u>	<u>MBE%--WBE%</u>	
Diaz Yourman & Associates	geotechnical	5%	
The LKR Group	subsurface exploration	30%	
K2Gregg, Inc.	drilling/core penetration		2%
American Barricade, Inc.	traffic control		1%
	Total Participation	35%	3%

## Dames &amp; Moore-San Bernardino County segment

<u>Subconsultants:</u>	<u>Type of Service</u>	<u>MBE%--WBE%</u>	
SID Geotechnical	geotechnical	1%	
Leland R. Gardner & Asso.	geological	1%	
The LKR Group, Inc.	geotechnical	1%	
Howard Chang Consultant	scour analysis	6%	
F.G.R. Construction	backhoe operator	3%	
Lee & Ro Environmental Lab.	water quality analysis	1%	
Drill-line	drilling	2%	
The Arpen Group	surveying	1%	
Meyers, Nelson, Houghton & Rubicon	technical review		1%
Marrs Services	MBE coordination		1%
VIVA/POW	geotechnical manpower (Business Outreach)		2%
	Total Participation	16%	4%