

# Pre-Proposal Conference and Site Visit

Solicitation Number: VA261-15-B-0127

Project Title: High Efficiency Chiller Update Project # 612A4-14-006

Project Location: VA Northern CA Health Care System

## **VA Representatives:**

- Contract Specialist: Jaime Kelley (916) 923-4922, [jaime.kelley@va.gov](mailto:jaime.kelley@va.gov)
- Engineering: Hadi Janbakhshzadeh

**RFI's Due NLT March 10, 2015 by COB**

## **Proposal Submission**

- SF 1442
- Bid Opening date **March 24, 2015 at 1300 PM PST** at 3230 Peacekeeper Way, Bldg. 209 Room 130. McClellan, CA 95652
- Project Magnitude: Between **\$2,000,000 and \$5,000,000.**
- Proposal, Payment, and Performance Bonds are required
- Award Basis: Sealed Bid
- Period of Performance: **450 days**
- SDVOSB Set Aside IAW Public Law 109-461

## **Statement of Bid Items:**

BASE BID, GENERAL CONSTRUCTION: Balance multiple building chilled water hydronic loops by replacing cooling coil control and balance valves with pressure independent type control valves selected for design flow specific to each cooling coil. After building chilled water hydronic loops are balanced, replace 430 ton chillers No. 1 and 2 with new 700 ton high efficiency chillers. Increase size of primary chilled water and condenser water loop pumps and piping to accommodate larger 700 ton chiller No. 1 and 2 flow rates. Increase size of secondary chilled water pumps and piping to accommodate future increase in chilled water demand. Accomplish scope of work without major outage of chilled water services. Work includes general construction, mechanical and electrical work, utility systems, necessary removal of existing structures and construction and certain other items. Some work will need to be performed outside regular business hours if deemed disruptive by the COR. Costs associated with this requirement shall be included in the base bid and will not be billable separately to the VA.

## **Price Schedule**

MAIN BID ITEM	ITEM I, BASE BID, GENERAL CONSTRUCTION PER SCOPE	\$
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### **Phasing :**

- Phase 0: Prior to removing chillers 1 and 2 from service, systematically replace every cooling coil control and balance valve with schedule pressure-independent control valve. Integrate the dedicated surgery loop Air-cooled chillers with the engineering control center. Install temporary constant primary loop from chiller No. 3 and temporary Air-cooled chiller to building distribution loops with phasing valves.
- Phase 1: Balance temporary constant primary loop from chiller No. 3 and temporary Air-cooled chiller to building distribution loops and isolate from chillers No. 1 and 2 and secondary chilled water pumps. Remove chiller No. 1 and 2 from service and replace with new 700 ton high efficiency chillers, along with associated pumps, piping, and controls. This work **MUST** be done during the winter months between October and March, or provide supplemental temporary cooling. Contractor may start mobilizing and doing prep work on September 1, but they shouldn't take chillers off-line until October 1, 2015.