

Date: May 8, 2007Committee Meeting Date: May 17, 2007Board Meeting Date: June 7, 2007**BOARD MEMORANDUM**ACTION DISCUSSION INFO

TO: Administration and Finance Committee
Santa Clara Valley Transportation Authority
Board of Directors

THROUGH: Michael T. Burns
General Manager

FROM: Carolyn M. Gonot
Chief Development Officer

SUBJECT: Contract with HMH Engineers for Preliminary Engineering, Environmental and Final Design services of US 101 Operational Improvements Project (I-280/680 to Tully Road)

RECOMMENDATION:**Policy-Related Action:** No**Government Code Section 84308 Applies:** Yes

Authorize the General Manager to negotiate and execute a contract with HMH Engineers to provide preliminary engineering, environmental planning and final design services for the US 101 Operational Improvements Project (I-280/680 to Tully Road), for a total contract value not to exceed \$6,000,000 and an initial contract term through December 31, 2009.

BACKGROUND:

On November 6, 2006, California voters approved Proposition 1B, a bond measure which will provide \$19.9 billion for transportation improvements in California through 12 programs. One of these programs is the Corridor Mobility Improvement Account (CMIA), which makes \$4.5 billion available to roadway projects on a competitive basis to expand roadway, enhance operations, and improve travel times in high-congestion travel corridors.

On February 28, 2007, the California Transportation Commission (CTC) selected three projects in the Santa Clara County and provided approximately \$187 million in CMIA grant funds, including \$30 million to the US 101 Operational Improvements Project. The CMIA Program has

imposed required project delivery deadlines for sponsors and September 1, 2009 is the deadline established for this project to complete design and March 1, 2010 is the deadline to award a construction contract.

The purpose of the Project is to improve the overall operations on US 101 in east San Jose by eliminating the mainline traffic bottlenecks and merging and weaving conflicts at the Tully Road interchange and improving safety. The Project will add a general purpose lane in the southbound direction from just south of Story Road to Yerba Buena Road and reconfigure the U.S. 101/Tully Road interchange by converting the existing full cloverleaf interchange to a partial cloverleaf interchange. Additionally, the proposed project replaces the Tully Road Overcrossing. The estimated total cost of this project is approximately \$63 million. The US 101 Improvements Project is included in Valley Transportation Plan 2030.

VTA is partnering with the City of San Jose on this project and VTA will act as the project manager and delivery agency. The project has been already completed the CEQA Environmental clearance document, traffic studies and a draft Project Study Report/ Project Report (PSR/PR) for the proposed project.

DISCUSSION:

VTA staff recommends executing a contract with HMH Engineers to complete the planning, preliminary engineering and begin the final design of the project. The services include: update and complete the Project Study Report/ Project Report and complete the federal environmental clearance document, and conduct final design through 65% complete.

In 2005, VTA issued a Request for Proposal (RFP) for Planning & Engineering Design Services for the VTA Highway Program. Through this selection process, VTA established a list of qualified planning and engineering design consultants to perform services for highway projects as directed by the Board of Directors. The VTA Board of Directors approved the list of VTA Highway Program Planning and Engineering Consultants on January 5, 2006. HMH Engineers is included on the qualified list of engineering highway design consultants and has performed well on previous design contracts including the Route 152 Improvements Projects and the US 101/Bailey Avenue Interchange Projects. HMH was the also engineering firm that completed the preliminary engineering and CEQA environmental clearance for the Project and in so doing has recent direct experience on the project.

The recommended contract is a cost-plus-fixed-fee contract for a total value of \$2,500,000. The contract scope of services provides over 35,000 hours of planning and engineering service from the consultant team. The recommended contract will have a term through December 31, 2009 and the total fixed fee for the Prime Contractor will not exceed 10% of direct hourly services.

ALTERNATIVES:

The VTA Board could choose not to approve the recommended execution of this contract.

As an alternative, the VTA Board could direct staff to select another design firm to fulfill the services needed to complete the project. The selection of another firm would result in delays in the completion of the project which could jeopardize the deadline for project delivery required by Proposition 1B and specified for each project by CTC.

Another alternative would be to have the City of San Jose or Caltrans perform or manage the project instead of VTA.

FISCAL IMPACT:

There is no impact to the VTA Transit Enterprise funds. Budget appropriation for this project is included in the VTA Biennial Budget for Fiscal Year 2008 and 2009 scheduled for consideration by the Board of Directors on June 7, 2007. Funding for the amendment is to be provided through VTA Local Program Reserve funds, which is the subject of a separate action also on the Board of Directors, June 7, 2007 Agenda.

SBE PARTICIPATION:

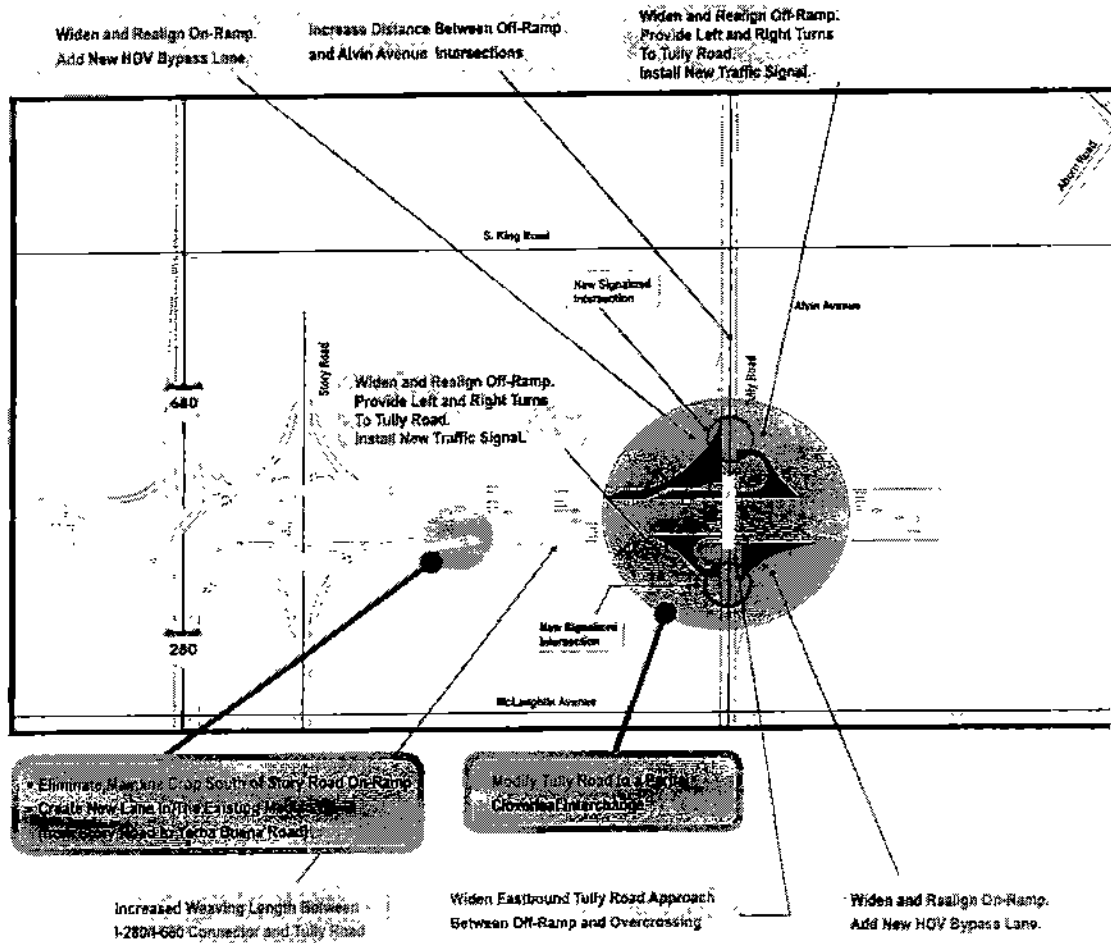
Based on identifiable subcontracting opportunities, a Small Business Enterprise (SBE) goal of 12% has been established for this contract.

Prepared by: Sajeeni DeAlwis-Mima, Project Manager

Reviewed by: John Ristow, Deputy Director, Programming and Project Development

ATTACHMENT A

Map of Project Area



ATTACHMENT B

Listing of Recommended Prime and Sub-Consultants US 101 Operational Improvements Project (I-280/680 to Tully Road)

	Consultant Firm	Contact Person	Location
Prime	HMH Engineers	William J. Wagner	San Jose
Sub-Consultant	Nolte	Michael Patel	San Jose
	Biggs Cardosa Associates, Inc.	Michael Thomas	San Jose
	David J. Powers and Associates	John Hesler	San Jose
	Parikh Consultants, Inc.	Gary Parikh	Milpitas
	Geocon	Richard Day	Livermore
	Alliance Engineering Consultants	Ken Ngai	Santa Clara
	Fehr & Peers	Robert Echols	San Jose
	Radman Aerial Surveys	Carol Radman	Sacramento