



**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

JUL 12 1994

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*Baren E. Duff*  
EXECUTIVE SECRETARY

June 15, 1994

To: Board of Directors (Engineering and Operations Committee--Action)  
From: General Manager  
Subject: Award of Contract in the Amount of \$872,000 to Pascal & Ludwig Engineers for Construction of Chlorination System for Jensen Plant Expansion No. 1

Report

Specifications No. 1283, as amended, call for construction of a chlorination system consisting of a new chlorine building to house chlorinators and evaporators and piping, site, mechanical, electric, and appurtenant work. This project is required as part of the Joseph Jensen Filtration Plant Expansion No. 1.

Two bids were received under Specifications No. 1283, as amended. Information on these bids is reflected on the attached Abstract of Bids. The lowest bid, submitted by Pascal & Ludwig Engineers, in the amount of \$872,000, complies with the requirements of Specifications No. 1283, as amended, and is \$20,000 above the Engineer's estimate and \$670,990 below the other bid. Pascal & Ludwig Engineers is considered by staff to be qualified to perform this work.

Funds for this project are available under Appropriation No. 527, which covers the Jensen Expansion No. 1 project.

A Negative Declaration was prepared for the Jensen Expansion No. 1 Project and adopted by the Board in March 1989, and an Addendum to the Negative Declaration was adopted by the Board in April 1990. These actions satisfied the provisions of the California Environmental Quality Act in regard to this project. No further documentation is required.

These specifications, as amended, established certified Minority-Owned Business Enterprise (MBE) and Women-Owned Business Enterprise (WBE) participation goals of 18 percent and 4 percent, respectively. The specifications also provided that a bidder which does not meet the indicated participation goals must submit documentation of

its good faith effort to meet such goals. Pascal & Ludwig achieved 11.7 percent certified MBE participation and 4 percent certified WBE participation. The listed MBE subcontractors are Franklin Reinforcing Steel Co. and Santa Fe Builders, Inc. The listed WBE subcontractor is Action Valve & Fitting, Inc. Since Pascal & Ludwig did not meet the established participation goals, its good faith effort was reviewed by the Business Outreach Coordinator, the Legal Department, and the Engineering Division. Pascal & Ludwig's documented good faith effort meets the criteria set forth in the specifications and is acceptable.

Board Committee Assignments

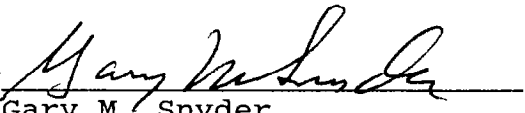
This letter is referred for action to the Engineering and Operations Committee because of its jurisdiction over initiation, scheduling, contracting, and performance of construction programs, pursuant to Administrative Code Section 2431(b).

Recommendation

**ENGINEERING AND OPERATIONS COMMITTEE FOR ACTION.**

It is recommended that the General Manager be authorized to execute a contract with Pascal & Ludwig Engineers in the amount of \$872,000 to construct a chlorination system for the Jensen plant Expansion No. 1, in accordance with Specifications No. 1283, as amended, and that, conditioned upon execution of the contract, the other bid be rejected.

John R. Wodraska  
General Manager

By   
Gary M. Snyder  
Chief Engineer

Concur:

  
John R. Wodraska  
General Manager

PCA/jj  
(bd:aocpas.pca-06154)  
Attachment

## ATTACHMENT

## THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

*Abstract of Bids Received June 2, 1994, at 10:00 a.m.*

*Specifications No. 1283, as Amended  
Chlorination System for Jensen Plant Expansion No. 1*

The work under these specifications consists of construction of a new chlorine building to house chlorinators and evaporators, piping penetrations through the existing influent cross tunnel, a pipe trench for chlorine gas vacuum lines, and site, mechanical equipment, electric, other piping, and appurtenant work. Metropolitan will furnish major mechanical equipment, and the contractor will install the equipment in the new building. This work is to be completed within 110 working days after the contractor receives the Notice to Proceed. Under this schedule, the work will be completed by January 1995.

Engineer's Estimate: \$852,000

Bidder & Location	Mobilization	Construction	Total 1&2
Pascal & Ludwig Engineers Ontario, California	\$20,000	\$852,000	\$872,000
Doty Bros. Equipment Co. Norwalk, California	\$20,000	\$1,522,990	\$1,542,990