

June 15, 1999

**To:** Board of Directors (Engineering and Operations Committee—Action)

**From:** General Manager \_\_\_\_\_

**Submitted by:** Gary M. Snyder  
Chief Engineer \_\_\_\_\_

**Subject:** Award a Pipe Fabrication Contract for the Relocation of the Orange County Feeder into Brea Canyon Road

**Reference:** Appropriation No. 15330

**RECOMMENDATION(S)**

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It is recommended that the Board award a lump-sum pipe fabrication contract, in form approved by the General Counsel, to Ameron International in the amount of \$359,000 to relocate the Orange County Feeder into Brea Canyon Road.

**EXECUTIVE SUMMARY**

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Relocation of a portion of the Orange County Feeder (OCF) is necessary to protect the pipeline from being undermined by future storm flows in the Brea Canyon Wash. The Board authorized work and appropriated \$2,100,000 in February 1999 to cover all design, procurement, and construction costs for this project, excluding authority to award contracts over \$250,000. Since the pipe fabrication contract exceeds \$250,000, this letter requests your Board to approve this recommendation to authorize the General Manager to award a pipe fabrication contract for \$359,000 to Ameron International.

**JUSTIFICATION**

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The proposed relocation of the OCF will ensure that the pipeline will not be damaged as a result of future erosion of the canyon walls. Failure of this pipeline would significantly impact Metropolitan’s ability to provide service to its member agencies and would increase the damage to Brea Canyon Road which parallels the pipeline.

## ALTERNATIVE(S) TO PROPOSED ACTION

### **Reject all Bids and Readvertise Project**

The only feasible alternative to the recommendation is to reject all bids and readvertise the project. This would delay project completion, increase administrative costs, and may or may not result in lower bids and increased business outreach.

## ACTIONS AND MILESTONES

- May 1999 - Preliminary design completed
- August 1999 - Final design completed
- September 1999 - Start construction
- February 2000 - Complete construction

## CEQA COMPLIANCE / ENVIRONMENTAL DOCUMENTATION

All California Environmental Quality Act (CEQA) requirements have been satisfied for the proposed action. The proposed project qualifies for a categorical exemption under the California Environmental Quality Act (CEQA) because it consists of a minor alteration to an existing public facility involving negligible use beyond that previously existing (State CEQA Guidelines, section 15301). No other environmental documentation is required for this project.

## CONTRACT SUMMARY

<b>Contract Status:</b>	New	<b>Type of Selection:</b>	Competitive Bid Spec. No. 1418
<b>Contract Form:</b>	Fabrication	<b>Contractors Requesting Plans:</b>	2
<b>Contract Type:</b>	Unit Price	<b>Bids Submitted:</b>	2
<b>Evaluation Criteria:</b> Low bid that meets the requirements of the specifications			

## MBE / WBE

Due to the limited availability of minority-, women-, and other-owned business enterprises (MBE/WBE/OBE) for this work, an Anticipated Levels of Participation could not be established; however, the specifications included the policy statement encouraging the participation of MBE/WBE/OBE.

## **DETAILED REPORT**

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Relocation of the OCF into Brea Canyon Road has been undertaken to prevent the loss of the pipeline due to a catastrophic failure of the soils surrounding the OCF. During the winter of 1997/98, the Brea Canyon Wash that parallels the OCF was subjected to extremely high flood flows. These flows caused significant erosion of the earthen walls of the Brea Canyon Wash that support the adjacent OCF. Storm water runoff flowing over the top of the canyon walls and into the wash also contributed to the erosion. As a result, at two locations there is only four feet of ground cover between the canyon wall and the pipeline.

Due to the nature of the soils that comprise the canyon walls and area hydrology, erosion of the walls will continue unless protective action is taken. The uncontrolled release of water from the ruptured pipeline would greatly increase the erosion of the soils beneath the adjacent Brea Canyon Road.

By placing the OCF in the Brea Canyon Road, the roadway will act as a protective barrier for the pipeline. It is unlikely that the erosion would be allowed to progress to the point of risking loss of the Brea Canyon Road. Therefore, relocation of the OCF into the road alignment represents a reliable, cost effective solution.

The Board appropriated \$2,100,000 in February 1999 to cover all design, procurement, and construction costs for this project. Approval of this recommendation will authorize the General Manager to award a contract for an amount exceeding \$250,000.

The lowest responsible bid from Ameron International in the amount of \$359,000 complies with the requirements of the specifications, is \$39,668.50 less than the other bidder, and \$27,750 less than the project manager's estimate.

WT/mg:rev2

**Attachment 8-1A**

**Attachment 8-1A**

Specifications No. 1418

Fabricated Steel Pipe and Fittings for Orange County Feeder Relocation

Station 668+00 to Station 683+00 at Brea Canyon Road

Bid Opening: June 10, 1999 at 2:00 p.m.

Board Award: July 13, 1999

No Mandatory Minimum Subcontracting Requirement

No MBE/WBE Participation Levels

RANK	BIDDER & LOCATION	TOTAL	AMOUNT OVER LOW BIDDER	PERCENT OVER LOW BIDDER
1	Ameron International Rancho Cucamonga, CA	\$359,000.00		
2	Northwest Pipe Company Adelanto, CA	\$398,668.50	\$39,668.50	11.05%
		Average Bid	\$378,834.25	
		Median Bid	\$378,834.25	
		Project Mgr's Estimate	\$386,750.00	