

County of Santa Clara
Santa Clara Valley Health & Hospital System
Agency Administration
Facilities




HHS08 062409

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DATE: June 24, 2009

TO: Board of Supervisors

FROM: 
Kim Roberts
SCVHHS - Chief Executive Officer

SUBJECT: Project Closeout of Construction Contract 08-02 with Fernandes and Sons General Contractors for the Main Hospital 1st Floor New MRI Suite, SCVHHS Project No. 200720048

RECOMMENDED ACTION

Consider recommendations relating to New MRI Suite, SCVHHS Project No. 200720048.

Possible action:

- a. Authorize an increase of \$39,663.00 in the Supplemental Work Allowance to the contract with Fernandes and Sons General Contractors for the New MRI Suite, SCVHHS Project No. 200720048.
- b. Approve Contract Change Order No. - Final - New MRI Suite, SCVHHS Project No. 200720048. Contractor - Fernandes and Sons General Contractors. Net increase of \$189,663.00 and an increase of 74 calendar days.
- c. Accept Project as complete and authorize the Clerk of the Board to execute Notice of Completion of Contract and Acceptance of Work on the above.

FISCAL IMPLICATIONS

The funding required for the increase in the Supplemental Work Allowance will be funded by the Santa Clara Valley Medical Center (SCVMC) Capital Budget.

CONTRACT HISTORY

On May 6, 2008 the Board of Supervisors awarded a contract to Fernandes and Sons General Contractors in the amount of \$1,098,000 and authorized a Supplemental Work Allowance (SWA) of \$150,000 for a total contract amount of \$1,248,000 for the New MRI Suite Project on the SCVMC campus at 751 South Bascom Ave.

Unforeseen conditions and user requirements necessitated changes above the SWA. During construction, environmental noise conditions to sensitive areas such as the Operating Rooms and reading rooms required work to be performed off hours and several unforeseen conditions were identified that were not on the Office of Statewide Health Planning and Development (OSHPD) approved drawings. These conditions included the fire sprinkler pre-action system, fire alarm system problems attributed to the intensity of the magnetic field of the new MRI equipment, and gas fire suppression system modifications. Additional safety modifications, which included a metal detection system, were installed to prevent accidental exposure to magnetic hazards created by the MRI.

REASONS FOR RECOMMENDATION

When the Main Hospital was constructed, shell space was built to provide for a future MRI Suite. This construction project has completed the MRI Suite shell improvements and provides complete installation of the second MRI, thus enabling SCVMC to meet the increased demand for MRI procedures.

The project has been completed and all required operational tests and inspections on the project have been run successfully. The contract work has been accepted by SCVHHS Facilities and OSHPD. Licensing from the State to start using the equipment has been granted. Retention will be released in accordance to statutory requirements.

BACKGROUND

In the past five years, the number of MRI procedures performed at SCVMC has increased by 61%. The Diagnostic Imaging Department will perform over 7,200 MRI procedures during FY09. Prior to completion of this project, SCVMC had only one MRI scanner, a 1.5T (Tesla) unit that is over 10 years old. Patients were scanned in this unit 18 hours a day Monday through Friday, and 10 hours a day on Saturdays and Sundays.

Even with the extended hours, there was still not enough time to accommodate the large number of requests for this procedure. As a result, SCVMC has contracted with a mobile MRI service provider to come to the campus two to three days a week at an annual cost of about \$400,000. Diagnostic Imaging technologists and other staff are being trained on the new equipment and the regularly scheduled mobile MRI services will end later this month.

The contract documents comply with the California Building Code, California Mechanical Code, California Electrical Code, California Plumbing Code, California Life Safety Code, and California Fire Code as specified in Title 24, California Administrative Code.

CONSEQUENCES OF NEGATIVE ACTION

This project will not be closed and the contractor will not be fully paid for work completed.

STEPS FOLLOWING APPROVAL

The Clerk of the Board of Supervisors will:

- Send Keyboard notification to Duane Oberquell, Director, SCVHHS Facilities,
- Sign and record the Notice of Completion of Contract and Acceptance of Work.

ATTACHMENTS

- Final Change Order
- Notice of Completion