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Metropolitan
Transportation
Authority

**SUBJECT: ROUTE 10 HIGH OCCUPANCY VEHICLE LANES -
BALDWIN AVENUE TO ROUTE 605 - SEGMENT 1**

**ACTION: AUTHORIZE CONTRACT AMENDMENT TO COMPLETE
CONSTRUCTION SUPPORT SERVICES**

One Gateway Plaza
Los Angeles, CA
90012-2952

RECOMMENDATION

- A. Authorize the Chief Executive Officer to execute Amendment No. 6 to Contract Number 07H001 with CH2M Hill to complete construction support service for the Route 10 HOV lanes from Baldwin Avenue to Route 605 in the amount not to exceed \$203,714, increasing the Total Contract Value from \$7,741,679 to \$7,945,393.
- B. Authorize a \$29,000 contingency budget for unanticipated construction support services which would allow future contract amendments up to the original programmed amount for the project design and construction support services.

RATIONALE

The Route 10 High Occupancy Vehicle (HOV) lane project from Baldwin Avenue to Route 605 is currently in construction. CH2M Hill was retained to perform design/construction support services. Caltrans, the technical oversight agency for the project, has indicated that additional hours are required for construction support services. The additional construction support service is required because the construction contractor has encountered: a) field conditions that are different from those originally provided to the designer, b) modifications to incorporate the latest Caltrans design standards, and c) modifications requested by local jurisdictions. MTA staff has reviewed the proposed scope and level of effort and concurs with Caltrans' recommendations (see Attachment A – Procurement Summary).

In the 1992, 1993, 1995 and 2000 Call for Projects and in Board Actions of September 25, 1997 and February 23, 2001, the MTA allocated funding to deliver the design, right-of-way and construction of the HOV lanes on Route 10 between Baldwin Avenue and Route 605 (see Attachment B – Project Location). In December 1992, Caltrans awarded the design/construction support contract to CH2M

Hill. In August 1993, Caltrans transferred the contract to the MTA due to a court ruling that Caltrans could not administer locally funded freeway design contracts.

By mutual agreement, Caltrans and the MTA subsequently suspended the contract to resolve design standards and funding issues. The MTA Board approved the restart of the contract with CH2M Hill at its May 26, 1998 meeting. Caltrans began construction of the Project in January 2002 and CH2M Hill is currently performing construction support work. The consultants' work is expected to continue to March 2005, after the HOV lanes are opened to traffic and the initial landscaping establishment period is fulfilled.

IMPACTS TO OTHER CONTRACTS

There are no impacts to other contracts or contactors as a result of the recommendations. The Project budget for design, right-of-way and construction was established through the Call for Projects programming actions described above. The total contract value for design/construction support, with this amendment, will still be under the programmed amount. The Project's construction budget, which is utilized by Caltrans, is also not affected by the proposed recommendations.

FINANCIAL IMPACT

Funding of \$100,000 for the existing and additional construction support services is included in the FY 2004 budget in Cost Center 4360, San Gabriel Valley Area Team, under Project Number 420002, Route 10 HOV Lanes, and Account Number 50316. Since this is a multi-year contract, the cost center manager and Executive Officer will be accountable for budgeting the costs in future years. In FY 2003, \$248,351 was expended on the design and construction support services.

There are adequate design funds available for this project to accommodate the requested contract amendment. MTA programmed a total of \$7,975,000 for the design phase. A total of \$7,741,679 has been expended for the design and construction support work to date. The \$203,714 for this amendment to complete construction support services will bring the anticipated total contract expenditures to \$7,945,393.

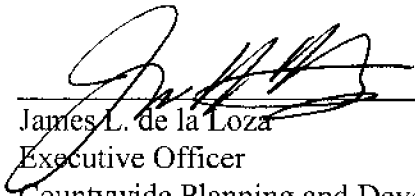
ALTERNATIVES CONSIDERED

The MTA Board may reject the requested amendment. This is not recommended because the project cannot move forward without the provision of construction support services. CH2M Hill is the engineer of record on this project and continued utilization of the firm is the most cost effective means to provide the services.


ATTACHMENTS

- A. Procurement Summary
- B. Project Location Map

Prepared by: Benkin Jong, Transportation Planning Manager
Shahrzad Amiri, Director, San Gabriel Valley Area Team
Carol Inge, DEO, Transportation Development and Implementation
Carl Euting, Contract Administrator



James L. de la Loza
Executive Officer
Countywide Planning and Development



Rogér Snoble
Chief Executive Officer

PROCUREMENT SUMMARY

DESIGN OF HOV LANE ON 1-10 (AMENDMENT #6)

| | | | |
|-----|-----------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------|
| 1. | Contract No.: 07H001 | | |
| 2. | Recommended Contractor: | | |
| | Name: CH2M Hill | City: Santa Ana, California | |
| 3. | Cost/Price Analysis Information: | | |
| | A. Proposed Price: \$203,714 | Recommended Price: \$203,714 | |
| | B. Explanation of Significant Variances: see Attachment A-1.D | | |
| 4. | Contract Type: CFFF | | |
| 5. | Procurement Dates: | | |
| | A. RFP Issued: Not applicable | | |
| | B. Advertised: Not applicable | | |
| | C. Pre-proposal Conference: Not applicable | | |
| | D. Proposals Due: Not applicable | | |
| | E. Pre-Qualification Completed: Not applicable | | |
| | F. Conflict of Interest Form Submitted to Ethics: Yes | | |
| 6. | Small Business Participation: | | |
| | A. %Goal in RFP: See Attachment A-2 for specifics | Date Small Business Evaluation Completed: Not applicable | |
| | B. Contractor Commitment: (see Attachment A-2) | | |
| 7. | Request for Proposal Information: | | |
| | Notifications Sent: 1 | Bids/Proposals Picked up: 1 | Proposals Received: 1 |
| 8. | Evaluation Information: | | |
| | A. Listing of Proposers: <u>Vendor Name:</u> CH2M Hill | <u>Proposal Amount:</u> \$203,714 | <u>BAFO Amount:</u> Not applicable |
| | B. Evaluation Methodology: Cost Analysis (see Attachment A-1.C) | | |
| 9. | Protest Information: | | |
| | A. Date Protest Period Ends: Not applicable | | |
| | B. Date Protest Received: Not applicable | | |
| | C. Disposition of Protest & Date: Not applicable | | |
| 10. | Contract Administrator: Carl Euting, Jr | | Telephone No.: 922-3679 |
| 11. | Project Manager: Ben Jong | | Telephone No.: 922-3053 |

PROCUREMENT SUMMARY

DESIGN OF HOV LANE ON 1-10 (AMENDMENT #6)

A. Background of Contractor

CALTRANS novated CH2M Hill contract 07H001 to the MTA in August 1993. Work was suspended in 1995 to resolve design standards and funding issues and the contract was restarted in January 1998. CH2M Hill performs studies, designs and construction of large highway projects and has successfully completed other MTA contracts.

B. Procurement Background

This Amendment #6 includes providing engineering support to construction through the project's estimated completion in March 2005. CALTRANS provides project management support directly to the Contractor, with MTA project management performing an oversight and budgeting function.

C. Evaluation of Proposal

A cost analysis was performed by the Contract Administrator and a technical evaluation was performed on the Contractor's proposal for this Amendment by Caltrans.

D. Cost/Price Analysis

The recommended price has been determined to be fair and reasonable based upon a cost analysis (which used MASD audit data from a previous contract amendment) and a technical evaluation.

| Proposal Amount | Cost Analysis | Recommended Amount |
|------------------------|----------------------|---------------------------|
| \$203,714 | \$203,714 | \$203,714 |

LIST OF SUBCONTRACTORS

DESIGN OF HOV LANE ON 1-10 (AMENDMENT #6)

Caltrans awarded the contract to CH2M Hill in 1992. The goals established for this contract were Minority Business Enterprise (MBE) 15%, Women Business Enterprise (WBE) 5% and Disabled Veteran Business Enterprise (DVBE) 3%.

In 1993, following a court ruling, the MTA assumed project administration. The project was placed on hold in 1995 and restarted in 1998. The scopes of work performed by the WBE and DVBE were completed prior to 1998. Also, the Prime demonstrated good faith efforts by utilizing four (4) additional firms to increase MBE and WBE participation.

Current attainment¹ based on the relevant contract amount² is 19.0% MBE, 2.2% WBE and 2.0% DVBE. Current DBE participation based on the total actual amount paid-to-date to prime is 19.0% MBE, 2.2% WBE and 2.0% DVBE.

PRIME CONTRACTOR – CH2Mhill, Contract 07H001

| MBE Subcontractor | Commitment | Current Attainment ¹ | Current Participation ³ | Current Status |
|----------------------------|--------------|---------------------------------|------------------------------------|------------------|
| F P L and Associates | 5.7% | 8.1% | 8.1 | Performing |
| Tatsumi and Partners | 2.3% | 2.5% | 2.5% | Performing |
| Hernandez, Kroone & Assoc. | 1.3% | 1.5% | 1.5% | Performing |
| ACT Consulting | N/A | 5.6% | 5.6% | Performing |
| Allied Baricade | N/A | .34% | .34% | Completed |
| E2 Consulting Engineers | N/A | 0% | 0% | Completed |
| JRG & Associates | 1.1% | 1.0% | 1.0% | Completed |
| TOTAL | 10.4% | 19.0% | 19.0% | Completed |

| WBE Subcontractor | Commitment | Current Attainment ¹ | Current Participation ³ | Current Status |
|---------------------------|-------------|---------------------------------|------------------------------------|------------------|
| Marrs Services | N/A | .11% | .11% | *Completed |
| Myra Frank and Associates | 5.0% | 1.2% | 1.2% | *Completed |
| TOTAL | 5.0% | 2.2% | 2.2% | Completed |

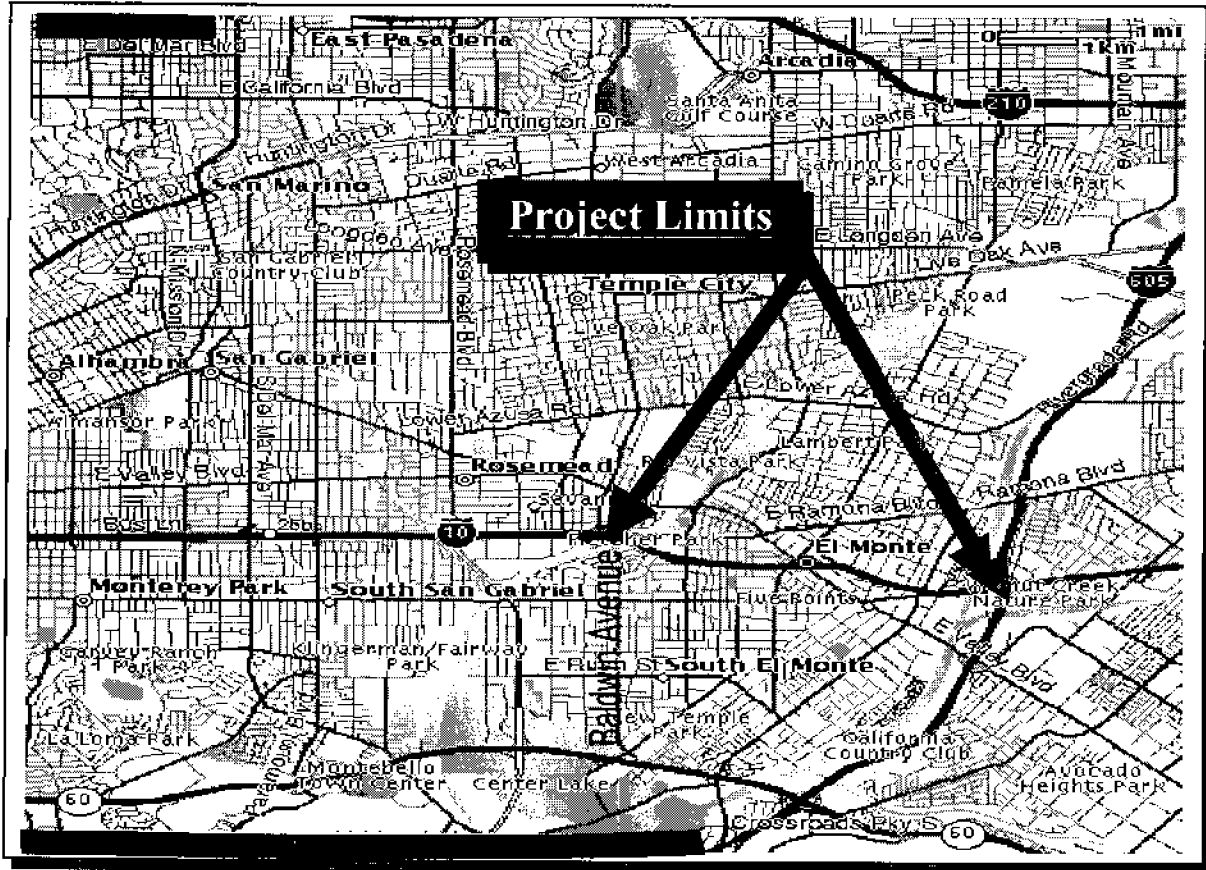
| DVBE Subcontractor | Commitment | Current Attainment ¹ | Current Participation ³ | Current Status |
|-----------------------|-------------|---------------------------------|------------------------------------|------------------|
| H.G. Winkler & Assoc. | 3.0% | 2.0% | 2.0% | *Completed |
| TOTAL | 3.0% | 2.0% | 2.0% | Completed |

¹Current Attainment = Total Actual Amount Paid-to-Date to Subs ÷ Total Relevant Contract Amount

²Relevant Contract Amount = Original Contract Value + Contract Cost Modifications

³Current Participation = Total Actual Amount Paid-to-Date to Subs ÷ Total Actual Amount Paid-to-Date to Prime

* Scope of work completed prior to hold placed on project in 1995.



Project Location