



Metro

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**OPERATIONS COMMITTEE
NOVEMBER 20, 2008**

PROJECT: METRO RED LINE STATION CANOPIES
CONTRACT: PS4310-1268-12-10-2 STV, INC.
ACTION: EXECUTE CONTRACT MODIFICATION

RECOMMENDATION

- A. Authorize the Chief Executive Officer to execute Contract Modification No. 2 to Contract PS4310-1268-12-10-2, to STV, Inc. for Final Design Services and Bid Period Services for the 14 new canopies over the exposed escalators and stairs at existing Metro Red Line subway station entrances in an amount not to exceed \$804,364.00, increasing the total contract value from \$833,997.00 to \$1,638,361.00;
- B. Authorize additional Contract Modification Authority in an amount not to exceed \$100,000 for potential changes; and
- C. Increase the cumulative total value by \$804,364 for the Countywide Planning Bench and Development Bench under Contract Number PS4310-1268 increasing the total authorized amount from \$14,770,000.00 to \$15,575,361.00.

RATIONALE

In January 2007, the Board of Directors authorized the Chief Executive Office to utilize and award a one-year firm fixed price professional services contract, Contract No. PS4310-1268-12-10-2, to STV Inc. to provide preliminary design of 14 new canopies over exposed escalators and stairs at existing Metro Red Line subway entrances in the amount of \$833,997. The original scope of work was to prepare preliminary engineering 30% design drawings and to provide design-build contract bid documents, including Statement of Work, Project Specific Requirements, and Performance Specifications.

During the completion of preliminary engineering, it became apparent that due to the nature of designing for existing conditions, additional detailed design would be necessary to ensure that the various construction interfaces and other design elements could be accurately accounted for in preparing more accurate cost estimates. The preliminary cost estimates indicate that the costs are significantly beyond the conceptual cost estimates. Therefore, staff recommends that contract delivery method be changed from Design-Build to Design-Bid-Build. This Contract Modification will allow the Consultant to take the 30%

Preliminary Engineering to 100% Final Design (including signed and sealed drawings and specifications) and also provide for Bid Period Services. This will provide greater control of the design to ensure that standardized elements of the canopies can be adapted at each specific site location. It will also allow more flexibility in contracting options with other related capital improvement projects, including phased construction.

BACKGROUND

Listed below are the Metro Red Line station entrances with exposed escalators and stairs requiring canopies:

<u>Station Name</u>	<u>Number of Canopies</u>
Civic Center	2
Pershing Square	3
Westlake/McArthur Park	2
Wilshire/Normandie	1
Vermont/Beverly	1
Vermont/Santa Monica	1
Vermont/Sunset	1
Hollywood/Western	1
<u>Universal City Station</u>	<u>2</u>
Total Canopies	14

IMPACTS TO OTHER CONTRACTS

The completion of this project will prolong the life of escalators and may potentially reduce unforeseen costs caused by weather associated with the existing Elevator/Escalator Maintenance and Repair Services Contract (Contract OPO-3344-0667). Although use of the Countywide Planning Bench accelerates the delivery of the Canopy design product, the tradeoff is a reduction in the balance of dollar expenditure threshold levels dedicated to Planning program initiatives.

FINANCIAL IMPACTS

The requested increase of \$804,364 for Contract Modification No. 2 is included in the FY'09 budget for Project 204006 MRL Stations Canopies in Cost Center 3960 (Transit System Engineering), Account 53101 Acquisition. The current LOP Budget of \$6.5 million was developed based on a conceptual construction estimate. As we have progressed to the 30% design level, we now have enough data to evaluate that the initial LOP budget will be inadequate to complete installation on all 14 locations. Staff will bring the Board options for a phased construction at a later date. The final LOP Budget will be contingent upon the completion of the Final Design and Design-Bid-Build bids. Any increase to the LOP will be presented to the Board for approval in late FY09.

ALTERNATIVES CONSIDERED

The Board of Directors could decide to not approve this action and direct staff to proceed with the current design-build delivery approach. This alternative is not recommended because the preliminary engineering and cost estimates indicate that the level of engineering must be increased to ensure more accurate cost estimates and reduce additional construction cost and operating cost risks.

ATTACHMENTS:

- A. Procurement Summary
- A-1. Procurement History
- A-2. List of Subcontractors

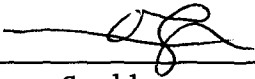
Prepared by: Girish Roy, Director of Construction Management
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K. N. Murthy
Deputy Chief Capital Management Officer



Mike Cannell
General Manager, Metro Rail Operations



Roger Snoble
Chief Executive Officer

**BOARD REPORT ATTACHMENT A
PROCUREMENT SUMMARY**

Metro Red Line Canopy

1.	Contract Number: PS4310-1268-12-10-2		
2.	Recommended Vendor: STV, INC.		
3.	Cost/Price Analysis Information:		
	A. Bid/Proposed Price: \$804,364	Recommended Price: \$804,364	
	B. Details of Significant Variances are in Attachment A-1.		
4.	Contract Type: Firm-Fixed Price		
5.	Procurement Dates:		
	A. Issued: 07/29/08		
	B. Advertise: N/A		
	C. Pre-proposal Conference: N/A		
	D. Proposals Due: 10/13/08		
	E. Pre-Qualification Completed: Yes		
	F. Conflict of Interest Form Submitted to Ethics: Yes		
6.	Small Business Participation: Yes		
	A. Bid/Proposal Goal: SBE Goal of 10%	Date Small Business Evaluation Completed: Yes 10/22/2008	
	B. Small Business Commitment: 10.16% Details are in Attachment A-2		
7.	Invitation for Bid/Request for Proposal Data: Yes		
	Notifications Sent: N/A	Bids/Proposals Picked up: N/A	Bids/Proposals Received: N/A
8.	Evaluation Information: Yes		
	A. Bidders/Proposers Names: N/A	<u>Bid/Proposal Amount:</u> \$804,364	<u>Best and Final Offer Amount:</u> \$804,364
	C. Evaluation Methodology: Qualifications and Cost Analysis Details are in Attachment A-1.C		
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: Barbara A. Gatewood	Telephone Number: 922-7317	
11.	Project Manager: Girish Roy	Telephone Number: 922-7523	

BOARD REPORT ATTACHMENT A-1 PROCUREMENT HISTORY

Metro Red Line Canopy

A. Background on Contractor

STV Inc. is a leading consulting firm offering engineering, architectural, planning environmental and construction management services. STV, Inc. has been a design presence in Los Angeles for approximately 62 years, and has provided their services both locally and throughout the United States. Currently, STV, Inc., is approved by us as a Countywide Planning Architectural and Urban Design "Bench" firm. Besides performing engineering services for other transit properties in Boston, MA and Washington, D.C, the firm has also provided engineering services for Southern California Regional Rail Authority (SCRRA) and corresponding Metrolink stations (Burbank Airport, Princessa, Northridge and Lancaster Stations). STV, Inc. was the firm used to provide preliminary engineering services for Metro's Red Line Vermont/Santa Monica Station, Orange Line BRT and Wilshire Bus Rapid Transit Design-Build projects.

B. Procurement Background

This solicitation, in support of the MRL Canopy Design Project as a Design-Bid-Build effort, is a follow-on procurement with standard terms and conditions as issued under our Countywide Consultant Planning Bench Contract. Modification No. 2 is for STV, Inc. to complete a 100% Design-Bid-Build package instead of a Design-Build design for the Metro Red Line Canopy project. The cost for this modification is \$804,364.

The original procurement issued for consultant services to complete the preliminary engineering 30% design drawings, to provide design-build contract bid documents, and limited reviews relating to design intent of the canopy during the construction phase was awarded to STV, Inc. for the firm-fixed price amount of \$833,997.00. STV, Inc. was selected from three consultation firms who proposed on this project. Board Report #39 dated January 18, 2007 and approved by our Board January 25, 2007 initiated the Canopy Design specific to this effort.

Modification No. 2, if approved is for an increase of \$804,364 to the original contract amount of \$833,997.00, equaling a total firm fixed price of \$1,638,361 for STV, Inc. to complete a 100% Design-Bid-Build package instead of a Design-Build design for the Metro Red Line Canopy project.

The contract will be awarded as a Firm Fixed Price Task Order under the Consultant Planning Bench.

The Diversity and Economic Opportunity Department recommended a ten percent (10%) SBE Goal for this procurement.

C. Evaluation of Proposals

The solicitation was issued in accordance with the Procurement Policy Manual. An internal evaluation team was convened and conducted a comprehensive technical evaluation.

D. Cost/Price Analysis Explanation of Variances

The recommended price has been determined to be fair and reasonable based upon a price and cost analysis, an independent cost estimate, a technical review, and a fact find.

**BOARD REPORT ATTACHMENT A-2
LIST OF SUBCONTRACTORS
Metro Red Line Canopy**

SMALL BUSINESS PARTICIPATION (Contract #PS-4310-1268-12-10-2)

This Task Order has a Small Business Enterprise (SBE) participation commitment of 10.16%. The contract was awarded to STV, Inc. on February 8, 2007, and is approximately 95% complete. Current SBE attainment¹ based on the current contract amount² is 6.15%. The SBE participation³ based on total actual amount paid-to-date to Contractor and total actual amount paid-to-date to SBE firms is 6.21%. The two SBE firms are performing as listed below. Based on the remaining SBE work performed and invoiced, it is expected that STV, Inc. will meet its SBE commitment.

On approval of this modification, STV, Inc. will be adding three SBE subcontractors.

Original Award Amount	\$833,997.00
Current Contract Amount²	\$833,997.00
Total Actual Amount Paid to Date to Prime	\$826,444.59

Subcontractor's Name	Commitment	Current Attainment ¹	Current Participation ³	Current Status
D'Leon Consulting Engineers	7.17%	5.73%	5.79%	Performing
Sanchez Kamps Associates	2.99%	0.42%	0.42%	Performing
VCA Engineers, Inc.	NA	NA	NA	To be Added
Diaz, Yourman & Associates	NA	NA	NA	To be Added
Wagner Engineering & Survey	NA	NA	NA	To be Added
TOTAL	10.16%	6.15%	6.21%	Performing

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

²Current Contract Amount = Original Contract Amount + Contract Cost Modifications

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