



CONSTRUCTION COMMITTEE
MAY 19, 2005

PROJECT: METRO ORANGE LINE

CONTRACT: PS-4350-0972, STV, INC.

ACTION: AUTHORIZE THE CHIEF EXECUTIVE OFFICER TO NEGOTIATE AND EXECUTE A CHANGE ORDER FOR CONTINUATION OF ENGINEERING SERVICES TO SUPPORT COMPLETION OF THE ORANGE LINE

RECOMMENDATION

- A. Authorize the Chief Executive Officer to negotiate and execute Change Order No. 11 to Contract No. PS-4350-0972 with STV, Inc., for continuation of Engineering Services in an amount not-to-exceed \$352,077, increasing the Total Contract Value from \$7,853,869 to \$8,205,946; and
- B. Authorize the Chief Executive Officer to execute future contract modifications to Contract No. PS-4350-0972 up to an amount not-to-exceed \$35,200, increasing the Total Contract Value from \$8,205,946 to \$8,241,146.

Within Construction Committee authority: Yes No N/A

RATIONALE

In November 2000, the Board of Directors authorized the Chief Executive Officer to negotiate and execute a Cost-Plus-Fixed-Fee contract with STV, Inc. (STV) to provide Preliminary Engineering and Engineering Design Services for the San Fernando Valley Bus Rapid Transit Project (now known as the Metro Orange Line) in an amount not-to-exceed \$10,486,723, and change orders in an amount not-to-exceed ten percent of the contract value. On March 21, 2001, LACMTA staff awarded a contract to STV, with a not-to-exceed amount of \$7,139,881 and established a Contract Modification Authority of \$713,988.

To date, the work has been performed within budget. However, the previously authorized total value could be depleted as early as July 2005. The recommended action will provide

funding for the design support during bid and construction of the Canoga Station/Park-and-Ride Project 800117, which was adopted by the Board of Directors in March 2005, and continued funding for construction and close out support of the main Orange Line Design/Build Contract C0675 to achieve the planned September 2005 Revenue Operation Date.

The scope of work in Change Order No. 11 associated with the Canoga Station/Park-and-Ride includes technical review and revisions related to bidders' questions; review of shop drawings; technical review and revisions related to contractor Requests for Information, Requests for Change and construction change orders; assistance in evaluating claims related to design issues; developing special studies and/or design solutions; and coordinating the receipt of as-built drawings and preparing record drawings.

Work associated with completion of the main Orange Line Design/Build Contract C0675 includes review of remaining design submittals and resubmittals, review of contractor Requests for Information and Requests for Change, providing systems/communications technical specialists to help resolve technical issues during installation and testing of communications systems; assistance in evaluating claims and developing materials for presentation to the C0675 Disputes Review Board.

IMPACTS TO OTHER CONTRACTS

None

FINANCIAL IMPACT

The funding of \$352,077 for this action is included in the FY05 Capital Budget of \$166,932,987 for Project 800112 Metro Orange Line and \$8,000,000 for Project 800117 Canoga Station/Park-and-Ride, within Cost Center 8510 under line item 50316 for Professional and Technical Services. The adopted life of project budgets of \$313,000,000 for Project 800112 and \$26,000,000 for Project 800117 are not impacted by this action. Since this is a multi-year project, the cost center manager and Chief Capital Management Officer will be accountable for budgeting the project costs in future years consistent with the Board of Directors adopted total project budget.

COST RECOVERY

Potential for Cost Recovery: Yes No N/A

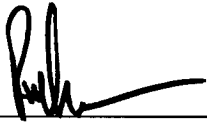
ALTERNATIVES CONSIDERED

The Board of Directors may reject Recommendations A and B and not increase the Contract Modification Authority, but staff is not recommending this option. When the current Contract Modification Authority is exhausted, a new engineering services contract would be required as engineering services will not be available to support the Orange Line, including the Canoga Station/Park-and-Ride project (STV is the “Engineer-of-Record” for a portion of the project). This could result in significant delays to the Orange Line. In addition, LACMTA would incur additional labor costs to develop Invitation for Bid documents and procurement of a separate contract.

ATTACHMENTS

- A. Procurement Summary
- A1. Procurement History
- A2. List of Subcontractors

Prepared By: Hitesh Patel, Deputy Project Manager
Roger Dames, Deputy Executive Officer, Project Manager



Richard D. Thorpe
Chief Capital Management Officer



Roger Snoble
Chief Executive Officer

BOARD REPORT ATTACHMENT A
 PROCUREMENT SUMMARY
 ACTION: CONTRACT MODIFICATION
 IN THE AMOUNT NOT-TO-EXCEED \$352,077
 Metro Orange Line Bus Rapid Transit Project
 Continued Design Support During Construction

1.	Contract Number: PS- 4350 - 0972		
2.	Recommended Vendor: Eastside STV Inc.		
3.	Cost/Price Analysis Information:		
	A. Bid/Proposed Price: \$422,008	Recommended Price: \$352,077	
	B. Details of Significant Variances are in Attachment N/A		
4.	Contract Type: Cost-Plus-Fixed-Fee (CPFF)		
5.	Procurement Dates: Not Applicable to Contract Modifications		
	A. Issued: N/A		
	B. Advertised: N/A		
	C. Pre-proposal Conference: N/A		
	D. Proposals Due: N/A		
	E. Pre-Qualification Completed: N/A		
	F. Conflict of Interest Form Submitted to Ethics: YES		
6.	Small Business Participation:		
	A. Bid/Proposal Goal: See Attachment A-2	Date Small Business Evaluation Completed: N/A	
	Small Business Commitment: See Attachment A-2		
7.	Invitation for Bid/Request for Proposal Data: Not Applicable to Contract Modifications		
	Notifications Sent: N/A	Bids/Proposals Picked up: N/A	Bids/Proposals Received: N/A
8.	Evaluation Information:		
	A. <u>Bidders/Proposers Names:</u> See 2 above	<u>Bid/Proposal Amount:</u> See 3A above	<u>Best and Final Offer Amount:</u> N/A
	B. Evaluation Methodology: Cost Analysis		
9.	Protest Information:		
	A. Protest Period End Date: N/A		
	B. Protest Receipt Date: N/A		
	C. Disposition of Protest Date: N/A		
10.	Contract Administrator: John K. Doidge	Telephone Number: (213) 922-1034	
11.	Project Manager: Roger Dames	Telephone Number: (213) 922-7280	

BOARD REPORT ATTACHMENT A-1

PROCUREMENT HISTORY: Metro Orange Line Bus Rapid Transit Project

A. BACKGROUND ON CONTRACTOR

STV Inc. is a national leader in the design and engineering of bus and rail systems and facilities. STV was established in 1912 and has been ranked by Engineering News-Record as No. 6 in Mass Transit and No. 12 for Transportation in the nation.

The firm's staff of over 1,200 professional planners, engineers, architects and support personnel in twenty offices nationwide offer sound technical expertise in planning, designing and building roadways, transit systems and station and maintenance facilities.

STV served as designer of the first two design/build/operate/maintain light rail transit systems in the nation – the John F. Kennedy AirTrain LRT in New York City and the Hudson-Bergen LRT system in New Jersey. In addition to providing Construction Management Services for the Pasadena Metro Blue Line LRT, STV has provided project management oversight services to the Federal Transit Administration for light rail systems in Salt Lake City, Denver, New Orleans and San Francisco.

B. PROCUREMENT BACKGROUND

The Board authorized award of this contract to STV Inc., for Phase I (Preliminary Engineering and Engineering Design Services on November 30, 2000, with funding at the not-to-exceed amount of \$10,486,723 plus ten percent (10%) for future change orders. The contract was subsequently negotiated at \$7,139,881. Current Total Not-To-Exceed Contract Value is \$7,853,869.

C. EVALUATION OF PROPOSALS

The MTA Project Office, Office of Procurement and County Counsel have reviewed the facts underlying each change order and concur that they have been merited under the terms and conditions of the Contract and Public Utilities Code § 130243. The Management Audit Services Department (MASD) has completed the required audit of this change order.

D. COST/ PRICE ANALYSIS EXPLANATION OF VARIANCES

The recommended amount of \$357,077 has been determined to be fair and reasonable based upon fact-finding, independent estimate, pre-award audit performed by MASD, cost analysis and negotiations.

BOARD REPORT ATTACHMENT A-2
LIST OF CONTRACTORS/ SUBCONTRACTORS

PRIME CONTRACTOR

STV Inc.

DISADVANTAGED BUSINESS ENTERPRISE (DBE) SUBCONTRACTORS

Concensus Planning Group, Inc. Virginkar & Associates
LKG-GMC Consultants Coast Surveying
J.L. Patterson & Associates Horton Lees Lighting Design
VLG Engineering Arellano Associates
Anil Verma Associates, Inc.

OTHER SUBCONTRACTORS

URS Corp. Booz Allen Hamilton, Inc.
McCormick Rankin Corp. Korve Engineering
CHEC Consultants, Inc. Wilson, Ihrig & Associates, Inc.

SMALL BUSINESS PARTICIPATION

The Contractor committed to Disadvantaged Business Enterprise (DBE) participation of 18.73%. The contract is 98.7% complete. Current DBE attainment¹ based on the relevant contract amount² is 16.22%. Current DBE Participation³ based on the total actual amount paid-to-date to prime is 16.78%. The Contractor utilizing the original DBEs to perform on the work of the contract also demonstrated Good Faith Efforts.

Original Award Amount	\$ 7,139,881
Relevant Contract Amount ²	\$ 7,853,869
Total Actual Amount Paid to Date to Prime	\$ 7,603,405

Subcontractor	Commitment	Current Attainment ¹	Current Participation ³	Current Status
Arellano Associates	\$ 130,119	0.01%	0.01%	
Virginkar & Assoc., Inc.	\$ 227,715	1.31%	1.36%	
Coast Surveying, Inc.	\$ 80,154	0.62%	0.64%	
J.L. Patterson & Assoc.	\$ 442,029	5.83%	6.03%	Performing
VLG Engineering	\$ 204,750	2.05%	2.12%	Performing
Anil Verma	\$ 96,393	4.61%	4.77%	Performing
Horton Lees	\$ 70,515	0.63%	0.65%	Performing
LKG-CMC	\$ 85,282	1.16%	1.20%	
TOTAL	\$1,336,957	16.22%	16.78%	Expected to Meet goal

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

²Relevant Contract Amount= Original Contract Value + Contract Cost Modifications affecting DBE or SBE Scope of Work

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

