



County of Fresno

DEPARTMENT OF PUBLIC WORKS AND PLANNING
STEVEN E. WHITE, DIRECTOR

November 7, 2023

Contract No. 23-13-C

ADDENDUM NO. 4 to CSA 30 & 32 WELL SITE IMPROVEMENTS AND MANGANESE TREATMENT, revising the Bidding and Contract Documents as follows:

TABLE OF CONTENTS

No changes

NOTICE TO BIDDERS

DELETE:

**2:00 P.M., (1400 hours and 00 seconds)
Thursday, November 9, 2023**

REPLACE with:

**2:00 P.M., (1400 hours and 00 seconds)
Thursday, November 16, 2023**

SPECIAL PROVISIONS

DELETE from 40 50 00:

1.06 QUALITY ASSURANCE

A. The Process Control System Supplier (PCSS) shall be a "systems integrator" regularly engaged in the design and the installation of instrumentation systems and their associated subsystems as they are applied to the municipal water and wastewater industry. For the purposes of this Specification Section, a "systems integrator" shall be interpreted to mean an organization that complies with all of the following criteria:

1. Employs personnel on this project who have successfully completed ISA or manufacturers training courses on general process instrumentation and configuration and implementation of the specific programmable controllers, computers, and software proposed for this project. The Company shall be a member of Control System Integrators Association Certified (CSIA) and key personnel shall hold ISA CCST Level 1 certification or have a minimum of 10 years of verifiable plant startup experience. Key personnel shall include, as a minimum, the lead field technician.
2. Has successfully completed work of similar or greater complexity on at least three previous projects within the last five years. Successful completion shall be defined as a finished project completed on time, without any outstanding claims or litigation involving the PCSS. Potential references shall be for projects where the PCSS's contract was of similar size to this project.

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3. Has been actively engaged in motor control centers, industrials control panels, and system integration for the type of work specified in this Specification Section for a minimum of five years.
- B. The PCSS shall maintain a permanent, fully staffed and equipped service facility within 250 miles of the project site with full time employees capable of designing, fabricating, installing, calibrating, and testing the systems specified herein. At a minimum, the PCSS shall be capable of responding to on-site problems within 12 hours of notice. Provide an on-site response within 4 hours of notification starting at two months before scheduled startup to two months after startup completion.
 - C. PCSS shall hold a valid UL-508 certification for their panel fabrication facility.
 - D. Actual installation of the instrumentation system need not be performed by the PCSS's employees; however, the PCSS as a minimum shall be responsible for the technical supervision of the installation by providing on site supervision to the installers of the various components.
 - E. Only approved suppliers will be accepted. The Contractor must name the proposed system supplier per Division 00.
 - F. The listed approved PCSS's shall not be required to submit a qualification proposal. Suppliers interested in being listed as an equal shall submit three copies of a qualification proposal to the ENGINEER no later than 21 days before the bid opening date. A list of approved equals shall be issued no later than 13 days before the bid opening date.
 1. The qualification proposal shall provide details and a description of how the supplier proposes to fulfill the requirements set forth in these specifications. The PCSS shall present the proposal in sufficient detail so that proper evaluation regarding the experience and capabilities of the supplier can be performed.
 - a. The proposal shall contain evidence that the PCSS has sufficient financial resources to meet the obligations incidental to the performance of the work including available bonding. (This requirement may be provided in the form of a verifiable or certified financial report for the company's latest fiscal year.)
 - b. The proposal shall contain a list of personnel available for assignment to the responsible positions of Project Manager, Project Engineer, Installation Supervisor, and Area Service Representative. Also, include a concise resume of each individual's education, work experience, and accomplishments.
 - c. The proposal shall contain the following specific information:
 - 1) Maintenance services available for hardware and software:
Evaluation shall be based on the PCSS's capability to provide the required routine and emergency services. The PCSS's proposal is to describe the capabilities and location of his/her nearest (to jobsite) service organization. The intent of the specifications is to obtain all system maintenance services from the PCSS. If the PCSS intends to subcontract all or portions of the service

requirements, it must be stated as such along with the name and address of the organization.

- 2) Technical validation, examples of recently completed and similar scope projects: The PCSS shall provide information regarding type, size, complexity, and performance of five systems recently completed, along with names, addresses, and telephone numbers of persons qualified to verify PCSS's statements approximate cost of the instrumentation system supplied, project completion date and description. Evaluation shall be based on the similarity of system requirements and supplier's performance.
- 3) A description of how the supplier plans to execute the various functions and locations where the various portions of the work shall be performed, coordinated and managed (e.g., design, engineering, manufacturing, programming, testing and scheduling). The PCSS is required to state in his/her proposal those functions which he/she intends to subcontract to other organizations and include the name, address and capabilities of these organizations.
- 4) The PCSS shall be required to demonstrate a minimum of five years' past control systems of comparable size, type and complexity to the proposed project. The PCSS shall be required to have his/her own in-house capability to handle complete system engineering, fabrication, and testing.
- 5) The PCSS shall indicate that he/she has in his/her employment capable personnel for detailed engineering, coordination, drafting, procurement and expediting, scheduling, construction, testing, inspection, installation, training start up service for calibration and commissioning and warranty compliance for the period specified.

REPLACE with:

1.06 QUALITY ASSURANCE

- A. The Process Control System Supplier (PCSS) shall be a "systems integrator" regularly engaged in the design and the installation of instrumentation systems and their associated subsystems as they are applied to the municipal water and wastewater industry.
- B. The PCSS shall maintain a permanent, fully staffed and equipped service facility within 250 miles of the project site with full time employees capable of designing, fabricating, installing, calibrating, and testing the systems specified herein. At a minimum, the PCSS shall be capable of responding to on-site problems within 12 hours of notice. Provide an on-site response within 4 hours of notification starting at two months before scheduled startup to two months after startup completion.
- C. PCSS shall hold a valid UL-508 certification for their panel fabrication facility.

PROJECT DETAILS

No changes

BID BOOK

No changes

AGREEMENT

No changes

END OF ADDENDUM NO. 4

Please attach this Addendum to the inside cover of the Specifications booklet. If you have given the Bidding and Contract Documents to someone else, please forward this Addendum.



11/7/23

Date Signed

Supervising Engineer: _____

A handwritten signature in black ink, appearing to be "S. Artal", written over a horizontal line.

Sebastian Artal, PE C76724

FRESNO COUNTY
Department of Public Works and Planning
m/a 2220 Tulare Street, Suite 720
Fresno, CA 93721-2106

Date Signed

Engineer of Record: _____

Kevin Pezzoni, PE 16269

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