

Air Handlers Project

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BUS 530

Professor Williams

Air Handlers Project for Bayne Jones Army Community hospital

PROJECT OVERVIEW

This project is being undertaken to renovate the hospitals Air Handlers unit (AHU). The Bayne Jones Army community hospital, which is located in Fort Polk, Louisiana, is currently 35 years old and has had significant problems with the AHU. In order to ensure the facility is providing a safe and stable work environment this must be accomplished. The device is used to regulate and circulate air as part of a heating, ventilating, and air-conditioning (HVAC) system throughout the facility.

BUSINESS OBJECTIVE

The objective of this project is for the Contractor to provide all labor, materials, and equipment necessary to provide Transition Space and Repair/Renewal & MRR Action/Effort to replace AHUs at the Bayne-Jones Army Community Hospital (BJACH), per the Government provided construction documents. The construction documents will be posted to Dr. Checks and will contain all enclosures listed in 8.0, design drawings, specifications, and design analysis. All work shall be in accordance with installation, state, and federal codes, the approved Design drawings/specifications provided under a separate task order.

ALIGNMENT WITH ORGANIZATIONAL STRATEGY

This project supports the Hospital Commander's strategic overview which Intel's Bayne-Jones of the Future initiative. This initiative enables the hospital to continue to be a high reliable organization

performing at the highest levels of patient care. With the renovation of the Air Handlers project it aligns with the betterment of the organization and welfare of the employees and patients that will continue to seek medical care inside the facility.

OPPORTUNITY

The contractor shall repair/replace Air Handler Units (AHUs) and associated equipment/system within Bayne Jones Army Community Hospital, per the approved design documents provided under a separate task order that shall serve as the basis for repair/replacement (construction effort). In addition, the contractor shall provide a transition design documents for space to house departments/areas while their area in the hospital is under repair/construction. The Transition Design shall be performed in accordance with the requirements of the basic contract. The transition design shall address all elements of the statement of work, space requirements and shall provide all documents necessary to perform the work described in providing the Transition Building/Space. The contractor, during the Transition Site Investigation, will present the Government with a final conceptual layout of the transition space. After review, modification, and approval, the contractor will use the approved drawing as the basis of design for the Transition. The Contractor shall prepare a design that will adequately meet the requirements for the functions as identified in the Program for Design (PFD) and will address additional user requirements that may be presented during site investigation and subsequent design process. The Transition Space design shall be flexible and provide spaces that will accommodate both admin and clinical space, during Repair of said areas. The design shall provide all documents necessary to perform the work described in this scope in accordance with specifications of the primary contract except as amended herein.

DELIVERABLES

The 65% "Transition Design" shall be submitted within 55 working days after the award of the Task Order. Following completion of each submittal, the Government shall perform a review of the submittals. The Government shall review and approve, with or without comments, each schedule item prior to the Contractor's initial work on the subsequent item.

PRELIMINARY PROJECT REQUIREMENTS

Bayne-Jones Army Community Hospital (BJACH), building 285, is located at 1583 3rd Street at Ft. Polk, LA. BJACH is a 7-story, 360,000 square foot facility built in 1983. The hospital also consists of a 10,000 square foot Central Utility Plant (CUP).

IMPACTS OF NOT COMPLETING THE PROJECT

There impacts that will be associated with not completing this project would be detrimental. There would be the potential of hazardous material as well as asbestos circulated through the HVAC system, which could pose a very dangerous situation for personnel within the facility.

MEASURING SUCCESS OF THE PROJECT

To witness this project through completion would be a success for the entire organization. The results would ultimately improve the air quality throughout the organization and alleviate the uptick in respiratory infections due to the previous antiquated system. This will also improve the customers experience when they visit our facility for patient care. Our number one goal is the safety of our patients and employees, the ability to witness a project that will improve both will be a great day for the organization. Although this project will take an extended amount of time before its completed, just the simple fact that once it has been done the quality of cares our staff will be able to provide will be substantial as we continue to move towards the BJACH of the future which includes the renovation of the Air Handlers unit.