ALAMEDA COUNTY
CONGESTION MANAGEMENT AGENCY

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Memorandum

March 9, 2009
Agenda Item 5.1

DATE: February 23, 2009

TO: Administration and Legislation Committee

FROM: Ray Akkawi, Manager of Project Delivery

SUBJECT: I-580 Tri-Valley Rapid Transit Corridor Improvements (RM 2 Project 32.1): Subproject 32.1d: EB I-580 HOV Lane: Request to Amend Project Agreements and Contracts

Action Requested

It is recommended that the Board authorize the Executive Director or his designee to negotiate and execute an amendment to the existing contract with TY Lin International to increase the amount of their contract by $1,400,000. The amendment will provide for Construction Support Services during the construction phase of the I-580 EB HOV project, pre and post construction environmental inspection as required by US Fish and Wildlife Services, and design changes to provide contract change orders for the conversion of the HOV lane to HOT lane.

Discussion

The CMA, as the sponsor of the Tri-Valley Rapid Transit Corridor Improvements – EB I-580 HOV lane and the implementing agency of the project development phase, has contracted with TY Lin International to provide the design services for this project. The CMA's existing contract with TY Lin is for an amount not to exceed $11,790,000 and provides for design, pre-construction support, and limited support during construction (see Attachment A for a breakdown of the services included in the contract).

The CMA needs to retain the engineer of record on contract to provide construction services during the construction phase of the project. The CMA design contract with TY Lin International assigned $228,000 for construction services. While the design was completed on schedule, several changes to the delivery of the project took place that will increase the cost of construction support services:

1. The Project was originally planned to be constructed as one contract and will now be constructed under three contracts, two HOV contracts and one auxiliary lane contract.
2. Segment 1 of the HOV project has been under construction for 8 months but segment 2 award has been delayed due to State budget constraints.

3. Design changes to the HOV contracts are required to account for modifications required by the auxiliary lanes as well as changes to accommodate the conversion to HOT lane.
4. Due to limited resources, Caltrans requested that the engineer of record perform the pre construction environmental survey and monitoring to comply with the US Fish and Wildlife Services and Fish and Game permits requirements.

In order to provide construction services for the three segments of the EB I-580 HOV Lane project, perform additional environmental and design changes activities, and implement the design changes required to convert the HOV lane to HOT lane, staff is recommending amending the TY Lin International contract by an amount not to exceed $1,400,000. Funding will be provided from the I-580 Corridor improvements funds.

Financial Impact

Funding for this request will be provided from I-580 Corridor Improvements funds. The funding plan for this project will be updated and the CMA budget will be amended accordingly.

ATTACHMENT A

CMA / TY Lin International Contract

SCOPE OF SERVICES

SCOPE	AMOUNT	STATUS
1. I-580 EB HOV Design Services	$6,500,000	on-going
2. I-580 TMP Project Development and Construction Support	$2,000,000	Completed
3. I-580 WB HOV Preparation of Project Study Report	$1,000,000	Completed
4. I-580 Right-of-way preservation (ROW mapping)	$1,000,000	Completed
5. I-580 First Street Soundwall (Project Development & Support)	$ 500,000	Completed
6. I-580 Truck Climbing Lane Project Initiation Document	$ 240,000	Completed
7. I-580 Corridor Management and Environmental Mitigation	$ 550,000	On-going
TOTAL	$11,790,000	

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