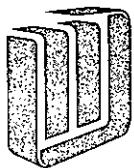


APPROVED
by the Board of Directors of
The Metropolitan Water District
of Southern California
at its meeting held

7-2

APR 14 1992

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA


EXECUTIVE SECRETARY

March 27, 1992

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

From: General Manager

Subject: Award of \$249,000 Contract (Plus Costs for Start-Up Engineer Services) to Chemineer, Inc., for Furnishing Hydrofoil Flocculators for Jensen Expansion No. 1 Under Specifications No. 1240A

Report

The Notice Inviting Bids for Specifications No. 1240A was advertised January 3, 1992 for bids to be received February 6, 1992. All of the bids under the original Specifications No. 1240 were rejected due to unacceptable exceptions. Specifications No. 1240A provide more flexibility to the manufacturers while maintaining the standards required by Metropolitan.

Specifications No. 1240A call for the contractor to furnish nine low-shear, vertical-shaft, hydrofoil-type flocculators and one set of spare parts. The technical services of a flocculator start-up engineer and a variable-frequency-speed-controller start-up engineer will be included under the contract; however, costs for these services are not included in the bid price used for evaluation purposes. These new flocculators will replace the existing high-velocity, vertical-turbine flocculators for improving efficiency at one of four basins under Jensen Expansion No. 1. If, after a one-year test period, the hydrofoil flocculators have proven to be satisfactory, the remaining three basins may also be retrofitted with this type of equipment. Specifications No. 1240A include an option for furnishing flocculators for the remaining basins. Should Metropolitan later decide to purchase the additional flocculators, your Board's approval will be sought at that time. All of the specified flocculators and spare parts are to be delivered within 250 calendar days after the Contractor receives the Notice to Proceed. Under this schedule, delivery should be complete by March 1993.

On February 6, 1992, four bids were received under Specifications No. 1240A. Attachment A provides an abstract of these bids. The apparent low bid was submitted by The Burhans-Sharpe Company. However, after review of the bid by the project engineer, it was found to include unacceptable

flocculator motors and to be noncompliant with the design testing and experience requirements. The low responsive bid was submitted by Chemineer, Inc., in the amount of \$249,000, plus the costs for the start-up engineers' services. This bid is \$31,000 above the Engineer's estimate and \$4,265 below the next lowest bid. This bid was found to be in compliance with the specifications, and staff has determined that Chemineer, Inc., is qualified and experienced to provide the specified items. Funds for these items are included under Appropriation No. 527, which provides funding for all costs relative to construction of Jensen Expansion No. 1.

Metropolitan reserved the right to, after opening bids, reject any or all bids, or to make award to the lowest responsible bidder or bidders and reject all other bids.

Pursuant to the California Environmental Quality Act (CEQA), a Negative Declaration was prepared for Jensen Expansion No. 1. The Negative Declaration was approved by the Board in March 1989, and an Addendum was approved by the Board in April 1990. These actions satisfied the provisions of CEQA in regard to these matters. No further environmental review or documentation is necessary for your Board to act on relative to this request.


Board Committee Assignment

This letter is referred for action to the Engineering and Operations Committee because of its jurisdiction over bids, pursuant to Administrative Code Section 2431(a); and the contracting of equipment or materials to be used, 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 Chemineer, Inc., for furnishing hydrofoil flocculators for Jensen Expansion No. 1 under Specifications No. 1240A, in the amount of \$249,000 plus costs for start-up engineer services, and that, conditioned upon execution of the contract, all other bids be rejected.


Carl Boronkay

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Abstract of Bids Received February 6, 1992, at 10:00 a.m.

**Specifications No. 1240A
Furnish Hydrofoil Flocculators for Jensen Expansion No. 1**

The specifications call for the Contractor to furnish nine low-shear, vertical-shaft, hydrofoil-type flocculators; one set of spare parts, and the technical services of a flocculator start-up engineer and a variable-frequency-speed-controller start-up engineer for Jensen Expansion No. 1. All of the specified flocculators and spare parts are to be delivered within 250 calendar days after the Contractor receives the Notice to Proceed. Under this schedule, delivery should be complete by March 1993.

Engineer's estimate: \$218,000

Item Nos.	Description	The Burhans-Sharpe Company Seattle, Washington *	Chemineer, Inc. Rancho Santa Margarita, California	Lightnin, a Unit of General Signal Corp. Rochester, New York	Prochem Mixing Equipment, Inc. Buffalo, New York
1	Nine Flocculators	\$ 196,110	\$ 246,000	\$ 248,062	\$ 258,748
2	Spare Parts	3,610	3,000	5,203	7,769
	Total Items 1 & 2	\$199,720	\$ 249,000	\$ 253,265	\$ 266,517
3	Flocc. Start-up Engineer	\$60/hr. 8/hr. shift \$90/hr. O/T	\$500/day & expenses, 8 hrs/day M-F \$1000/day & expenses, 8 hrs/day, S, Su, Holidays \$100/hr. O/T, M-F; \$200/hr. O/T, S, Su, Holidays	One day service is included, and additional time will be charged at \$500/day.	\$75/hr. 8/hrs./day M-S Double time Su & Holidays Expenses, travel, & lodging billed at cost.
4	Speed-Controller Start-up Engineer	Same as Item 3	\$118/hr. M-F 7 a.m. - 6 p.m. \$177.50/hr. S 12:01 a.m. - 11:59 p.m. \$236/hr. Su & holidays 12:01 a.m. - 11:59 p.m.	One day service is included, and additional time will be charged at \$1,050/day	Same as Item 3
5	Option to furnish 27 additional flocculators	\$ 588,330	\$ 738,000	\$ 759,795	\$ 776,244

* Nonresponsive due to exception on flocculators motors and noncompliance with design testing and experience requirements