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REVISED 14



CONSTRUCTION COMMITTEE
APRIL 17, 2002

Metropolitan
Transportation
Authority

Gateway Plaza
Los Angeles, CA
90012-2952

PROJECT: EASTSIDE LIGHT RAIL TRANSIT PROJECT

CONTRACT: PS-4310-0964, EASTSIDE LRT PARTNERS, JV
PARSONS BRINCKERHOFF, JENKINS/GALES &
MARTINEZ, & BARRIO PLANNERS, INC.

ACTION: AUTHORIZE THE CEO TO EXECUTE A
CONTRACT MODIFICATION FOR THE
CONTINUATION OF PRELIMINARY
ENGINEERING DESIGN SERVICES IN AN
AMOUNT NOT TO EXCEED \$4,777,432

RECOMMENDATION

Authorize the Chief Executive Officer to execute Change Order No. 3 to Contract No. PS-4310-0964, with Eastside LRT Partners, a Joint Venture, consisting of Parsons Brinckerhoff, Jenkins/Gales & Martinez, and Barrio Planners, Inc., for a total amount not to exceed \$4,777,432, for continuing preliminary engineering design services. This authorization is pending the Federal Transit Administration (FTA) approval to enter into final design.

Within Construction Committee authority: Yes No N/A

BACKGROUND

The existing contract with Eastside LRT Partners for design services includes a-Part 1 first phase for four months to perform preliminary engineering (April 2001 through August 2001), and Part 2 subsequently a second phase for four months to perform of continuing preliminary engineering (August 2001 through December 2001). In September 2001, the contract performance period was extended from December 2001 to April 2002, in order to support the project's Supplemental Environmental Impact Statement/Supplemental Environmental Impact Report approval process.

This request is to proceed with Part 3, continuing preliminary engineering design services for three months, to begin at the conclusion of the currently authorized period (April 2002). The continuing ation of preliminary engineering design services, and will allow Eastside LRTPartners to progress with the critical design work, pending FTA approval to commence final design. The critical work which includes the tunnel and the two underground stations- excavations. In addition, the

consultant will continue to provide community outreach support services and California Public Utilities Commission (CPUC) coordination that is currently underway.

During the 3-three month period, the definition of underground station architectural and structural design and seismic loading criteria, would be enhanced, to ensure both the quality of the project's architectural design and structural capacity. The Design/Build (D/B) contractor will be required in the final design phase to incorporate the developed architectural concepts and the specified level of structural capacity with detailed and complete shop drawings. This approach provides the D/B contractor with sufficient flexibility to design significant efficiencies with civil, mechanical, electrical, vertical transportation and other systems, while ensuring compliance with developed architectural concepts and the structural integrity of a heavily used public facility situated directly on over a blind fault in an active seismic region.

The design will include, but is not limited to, the completion of all basic layouts of drawings incorporating criteria and concepts with only final details left to be developed. This design level will permit the MTA to validate the schematic design preliminary engineering concepts and allow the D/B contractor to advance them to the final design stage for construction. The design documentation at this point should provide a clear indication of the design being pursued and reflect design solutions for issues identified.

Upon conclusion of this design period, the documents will provide a more complete representation of the project scope so that all participating agencies can review the proposed construction, and serve as a basis for obtaining concurrence from city, county, state (including CPUC), and federal agencies, utilities, and railroads, and to provide a basis for final design within a D/B Request for Proposal.

FINANCIAL IMPACT

The funding of \$4,777,432 for this service is included in the FY02 budget in Cost Center 4320 (Central Area Team) under Project 800088 (Eastside LRT), Line Item No. 50316 (Professional & Technical Services). In FY02, \$9,912,018 was expended on this line item.

ALTERNATIVES CONSIDERED

The Board could suspend design work until the FTA approves the commencement of final design. This alternative is not recommended since it would delay the project completion, and the suspension in design work will cause the project to incur additional demobilization and remobilization costs.

ATTACHMENTS

- A. Procurement Summary
- B. Contract Value Summary

Prepared by: Dennis S. Mori, Project Manager
Rick Wilson, Project Control Manager

Dennis S. Mori

Dennis S. Mori
Interim Executive Officer, Construction

Roger Snoble
Chief Executive Officer

**BOARD REPORT ATTACHMENT A
PROCUREMENT SUMMARY**

**ACTION: CONTRACT MODIFICATION
IN THE AMOUNT NOT-TO-EXCEED \$4,777,432
Eastside Light Rail Transit Project**

1.	Contract Number: PS-4310-0964		
2.	Recommended Vendors: Eastside LRT Partners, a Joint Venture		
3.	Cost/Price Analysis Information:		
	A. Bid/Proposed Price: TBD \$5,756,759	Recommended Price: TBD \$4,777,432	
	B. Details of Significant Variances: 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: N/A		
6.	Small Business Participation: No goal recommended		
	A. Bid Goal: N/A	Date Small Business Evaluation Completed:	N/A
	B. Small Business Commitment: N/A		
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. Bidders/Proposers Names: See 2 above	Bid/Proposal Amount: 5,756,759	Best and Final Offer Amount: N/A
	B. Evaluation Methodology: Price^{Cost} comparison		
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: DonCosta E. Seawell	Telephone Number: 922-1056	
11.	Project Manager: Dennis S. Mori	Telephone Number: 922-7238	

ATTACHMENT A-1
PROCUREMENT HISTORY: Eastside Light Rail Transit Project

A. BACKGROUND ON CONTRACTOR

Previously, the Board directed staff to expedite the implementation of the three Transit Corridor projects, and this effort to accelerate PE is consistent with that direction. For the Eastside project, approval of the contract for Preliminary Engineering (PE) was essential if the MTA is to complete sufficient design work to amend its Federal Full Funding Grant Agreement in a timely manner. Following full and open competition, the Board authorized award of this contract to the Eastside LRT Partners, a joint venture consisting of Parsons Brinckerhoff, Jenkins/Gales & Martinez and Barrio Planners, Inc., for Preliminary Engineering, with funding at the not-to-exceed amount of \$20,859,000, plus five percent (5%) for future change orders. The contract was subsequently negotiated at \$18,959,501.

B. PROCUREMENT BACKGROUND

In August 2001 Phase Part 1 of Preliminary Engineering (PE) was completed for the entire project. In September 2001, the project commenced Phase Part 2 of PE for the Design/Build portion of the project in order to prepare the at-grade Design/Build packages for bidding. In February 2002, the Board approved the project by accepting the Final Supplemental Environmental Impact Report and Study (FEIR/FEIS). While the project awaits the Record of Decision from the Federal Transit Administration, it is in the best interest of the project to continue PE through an addition phase in order to prepare for Final Design. This modification will authorize Phase III Part 3 of PE through July of 2002, for the underground structures.

The Small Business Diversity (SBD) Unit recommended a 20.29% Small Business Enterprise (SBE) participation goal for this procurement. Current DBE attainment set forth in Attachment A-2.

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 these change orders and did not take exception with the cost proposals.

D. COST/PRICE ANALYSIS EXPLANATION OF VARIANCES

PROPOSED AMOUNT	MTA ESTIMATE	NEGOTIATED AMOUNT
\$5,756,759	\$5,139,857	\$4,777,432

The recommended total amount of \$4,777,857 has been determined to be fair and reasonable based upon fact finding, clarification, a cost price analysis with the MTA estimate and pre-award audit performed by Management Audit Services Department (MASD). MASD took no exceptions to the contractors proposed amounts.

**ATTACHMENT A-2
LIST OF CONTRACTORS/SUBCONTRACTORS**

PRIME CONTRACTOR

EASTSIDE LRT PARTNERS, a Joint Venture, consisting of:

- Parsons Brinckerhoff Quade & Douglas, Inc.
- Jenkins, Gales & Martinez, Inc.
- Barrio Planners, Inc.

SMALL BUSINESS SUBCONTRACTORS

- | | |
|-----------------------------------|--|
| Electrical Building Systems, Inc. | Kal Krishnan Consulting Services, Inc. |
| LKG-GMC Consultants | Manuel Padron & Assoc. |
| Ted Tokio Tanaka Architects | Wagner Engineering |

OTHER SUBCONTRACTORS

- | | |
|-------------------------------------|----------------------------------|
| Tetra Tech-ASL Consulting Engineers | Kennard Design Group |
| E-2 Consulting Engineers, Inc. | Jacobs and Associates |
| Moffatt & Nichol Engineers | Wilson, Ihrig & Associates, Inc. |

SMALL BUSINESS PARTICIPATION

This Contract has a 20.29% Disadvantaged Business Enterprise (DBE) participation goal. The contract was awarded March 8, 2001, and is approximately 81% complete. Current DBE attainment¹ based on the current contract amount² is 10.72%. Current DBE participation³ based on the total actual amount paid-to-date to prime and total actual amount paid-to-date to DBE is 19.01%.

Original Award Amount	\$ 18,929,501.00
Current Contract Amount²	\$ 19,399,751.00
Total Actual Amount Paid to Date to Prime	\$ 10,727,590.47

Subcontractor	Commitment	Current Attainment ¹	Current Participation ³	Current Status
Barrio Planners, Inc.	13.34%	7.85%	13.85%	Performing
Electrical Building Systems	1.02%	0.40%	0.70%	Performing
Kal Krishnan Consulting	0.55%	0.09%	0.16%	Performing
LKG-GMC Consultants	0.84%	0.38%	0.68%	Performing
Ted Tokio Tanaka Arch	0.87%	0.63%	1.21%	Performing
Manuel Padron & Assoc.	0.31%	0.17%	0.30%	Performing
Wagner Engineering	3.36%	1.20%	2.11%	Performing
TOTAL	20.29%	10.72%	19.01%	Expected to Meet the Goal

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

²Current 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 Prim

ATTACHMENT B
CONTRACT VALUE STATUS SUMMARY
R88 EASTSIDE LIGHT RAIL TRANSIT (ELRT)
CHANGE ORDER 0964-CO-3.00

Only shows cost allocated to R88

CONTRACTOR: EASTSIDE LRT PARTNERS /
ACTION DESCRIPTION: CHANGE ORDER 3.00 TO CONTRACT PS-4310-0964 - CONTINUE PRELIMINARY ENGINEERING - PHASE III

CUMULATIVE CONTRACT WORK ORDER VALUE STATUS

1. CUMULATIVE AWARD AMOUNT:[1]	\$18,929,502.00	(Includes \$0.00 in Planned Scope Amendments)
2. PREVIOUSLY EXECUTED CHANGES:	\$470,250.00	
3. CURRENT VALUE: (1+2)	\$19,399,752.00	
4. AUTHORIZED WAC/NLTP'S (NTE):	\$0.00	
5. OBLIGATED VALUE: (3+4)	\$19,399,752.00	
6. VALUE OF THIS ACTION:	\$4,777,432.00	
7. NEW VALUE (IF APPROVED): (5+6)	\$24,177,184.00	

Contract Work Order Value Status Reviewed by MTA Procurement:

CUMULATIVE AUTHORIZATION FOR EXPENDITURE STATUS

AFE INCREASE REQUIRED/REQUESTED:

8. MTA APPROVED AFE:	\$19,875,977.00	
9. NEW VALUE: (Line 7)	\$24,177,184.00	
10. REMAINING AFE: (8-9)	(\$4,301,207.00)	\$4,301,207.00 For this action
11. OTHER PENDING CHANGES (merited)	\$4,363,171.00	
12. REMAINING AFE VALUE (w/Changes: 10-11)	(\$8,664,378.00)	\$8,664,378.00 For all merited changes (projected cost)
13. ALLOWANCE FOR OTHER POTENTIAL CHANGES:	\$0.00	
14. REMAINING AFE VALUE (w/Allowance: 12-13)	(\$8,664,378.00)	\$8,664,378.00 For all merited and undefined changes

CUMULATIVE BUDGET STATUS

BUDGET VARIANCE (Initial to Current)

15. INITIAL BUDGET:	\$20,859,000.00	
16. CURRENT BUDGET:	\$29,512,923.00	\$8,653,923.00 Initial to Current Budget
17. NEW VALUE (IF APPROVED): (Line 7)	\$24,177,184.00	
18. REMAINING BUDGET: (16-17)	\$5,335,739.00	
19. OTHER PENDING CHANGES (merited) (Line 11)	\$4,363,171.00	
20. REMAINING BUDGET w/Changes (18-19)	\$972,568.00	

Contract Budget Status Reviewed by MTA Program Control: *R. Robinson*

DATE: 4/2/02

LINE 16 "CURRENT BUDGET" REFLECTS THE CUMULATIVE PROPOSED TRANSFER AMOUNT IDENTIFIED IN THE FINANCIAL IMPACT STATEMENT.

[1] - Award Amount includes initial award and Planned Scope Amendments

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