

Statement of Work

A. GENERAL INFORMATION

1. Scope of Work: The contractor shall provide all resources necessary to accomplish the deliverables described in this statement of work (SOW), except as may otherwise be specified. Contractor shall provide and install infrastructure for an equipment management system for all gases, electrical, and video integration with the imaging system meeting, minimum specifications contained herein for 30 ICU rooms and one OR. The equipment management systems (boom) should consist of 2 booms with one boom including an Exam Light on separate arms.

Work shall meet all applicable codes and regulations, drawings, and is subject to the terms and conditions of the contract. The drawings based on a Stryker system base of design. Any substitution must include an impact analysis addressing additional design and construction costs to the facility as well as delay costs to the current projects. All additional costs will be borne by the vendor.

2. Background: Veterans Affairs Medical Center will be constructing an Integrated ICU and separate OR at the Veterans Affairs Medical Center, Loma Linda CA. Currently construction the projected completion date of the September 2017 (OR), November 2017 (ICU Phase I) and January 2018 (ICU Phase II).
3. Performance Period: The contractor shall complete the work required under this SOW based on the phasing timeline of construction unless otherwise directed by the Contracting Officer (CO). If the contractor proposes an earlier completion date, and the Government accepts the contractor's proposal, the contractor's proposed completion date shall prevail. Work at the Government site shall not take place on Federal holidays or weekends unless directed by the CO.
4. Type of Contract: Firm-Fixed-Price

B. CONTRACT AWARD MEETING

The contractor shall not commence performance on the tasks in this SOW until the CO has conducted a kick off meeting, or has advised the contractor that a kick off meeting is waived.

C. GENERAL REQUIREMENTS

For every task, the contractor shall identify in writing all necessary subtasks (if any), associated costs by task, and along with associated sub-milestone dates. The contractor's subtask structure shall be reflected in the technical proposal and detailed work plan.

All written deliverables shall be phrased in layperson language. Statistical and other technical terminology shall not be used without providing a glossary of terms.

Where a written milestone deliverable is required in draft form, the VA will complete their review of the draft deliverable within 30 calendar days from the date of receipt. The contractor

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shall have 45 calendar days to deliver the final deliverable from date of receipt of the Government's comments.

D. SPECIFIC MANDATORY TASKS AND ASSOCIATED DELIVERABLES

E. Project Management

- Coordination with all departments, personnel, and vendor.
- Provide complete schedule.
- Schedule all deliveries.
- All trades to be paid prevailing wages.
 - 1. Existing conditions to be completed by general contractor.
- All required med gas lines are to be brought to within 1 foot of mount.
- All electrical requirements brought to J-Box within 1 foot of center of mount.
- Tandem plate installed to existing deck reinforced by steel.
- General Contractor responsible for all med gas testing and verification.
- Data cabling pulled to mount location with 50 foot coil ready for floor penetration and to be pulled into Arms. Cabling company to make final terminations post install of the equipment Booms
- Extend med gas to mount location and install all required supplied risers. (Pre equipment delivery)
- Core cut two 5" holes matching tandem plate through existing deck.
- Make all final med gas connections from booms to risers.
- Make all final electrical connections.
- Data cabling – Pull cable through subfloor and into booms(Does Not include terminating cables)
- Fire caulk all cores post equipment installation and utilities final hook up to maintain required fire barrier ratings.
- Work to be completed in two phases.
 - 1. Med gas work and coring in phase 1.
 - 2. All final connections and fire caulking in phase 2
- EXCLUSIONS- The following items will not be required to be completed under this contract:
 - 1. Furnish and install equipment.
 - 2. Fire suppression.
 - 3. Drywall patch and paint
 - 4. Special Inspections and Testing.
 - 5. Med gas testing and inspections.
 - 6. Isolation panel upgrades/changes/certifications.
 - 7. Electrical work not outlined above.
 - 8. All Design work.
 - 9. Permits.
 - 10. Provide waste dumpster.
 - 11. Asbestos abatement and detection.

- F. Description of Tasks and Associated Deliverables:** The contractor shall provide the specific deliverables described below within the performance period stated in Section A.4 of this SOW.

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Task One: The contractor shall provide a detailed work plan and briefing for the VA project team, which presents the contractor's plan for completing the task order. The contractor's plan shall be responsive with this SOW and describe, in further detail, the approach to be used for each aspect of the task order as defined in the technical proposal.

Deliverable One: A detailed work plan and briefing.

Task Two: Install Boom within specified locations per detailed work plan agreed upon in Task One. Installation shall occur with minimal disruption to patient care and treatment within the lab. Contractor shall follow all applicable rules and regulations applicable to the installation at the VAMC Loma Linda.

The equipment management systems are to be installed in six procedure rooms in the new GI laboratory located on the first floor of the Loma Linda VAMC.

Deliverable Two: Verification of proper and functional installation of surgical lights/anesthesia columns/integration in specified location.

Task Three: Provide clinical staff in-service training at the end of product installation at a mutually agreeable time prior to facility opening. Preferred hours of installation are between 7:00 a.m. and 5:00 p.m., Monday through Friday.

Deliverable Three: Verification of training for clinical users as specified in agreement.

Task Four: Provide in-service to the biomedical personnel at the end of product installation at a mutually agreeable time prior to facility opening. Preferred hours of installation are between 7:00 a.m. and 5:00 p.m., Monday through Friday.

Deliverable Four: Completion of training for Biomedical Equipment Support Specialists.

Task Five: Provide full service literature, preferably in electronic format, including as-built drawings and installation data to VAMC Loma Linda Biomedical Engineering

Deliverable Five: Verification of receipt of full service literature, preferably in electronic format, including as-built drawings and installation data.

G. CONTRACTOR EXPERIENCE REQUIREMENTS

The government will determine on a Standard Reference (SR) basis what positions are considered key personnel. The contractor shall identify, by name, the key management and technical personnel who will work under this task order at the time the work is being negotiated.

If a key person becomes unavailable to complete the SR, the proposed Substitutions of key personnel shall be made only as approved directed by the Contracting Officer and the COR. The government will not dictate specific experience and education requirements of the

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employees initially proposed to perform the work stated herein. **The contractor shall submit a resume of qualifications for the COR and all other direct employees proposed for the project. All Contractor employees will be approved by the COR prior to bringing on duty.** If, at any time from date of award to the end of the contract, non-key personnel Contractor personnel are no longer available, HES/HIS reserves the right to review the qualifications of the proposed replacement personnel and to reject individuals who do not meet the qualifications set forth in the Task Learning Objectives (TLO). Team personnel proposed by the contractor should possess some of the following knowledge and/or skills:

The contractor must notify VHA in advance and we will approve or reject proposed contractor key personnel for the performance of this contract. The contractor shall submit a resume of qualifications to the COR for key personnel and all other direct employees proposed for the project. All Contractor employees will be approved by the COR prior to bringing on duty. If, at any time from date of award to the end of the contract, Contractor personnel are no longer available, the VHA will approve the qualifications of proposed replacement personnel and will reject individuals who do not meet qualifications set forth herein. **The contractor must inform the VHA COR, and Project Manager/Task Manager when personnel are removed from the contract for any reason.** The Contractor shall remove any employee from the performance of this contract within five (5) workdays of receiving notice from the Contracting Officer that the employee's performance is unsatisfactory. All Contractor employees are subject to immediate removal from performance of this contract when they are involved in a violation of the law, VA security, confidentiality requirements and/or other disciplinary reasons.

- The contractor must inform the VHA COR, and Project Manager when personnel are removed from the contract for any reason.
- If a key person becomes unavailable to complete the SR, proposed Substitutions of key personnel shall be made only if approved by the COR and Project Manager.
- The contractor shall submit a resume of qualifications to the COR for all direct employees proposed for the project. All Contractor employees will be approved by the COR prior to bringing on duty.