

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




HHS09 022409

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Submitted by: Michael Skehan
Executive Director, SCVMC Hospital &
Ancillary Services

DATE: February 24, 2009

TO: Board of Supervisors

FROM: 
Kim Roberts
SCVHHS - Chief Executive Officer

SUBJECT: Third Amendment to Agreement with JAMSE Engineering, Inc. for Structural Engineering Services

RECOMMENDED ACTION

Approve delegation of authority to SCVHHS Chief Executive Officer, or designee, to execute the Third Amendment to Service Agreement with JAMSE Engineering, Inc. relating to providing structural engineering services, increasing the maximum compensation by \$125,000 to \$345,000 and extending the term of the agreement from December 31, 2009 through June 30, 2010, following approval by County Counsel as to form and legality, and approval by the Office of the County Executive. Delegation of authority shall expire on June 30, 2010.

FISCAL IMPLICATIONS

There is no impact to the General Fund as a result of this action. The funding for these services is available in the FY09 Santa Clara Valley Medical Center Capital budget.

CONTRACT HISTORY

A Service Agreement was originally executed on November 8, 2006 with JAMSE Engineering, Inc. to provide engineering services for the West Wing Moment Frame Testing and Inspection Program in the amount of \$75,000 for the period October 31, 2006 through December 31, 2007. This phase was initiated so that SCVMC could determine the full extent of inspection and repair required by Office of Statewide Health Planning and Development (OSHPD).

After review and agreement with OSHPD and as the program became better defined, the First Amendment was executed in December of 2007, increasing the compensation limit by \$50,000 to \$125,000 and extending the term of the agreement through December 31, 2008. This extension allowed SCVHHS to contract with JAMSE to complete the design of the inspection, testing and repair processes, securing full OSHPD approval of the proposal.

After review, SCVHHS staff determined that specialized and uncommon inspection and testing process were required to meet the code and meet OSHPD approval. In order to provide better oversight to the testing and inspection process, including providing access for the Testing Lab, the Second Amendment was executed in January 2009, adding \$95,000 for a maximum compensation limit of \$220,000 and extending the term of the agreement through December 31, 2009.

This is a Type I contract, subject to the Resolution of Contracting Principles adopted by the Board of Supervisors on October 28, 1997. The declaration of the contractor is on file with the department.

REASONS FOR RECOMMENDATION

The Third Amendment to the Agreement with JAMSE Engineering, Inc. will enable the firm to oversee inspection site access activities, finalize the Report Phase of the West Wing Moment Frame Testing and Inspection Program with OSHPD, and provide for future engineering services. This amendment will accommodate additional costs of providing access to inspection sites caused by site restrictions and operational issues typical of a hospital environment such as patient and staff safety, maintaining adequate fire protection, and continued and uninterrupted service in inpatient care areas. It also allows for the placement of Strong Motion Instrument Sensors and accelerometers to measure seismic activity so as to avoid the imposition of additional moment frame testing requirements in the future triggered by earthquakes that subject the facility to excessive ground accelerations.

BACKGROUND

After the Northridge earthquake, the State of California enacted a requirement that all hospital buildings designed with a steel moment frame “located at a site that has experienced...an earthquake of magnitude greater than or equal to 6.5 that produced a ground motion in excess of 0.20 g; or an earthquake that generated ground motion in excess of 0.30 g” undergo a detailed frame joint evaluation (Title 24 2007 CBC 4.2.0.1). The SCVMC West Wing, completed in 1992, met this criteria with the Loma Prieta earthquake. The detailed frame joint evaluation is also mandated under the SB1953 requirement to maintain the building’s SPC 3 (SPC 2 minimum) category for continued operation as a hospital facility after 2013 and 2030.

JAMSE Engineering, Inc. is particularly well-suited to work on the West Wing seismic performance evaluation as JAMSE principal John Miller was the original Structural Engineer of Record (SEOR) for the building. John Miller has extensive knowledge of State of California’s seismic requirements for hospitals as well as OSHPD processes for structural and

seismic review. The firm is reliable, responsive and knowledgeable, and its services are cost effective. Additionally, the firm has a good working relationship with OSHPD staff, both field staff and in Sacramento.

CONSEQUENCES OF NEGATIVE ACTION

Failure to approve the recommended action will impact the timely completion of the West Wing Moment Frame Testing and Inspection Program and possibly delay future small projects.

STEPS FOLLOWING APPROVAL

The Clerk of the Board of Supervisors will send Keyboard notification to Director of SCVHHS Facilities, Duane Oberquell.

ATTACHMENTS

- Original Agreement
- Amendment 1
- Amendment 2
- Amendment 3