

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

MAY - 9 1995

7-2



**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

*Barry E. Duff*  
EXECUTIVE SECRETARY

April 21, 1995

**To:** Board of Directors (Engineering and Operations Committee – Action)  
(Finance and Insurance Committee – Information)  
**From:** General Manager  
**Subject:** Authorize Change Order in the Amount of \$1,325,000 to Contract No. 1396A for Supervisory Control and Data Acquisition (SCADA) System Equipment for the Henry J. Mills Filtration Plant, Expansion No. 2 Project.

**RECOMMENDATION:**

It is recommended that a change order be awarded to Systems Integrated for furnishing SCADA system hardware and software in compliance with the requirements of Specifications No. 1207 at the bid price of \$1,325,000.

**Approval of Request:**

John R. Wodraska  
General Manager

Submitted by:

*Edward G. Means*  
Edward G. Means  
Chief of Operations

Concur:

*John R. Wodraska*  
John R. Wodraska  
General Manager

VA/jcj

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<p><b><u>CONTRACT TYPE</u></b></p> <p><input type="checkbox"/> NEW</p> <p><input checked="" type="checkbox"/> AMENDED</p>	<p><b><u>FUNDING</u></b></p> <p><input checked="" type="checkbox"/> CAPITAL</p> <p><input type="checkbox"/> O &amp; M</p>	<p><b><u>TYPE OF COMPETITION</u></b></p> <p><input checked="" type="checkbox"/> COMPETITIVE BIDDING Specification No. <u>1207</u></p> <p><input type="checkbox"/> NEGOTIATED CONTRACT</p>
<p><b><u>CONTRACT FORM</u></b></p> <p><input type="checkbox"/> LEASE</p> <p><input type="checkbox"/> PROFESSIONAL SERVICES</p> <p><input checked="" type="checkbox"/> CONSTRUCTION</p>	<p><b><u>BUDGET STATUS</u></b></p> <p><input checked="" type="checkbox"/> FY 94/95 AMT <u>\$1,325,000</u></p> <p><input type="checkbox"/> OUT-YEAR AMT _____</p> <p><input type="checkbox"/> NON-BUDGET AMT _____</p>	

**PURPOSE/BACKGROUND:**

In October 1991, after competitive bidding, your Board awarded Contract No. 1396 to JWP Controls, Inc., to furnish an integrated distributed control system, spare parts, and technical services for Jensen, Skinner, Weymouth, Eagle Rock, and the Operations Control Center. This contract was to have been completed by May 1993, but was terminated in April 1994 because of JWP Controls did not perform the contract. A 100-percent performance bond was part of this contract. The surety company refused to honor its bond and the matter is now in litigation.

With the failure of JWP to perform Contract No. 1396, and existing SCADA equipment dating back to the early 1970s, the need for new and replacement systems has become critical. Therefore, in November 1994 your Board, as a matter of urgent necessity, authorized the award of Contract No. 1396A, Specifications No. 1207, to the second lowest bidder, Systems Integrated (SI) of San Diego, California. SI will furnish an integrated distributed control system, spare parts, and technical services for Jensen, Skinner, Weymouth, Eagle Rock, and the Operations Control Center. In anticipation of the need for expansion equipment, Specifications No. 1207 included provisions for obtaining additional systems to provide identical control systems at SCADA sites throughout Metropolitan's service area.

Expansion activities at the Mills plant require that a SCADA system acceptable to Metropolitan be provided for installation by the plant expansion contractor. Funds for this project were authorized in August 1993 under Appropriation No. 557. A proposal, acceptable to Metropolitan, providing the required SCADA hardware and software has been received from SI. It is therefore, proposed that an option order in the amount of \$1,325,000 be approved for the additional SCADA hardware and software required to complete Expansion No. 2 of the Mills Plant.

**ACTIONS & MILESTONE:**

Expansion activities at the Mills plant will require delivery of a SCADA system no later than September 1, 1995. A proposal and schedule, acceptable to Metropolitan, providing the Scada hardware and software has been received from SI.

**MBE/WBE:**

Systems Integrated (SI) is a women owned business enterprise.

**CEQA COMPLIANCE / ENVIRONMENTAL DOCUMENTATION:**

**PLAN & BID STATISTICS**

   CONTRACTORS REQUESTED PLANS

   BIDS SUBMITTED

**EVALUATION CRITERIA**

LOW BID THAT MEETS THE REQUIREMENTS OF THE SPECIFICATIONS.  
BIDDERS QUALIFICATIONS AND MBE/WBE PARTICIPATION ARE ALSO  
CONSIDERED.

**CONTRACTUAL DETAILS**

- ANTICIPATED DURATION \_\_\_\_\_
- HOURLY RATES \_\_\_\_\_
- PREVAILING WAGE RATES WILL APPLY

Item	Quantity	Description	Unit Cost	Total Cost
1	1	Central Master Station	\$501,000	\$501,000
2	11	Standard Expanded Remote Terminal Units (RTU)	55,000	605,000
3	3	Standard RTUs	31,000	93,000
4	4	Small Expanded RTUs	30,000	120,000
5	1	OnSite Software Package	Included in Item No. 1	
6	10	Days Training	600	6,000
			Total	\$1,325,000