
NOTICE TO CONTRACTORS

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
REVISED BY ADDENDUM NO. 5

Sealed bids for REPLACEMENT OF REMOTE TERMINAL UNITS, STATE WATER PROJECT, STATE WATER FACILITIES, CALIFORNIA AQUEDUCT, OROVILLE, DELTA, SAN LUIS, SAN JOAQUIN, AND SOUTHERN FIELD DIVISIONS, BUTTE, NAPA, SOLANO, ALAMEDA, CONTRA COSTA, SAN JOAQUIN, STANISLAUS, MERCED, FRESNO, KINGS, SAN LUIS OBISPO, KERN, LOS ANGELES, SAN BERNARDINO, AND RIVERSIDE COUNTIES, CALIFORNIA, SPECIFICATION NO. 08-12, CONTRACT NO. C51376, will be received by the Department of Water Resources, 1416 Ninth Street, Room 418, Sacramento, California 95814, not later than **2:00 P.M. on WEDNESDAY, MARCH 11, 2009**, at which time they will be publicly opened and read at an announced location in the vicinity of such office.

Bid forms for this work are included in a separate booklet titled BID FORM. Bids will be considered only if submitted for all the work required for the above project. The work is defined in Section 01110 – Summary of Work, and includes but is not limited to the following principal features:

1. General: Detailed design, manufacture, shop testing, delivering, installing, field testing, and startup of 176 new controller assemblies and appurtenances to replace existing Remote Terminal Unit (RTU) assemblies and appurtenances, after their safe removal and disposal. Detailed design, manufacture, shop testing, and delivering additional 16 new controller assemblies to be furnished in a phased manner. a. Due to the existing conditions of RTU assemblies including I/O configurations as shown in Appendix II and Appendix III, replacement work of the RTU assemblies are segregated into two work categories: 1) Work Category X: The work sites are in the five Field Divisions located throughout California from Oroville in Butte County in the north to Perris Lake in Riverside County in the south. The Contractor shall disassemble, remove, and modify each of 176 existing RTU assemblies in preparation for the Contractor installing the new controller assemblies. Design of each replacement controller assemblies shall meet its specific I/O and field condition requirements after verifications at each work site. The Contractor shall install, field test, and startup the new controller assemblies. 2) Work Category Z: The work sites are Devil Canyon Powerplant and Department O&M Joint Operations Center (JOC) at Sacramento. As the work will require special handling by the Department, the Department will assume full responsibility for removing existing assemblies and installing and starting up new assemblies. The Contractor shall provide each of the 16 new assemblies based upon the typical configurations as shown. Design of each replacement controller assembly shall meet its specific I/O requirements. b. Controller assembly is defined as unit that includes Programmable Logic Controllers (PLC), Sequence of Event Recorders (SER), communications equipment, and appurtenances as shown. c. Typical Controller Modifications as shown are for specifying the basic equipment to be provided and are not intended to be detailed designs. The Contractor shall be responsible for providing a final detailed design that shall incorporate the components represented on the typical drawings. Contractor shall make adjustments as necessary to allow each component to be mounted as recommended by the manufacturer, to facilitate easy installation, removal and in-place maintenance of each component, and to allow normal operation of the component by Department personnel. d. The Department will provide the final controller configuration program for each controller assembly.

2. Specific Principal Features: a. Removal and safe disposal of the existing RTU assemblies and appurtenances from the work sites as the Contractor's property. b. PLC including PLC programming software. c. PLC spare parts. d. SER including SER programming software. e. SER spare parts and tools. f. Miscellaneous communication equipment including the following: 1) Modems. 2) Modbus TCP Gateways. 3) Fiber Optic Media Converters. g. Panel work. h. Training programs including software and hardware training for the PLC, SER, and communications equipment for Department personnel. i. Shop tests. j. Integration engineering services of the Contractor's manufacturers' engineers for PLC and SER program development, field installation, testing, and startup for application and integration support. k. Field tests. and l. As-installed and as-manufactured drawings that shall include connection diagrams and panel layouts for each controller assembly.

Forms of bid and contract, drawings and specifications for the project may be obtained only at the Department of Water Resources, 1416 Ninth Street, Room 418, Sacramento, California, between the hours of 7:30 a.m.-12:00 noon and 12:30-4:00 p.m. or by mail upon written request to the Department of Water Resources, P. O. Box 942836, Sacramento, California 94236-0001, Attention: Jim Veres, Spec. No. 08-12, Telephone (916) 653-4867, Fax (916) 653-6166, or by e-mail at doe_specs@water.ca.gov. Drawings and specifications may be seen at the above location or at the office of the Department at Lancaster Project Headquarters, 121 West Carriage Lane, Suite 101, Lancaster, California, 93534.

The Department encourages bidders to explore certification as a Small Business and/or Disabled Veteran Business Enterprise and to utilize certified Small Business and Disabled Veteran Business Enterprises during the contract term. To encourage bidders to meet the DVBE participation goal, the Department will apply a three percent DVBE incentive to bids that meet or exceed the DVBE participation goal for this contract.

Contractor's license classification required for this work: C-10 .

All bidders shall be prequalified by the Department. Bid documents will be furnished only to prequalified bidders who meet the requirements of the State Contract Act and Document 00040 – Prequalification.

LESTER A. SNOW
Director of Water Resources

Dated: December 19, 2008
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