

OCT 11 1994

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**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

*Karen E. Wolf*  
EXECUTIVE SECRETARY

October 3, 1994

To: Board of Directors (Engineering and Operations Committee--Action)  
From: General Manager  
Subject: Authority to Enter into Agreement with Systems Integrated for the Final Design and Implementation of the Data Collection System for the Remote Meter System Program

Report

In July 1994, your Board authorized Appropriation No. 689 for \$4,409,000 to finance a capital project for the Remote Meter System Program.

Requirements were developed by a cross-divisional project team for a remote meter data collection system that will fully utilize the capabilities of Metropolitan's new electronic flow meters and a Request for Proposal was issued. The requirements include a data collection device for each meter, wireless communications for each meter, and a Master Station that will be located at the Operations Control Center to collect and manage the meter data from the field. After evaluating proposals from various vendors in this field as well as a proposal to do the work in-house, Systems Integrated of San Diego was selected as the vendor with the best overall approach in terms of the Data Collection System design, technical approach, communications, software, and cost. Additionally, Systems Integrated received high marks from references such as the San Diego County Water Authority and the Bureau of Land Management on recent similar type and size projects. All references contacted stated that they would have no problem hiring this firm for future engagements.

Systems Integrated is a certified (see attachment) 98 percent minority owned business and 2 percent women owned business.

It is proposed to begin installation of the Remote Meter Data Collection System in November 1994 with a completion date of May 1995.

The proposed project is exempt from the provisions of the California Environmental Quality Act because it consists of minor modifications to existing facilities with no expansion of use.

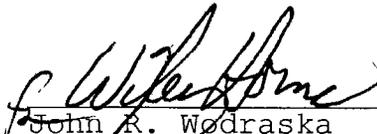
Recommendations

It is recommended that General Manager be authorized to enter into agreement with Systems Integrated for a cost not to exceed \$1.3 million. The total estimated costs for Systems Integrated services for FY 1994/95 is \$1.3 million.

John R. Wodraska  
General Manager

By Kevin L. Watten  
for Edward G. Means III  
Chief of Operations

Concur:

  
\_\_\_\_\_  
John R. Wodraska  
General Manager

JRW/jw

Attachment

**Fiscal Worksheet for Award of Contract  
for  
The Remote Meter Project - Data Collection System**

| Estimated Cost Breakdown for Appropriation |                  | Data Collection System |
|--|------------------|------------------------|
| Labor                                      |                  |                        |
| Requirements Study                         | 60,000           | 40,000                 |
| Facilities Cabling and Upgrade             | 328,200          | 225,000                |
| Data Modeling and New System<br>Design     | 150,000          | 15,000                 |
| Materials and Supplies                     | 344,400          |                        |
| Incidental Expenses                        | 28,300           | 10,000                 |
| Operating Equipment                        | 86,100           |                        |
| Administrative Overhead                    | 194,300          |                        |
| Contracts                                  | 2,648,300        | 1,300,000              |
| Contingencies                              | 569,400          | 130,000                |
| <u>Total</u>                               | <u>4,409,000</u> | <u>1,720,000</u>       |

The Remote Meter Project has two tracks or sub-projects. The first track is the Data Collection System track which includes the final design and implementation of equipment and software that will collect data from all of Metropolitan's flow meters and transmit that data once a day to the Operations Control Center in Eagle Rock. The second track of the project is the Water Information System (WINS) that will, in the first phase, take the data collected by the Remote Data Collection System and use it for water accounting and invoicing purposes as well as for the Planning Information System (PINS) and a new Customer Information System.

The first track of the project, the Data Collection System, is the subject of the current Agreement. The total cost for the Systems Integrated Proposal is \$1.3 million. The total projected cost for the first track including district labor and contingencies is \$1.7 million. The Projected cost for the WINS track of the project for this fiscal year is \$1.0 million.

THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

CONSULTANT/SUBCONSULTANT MBE AND WBE PARTICIPATION FORM

This form shall be submitted by Consultant with proposal for professional services. All MBE and WBE Consultants and subconsultants shall be listed on this form.

RFP NO.: 130

| NAME, ADDRESS & TELEPHONE OF MBE AND WBE FIRMS<br>(Attach copies of subconsultants MBE/WBE certification to this form) | AGENCY CERTIFIED BY*  | IDENTIFY ETHNIC GROUP | TYPE OF WORK TO BE COMPLETED | PERCENTAGE OF THE ACTUAL DOLLARS OF THE TOTAL PROJECT COST |     | INDICATE ONE: CONSULTANT OR SUBCONSULTANT |
|--|-----------------------|-----------------------|------------------------------|--|-----|---|
|  |                       |                       |                              | MBE  | WBE |   |
| Systems Integrated   |                       |                       |                              |  |     |   |
| 8080 Dagget St SD, CA<br>92111<br>(619) 277-0700   | WMBE<br>Clearinghouse | Hispanic              | Design/Build                 | 98%  |     | Prime Contractor                          |
| InfoSystems Computer -TBF<br>310/214-4283  | CalTrans              | N/A                   | CPU Supplier                 |  | 2%  | N/A                                       |
|  |                       |                       |                              |  |     |   |
| <b>TOTAL PERCENTAGE OF WORK TO BE COMPLETED</b>  |                       |                       |                              | 100%   |     |   |

EXHIBIT D

41055

Use additional forms as needed.

\* Certification must be from an agency listed on Exhibit "B".



WMBE Clearinghouse

41082

APR 22 1991

APRIL 16, 1991

SUSAN CORRALES-DIAZ  
SYSTEMS INTEGRATED  
2200 N. GLASSELL STREET  
ORANGE, CA 92665

CHS VERIFICATION ORDER NUMBER: 90KS0010

In accordance with General Order 156 and the Clearinghouse Operational Guidelines, WMBE status has been verified and approved for your firm, as follows:

- Minority Business Enterprise (MBE) status
- Women's Business Enterprise (WBE) status
- Multi Status

This status enables your firm to participate as a WMBE, in procurement programs for the public utilities doing business in the State of California who are signatories to the WMBE Clearinghouse.

This verification status is valid for three (3) years from the date of this letter with the following conditions:

- (1) You must notify the Clearinghouse of any change in ownership and/or control of your firm within 30 days of the change. Failure to notify the Clearinghouse may result in de-verification of your firm.
- (2) The Clearinghouse may reconsider your WMBE status:
  - (a) If it is determined that such status was knowingly obtained by false, misleading or incorrect information.
  - (b) If, in a formal opinion, the California Public Utilities Commission determines that the WMBE verification criteria under which you were deemed to be eligible is no longer valid.
- (3) The Clearinghouse may request additional information or conduct on-site visits at any time during the term of your verification.
- (4) If the Clearinghouse verifies you under the Comparable Agency Verification process, you must submit proof of recertification by the comparable agency prior to the comparable agency's expiration date.

We wish you success in your future business development.

VERIFICATION ANALYST

SENIOR VERIFICATION ANALYST