

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

June 16, 1998

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

From: General Manager

Submitted by: Gary M. Snyder
Chief Engineer

Subject: Enter into an Agreement for Construction Support Services for the Arrowhead West and Other Reaches of the Inland Feeder Program

Reference: Appropriation No. 15122

RECOMMENDATION(S)

To provide for construction support services for the Arrowhead West Tunnel and other reaches of the Inland Feeder Program, it is recommended that your Board authorize the General Manager to enter into an agreement with Hatch Mott MacDonald in the amount of \$11,500,000.

EXECUTIVE SUMMARY

Approval of these recommendations will authorize the General Manager to enter into an agreement with Hatch Mott MacDonald to provide construction support services, previously planned and budgeted for the Arrowhead West Tunnel and provide construction support personnel to augment Metropolitan staff on an as-needed basis for other reaches of the Inland Feeder Program. The total estimated cost of the program remains at \$1,188,000,000.

JUSTIFICATION

The workplan for the Inland Feeder Program called for the utilization of consultants to provide construction support services for the program's pipelines and tunnels. Hatch Mott MacDonald was the successful candidate on Request for Proposal (RFP) No. 324 to provide construction support services for the Arrowhead West Tunnel and other reaches of the Inland Feeder.

ALTERNATIVE(S) TO PROPOSED ACTION

Use Metropolitan Staff

An alternative to the proposed action would be to manage the construction of the subject project using only Metropolitan staff. This alternative would require the hiring and training of personnel with the requisite experience for the duration of this project.

Re-issue Request for Proposal

Metropolitan could reinitiate the selection of a consultant to perform this work; however, a competitive process was used and Hatch Mott MacDonald was selected as the most qualified candidate out of six respondents. Reinitiating the process would result in increased administrative costs and likely result in no added benefit to Metropolitan.

ACTIONS AND MILESTONES

- Issue a Notice-To-Proceed for construction of the Arrowhead West Tunnel in June 1998
- Complete construction in mid 2002

CEQA COMPLIANCE / ENVIRONMENTAL DOCUMENTATION

All California Environmental Quality Act (CEQA) requirements have been satisfied for the proposed action. In February 9, 1993, your Board certified the Final Environmental Impact Report for the Inland Feeder Program. 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.

CONTRACT SUMMARY

Contract Status:	New	Type of Selection:	Competitive Proposals RFP No. 324
Contract Form:	Professional Services	Firms Requesting RFP:	85
Contract Type:	Time and Materials	Proposals Submitted:	6
Evaluation Criteria:	Evaluation based on qualifications, expertise, methodology, and cost-effectiveness.		

MBE / WBE

RFP No. 324 established certified Minority- and Women-Owned Business Enterprise anticipated levels (MBE/WBE) of participation for combined services at 15 percent. Hatch Mott

MacDonald has committed to achieve a minimum of 50 percent certified MBE/WBE participation. The firms committed for use are shown in Attachment A.

DETAILED REPORT

The Arrowhead West Tunnel is the first reach of the Inland Feeder Program. It is located between the Arrowhead Springs area north of the City of San Bernardino and the Department of Water Resources Devil Canyon Power Plant near California State University, San Bernardino. This reach consists of approximately 21,200 feet of tunnel and 6,600 feet of buried pipeline which passes through a variety of ground and geologic conditions. Construction is scheduled to commence in mid-1998 and complete in mid-2002.

RFP No. 324 was issued in March 1998, to provide construction support services for the Arrowhead West Tunnel. Services include enforcement and administration of the construction contract, pipeline and tunnel inspection, coordination and monitoring of grouting operations, monitoring/mapping geologic conditions, and other administrative and clerical functions.

Additionally, RFP No. 324 calls for the consultant to make available additional construction support personnel to augment Metropolitan staff on other Inland Feeder reaches on an as-needed basis. This will help to optimize project staffing and ensure sufficient staff is available during peak periods of construction.

Responses from six firms were received, evaluated, and scored based on pre-established evaluation criteria. Three of the six respondents were selected to continue to the next phase of the selection process which included an oral interview and a submittal of the firms' budget and fee schedule.

Upon evaluation of the written proposals and oral interviews, Hatch Mott MacDonald (HMM) was identified as the most technically qualified respondent (see Attachment B). In addition, HMM submitted a proposal which included a competitive budget and fee schedule. Therefore, it is recommended HMM be selected to perform construction support services for the Arrowhead West Tunnel and provide construction support personnel on other Inland Feeder reaches on an as-needed basis.

DBmg:rev3
(ArrowheadWestMacDonald)

Attachments

Attachment A

MBE/WBE PARTICIPATION
RFP No. 324

Consultant Name: Hatch Mott MacDonald

Anticipated MBE/WBE Levels of Participation: 15% Combined MBE/WBE

Name of Certified MBE/WBE Subconsultant	Work To Be Performed	Participation	
		MBE	WBE
EPC Consultants, Inc.	Inspection Services	30%	
KJM & Associates	Clerical		10%
Pac 17	Inspection Services	10%	
	Total Committed Participation	40%	10%

Evaluation Summary for RFP No. 324
Construction Support Services
Arrowhead West Tunnel - Inland Feeder Project

Attachment B
8-2
Engineering Division
June 16, 1998

Proposal Scoring

Firm	Key Personnel Qualifications (71 Points)	Firm's Qualifications (5 Points)	Management Approach (8 Points)	MBE/WBE (5 Points) + (5 Points)	Supplementary Staff Capab. (10 Points)	Office Location (1 Point)	TOTAL ^{1, 2} (105 Points)	Ranking
A	55	5	8	10	8	1	86	1
B	51	4	7	10	8	1	81	2
HMM	49	4	8	10	7	0	78	3
C	42	4	7	10	8	1	71	4
D	38	2	4	10	6	1	61	5
E	35	3	6	10	6	1	60	6

Interview Scoring

Firm	Team Qualifications (40 Points)	Firm's Qualifications (20 Points)	Approach (20 Points)	Supplementary Staff Capab. (10 Points)	Overall Presentation (10 Points)	Total ³ (100 Points)	Ranking
HMM	37	18	19	9	9	92	1
A	27	13	15	7	7	68	2
B	26	13	14	7	5	64	3

Total Scoring

Firm	Proposal Score	60% Proposal	Interview Score	40% Interview	Total ⁴	Ranking
HMM	78	47	92	37	84	1
A	86	52	68	27	79	2
B	81	49	64	26	75	3

- Notes:
1. 105 points possible, including 5 bonus points for added MBE/WBE participation.
 2. Represents the average score of the three member review panel.
 3. Represents the average score of the three member interview panel.
 4. Total score equal to the sum of 60% of proposal plus 40% of interview scores.