



**Metro**

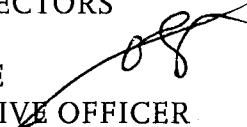
Metropolitan Transportation Authority


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May 10, 2006

TO: BOARD OF DIRECTORS

THROUGH: ROGER SNOBLE  
CHIEF EXECUTIVE OFFICER 

FROM: RICHARD D. THORPE   
CHIEF CAPITAL MANAGEMENT OFFICER  
CONSTRUCTION PROJECT MANAGEMENT

SUBJECT: BOARD REQUESTED MONTHLY UPDATE ON CONTRACT  
MODIFICATIONS FOR METRO GOLD LINE EASTSIDE  
EXTENSION CONTRACTS - PERIOD ENDING APRIL 2006

#### ISSUE

The Board of Directors has requested a monthly update report for construction contracts showing all executed and pending Contract Modifications and remaining Contract Modification authority value. The Contract Modification Report in Attachment A reflects the status of the Design/Bid/Build and Design/Build contract with Eastside LRT Constructors for the Metro Gold Line Eastside Extension Project, as of the end of April 2006.

#### RATIONALE

On April 15, 2004, the Board of Directors reaffirmed the Chief Executive Officer's authority to execute Contract C0803 to the lowest-priced responsive and responsible bidder. The Board also authorized the Chief Executive Officer to execute contract modifications for Contract C0803 up to \$42,031,430, subject to reporting requirements and Board approved contract dollar limitations. On June 1, 2004, the contract was awarded to Eastside LRT Constructors (a joint venture of Washington Group International, Obayashi Corporation and Shimmick Construction Corporation) in the amount of \$600,449,000.

#### STATUS

During the month of April 2006, there were six new Contract Modifications and no new executed Change Orders (Not-to-Exceed).

CM/CO/CN	Change Notice Description	Value
CM 18.00/CN 39.00	Weather delays from February 2005 through October 2005	\$0
CM 24.00/CN 32.00	Design, installation and testing on interlockings at the tunnel portals in lieu of the current powered crossovers	\$0
CM 25.00/CN 50.00	Public payphones	\$0
CM 26.00/CN 30.01	Design of modified arrangements for all substations	\$88,731
CM 28.00/CN 45.00	Value Engineering to eliminate hydrocarbon resistant membrane in u-sections of the West & East portals	(\$73,553)
CM 30.00/CN 36.01	Design of modified CCTV system	\$28,505

To date, for the tunnel, stations, trackwork and systems scope of work, there are 21 executed Contract Modifications for a combined value of \$1,471,420 and two approved Change Orders issued for a combined value of \$105,000. The total value of all Contract Modifications and Change Orders as of this report is \$1,576,420 as shown in Attachment A.

#### NEXT STEPS

Provide the Board the Contract Modification Report for the period ending May 2006.

#### ATTACHMENT

- A. Contract No. C0803, Tunnel, Stations, Trackwork and Systems, Contract Modification Report

**ATTACHMENT A  
METRO GOLD LINE EASTSIDE EXTENSION  
CONTRACT MODIFICATION REPORT**

**Contract C0803 - Tunnel, Stations, Trackwork and Systems - Eastside LRT Constructors**

**Current Contract Authorization for Modifications: 42,031,430**

**Less Executed Modifications:**

<u>Mod #</u>	<u>CN #</u>	<u>Description</u>	
1.00	2.00	EXERCISE OF "OPTION D: SHORTENING OF UNION STATION TAIL TRACK"	68,000
2.00	1.00	DELETE REQUIREMENT FOR PALM TREE TRANSPORT AND STORAGE AT PENNSYLVANIA AND BAILEY ST	(60,000)
3.00	4.00	REVISE RADIUS OF CURVATURE - 101 S. OFF-RAMP TO WESTBOUND 1ST STREET	0
4.00	5.00	C0803 PROVISIONAL SUM TO REIMBURSE DESIGN-BUILDER FOR ONE-HALF (1/2) OF PARTNERING COSTS	95,000
5.00	10.00	REVISE GENERAL CONDITIONS ARTICLE 33.3 REQUEST FOR INFORMATION	0
6.00	3.02	DRAWING CHANGES - DWP WATER PIPES	54,700
7.00	20.00	FINAL QUANTITIES OF HAZARDOUS MATERIALS (LEAD, ASBESTOS, AND TRANSITE PIPE) FOR C0800 ELEMENT OF WORK	0
9.00	19.00	REVISE GENERAL CONDITIONS ARTICLE 33.3 GC-34.8, SUBCONTRACTOR COSTS	0
11.00	25.00	ECONOMIC PRICE ADJUSTMENT FOR INDEXED ITEMS, PER SPECIAL PROVISIONS ARTICLE SP-37	253,922
12.00	26.00	WEATHER DELAYS FROM NTP THROUGH FEBRUARY 2005	0
14.00	24.00	EAST PORTAL SAFETY WALK AND CABLE TRENCH	60,000
15.00	17.00	6" SEWER LATERAL AT MARIACHI PLAZA	25,343
18.00	39.00	WEATHER DELAYS FROM FEBRUARY 2005 THROUGH OCTOBER 2005	0
19.00	34.05	INCREMENTAL COSTS OF EXCAVATING THE CREMATORIUM WALL	240,772
20.00	47.00	QUANTITY ADJUSTMENT FOR BID ITEM 01056.04, INCLINOMETER COST	40,000
21.00	48.00	SETTLEMENT OF CLAIM FOR EARTHQUAKE INSURANCE COST	650,000
24.00	32.00	DESIGN, INSTALLATION AND TESTING OF INTERLOCKINGS AT THE TUNNEL PORTALS IN LIEU OF THE CURRENT POWERED CROSSOVERS	0
25.00	50.00	PUBLIC PAYPHONES	0
26.00	30.01	DESIGN OF MODIFIED ARRANGEMENTS FOR ALL SUBSTATIONS	88,731
28.00	45.00	VE TO ELIMINATE HYDROCARBON RESISTANT MEMBRANE IN U-SECTIONS OF THE WEST & EAST PORTALS	(73,553)
30.00	36.01	DESIGN OF MODIFIED CCTV SYSTEM	28,505
<b>Total Executed Modifications:</b>			<b>1,471,420</b>

# ATTACHMENT A

## METRO GOLD LINE EASTSIDE EXTENSION

### CONTRACT MODIFICATION REPORT

Contract C0803 - Tunnel, Stations, Trackwork and Systems - Eastside LRT Constructors

**Current Contract Authorization for Modifications:** **42,031,430**

**Less Total Approved Change Orders (NTE's):**

<u>Change Notice #</u>	<u>Description</u>	
11.02	DESIGN, INSTALLATION & TESTING OF TRACTION POWER SYSTEM CONSISTING OF SIX SUBSTATIONS IN LIEU OF THE BASELINE FOUR SUBSTATIONS	25,000
33.00	INDIANA STATION RELOCATION ALTERNATIVE PRELIMINARY ENGINEERING SUPPORT	80,000

**Total Change Orders:** **105,000**

**Total value of all Contract Modifications and Change Orders:** **1,576,420**

**Balance available for future changes after disposition of Authorized Changes:** **40,455,010**

**Less Pending Modifications:** (Exact estimates not shown to preserve confidentiality of MTA negotiation position)

<u>Change Notice #</u>	<u>Description</u>	<u>Cost Range*</u>
9.00	WATER LINE & STORM DRAIN MODIFICATIONS BETWEEN GLESS STREET & MATHEW STREET	Less than One Million
11.02	DESIGN, INSTALLATION & TESTING OF TRACTION POWER SYSTEM CONSISTING OF SIX SUBSTATIONS IN LIEU OF THE BASELINE FOUR SUBSTATIONS (BALANCE OF COSTS)	Less than One Million
14.00	MODIFICATIONS TO CORROSION CONTROL, SYSTEMS AND 34.5 KV DUCTBANKS	(Less than One Million)
15.00	COMBINING OF CROSS PASSAGE & TUNNEL SUMP PUMP STRUCTURES	(Less than One Million)
31.00	BIOCHEM DETECTOR CONDUIT INSTALLATION	Less than One Million
33.00	INDIANA STATION RELOCATION ALTERNATIVE PRELIMINARY ENGINEERING SUPPORT (BALANCE OF COSTS)	Less than One Million
35.00	INDIANA STATION RELOCATION ALTERNATIVE	Less than One Million
43.00	LADWP POWER SERVICE DUCTBANK CONFLICT WITH THE TEMPORARY SHORING SYSTEM FOR SOTO STATION	Less than One Million
44.01	CREMATORIUM ACCESS ROAD AND WALL MODIFICATIONS	Less than One Million
49.00	DESIGN POWER SERVICE AT LITTLE TOKYO AND PICO ALISO STATIONS	Less than One Million
52.00	STREET TREE SUBSTITUTION AT WEST AND EAST PORTALS	Less than One Million
56.00	SOTO STATION BRACING SYSTEM CONTINGENCY PLAN	Less than One Million
57.00	ELIMINATION OF ELECTRICAL TRANSFORMERS FOR TUNNEL POWER	(Less than One Million)
58.00	DELETE SEISMIC DETECTION SYSTEM FOR AT-GRADE STATIONS	(Less than One Million)
60.01	ADD OCS GROUNDING & BONDING AT WEST PORTAL	Less than One Million

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CONTRACT MODIFICATION REPORT**

**Contract C0803 - Tunnel, Stations, Trackwork and Systems - Eastside LRT Constructors**

**Current Contract Authorization for Modifications: 42,031,430**

**Less Pending Modifications:** (Exact estimates not shown to preserve confidentiality of MTA negotiation position)

<u>Change Notice #</u>	<u>Description</u>	<u>Cost Range*</u>
61.00	AT-GRADE STATIONS TC&C ROOM PLUMBING CHANGES	Less than One Million
62.01	SOTO STATION PIEZOMETER INSTALLATION	Less than One Million
63.00	PORTAL SURVEILLANCE	(Less than One Million)
64.00	CROSS-PASSAGES/SUMP STRUCTURE GROUTING STUDY	Less than One Million

**Total Pending Rough Order of Magnitude Cost: 1,574,513**

**Remaining Authorization for Modifications after Disposition of Pending Changes 38,880,497**

\* Cost Range data is preliminary and may be revised as change notice scope is refined, estimates are prepared and Contract cost proposals are received. When available (and before negotiations are finalized) the Contractor's proposal value is usually used to project the remaining funds available. This tends to result in a "worst case" scenario. However, final negotiated values tend to end up in between the confidential Independent Cost Estimate and the Contractor's proposal. Not all pending change notices noted above become executed contract modifications – some are subsequently cancelled. Information presented is for the Metro Gold Line Eastside Extension Project 800088.