



Metro

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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 JANUARY 2007

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 January 2007.

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 January 2007, there were 12 new Contract Modifications and one executed Change Order (Not-to-Exceed).

CM/CO/CN	Change Notice Description	Value
CM 54.00/CN 31.01	Biochem Detector Conduit Installation	\$32,590
CM 56.00/CN 101.00	TPSS Site Number 3 Storm Drain	\$13,800
CM 57.00/CN 58.00	Delete Seismic Detection System for At-Grade Stations	(\$45,370)
CM 58.00/CN 33.00	Indiana Stations Relocation Alternative Preliminary Engineering Support	\$18,474
CM 59.00/CN 88.00	Investigate Differing Site Conditions at Little Tokyo Station Area	\$41,020
CM 60.00/CN 105.00	Revision to Safety Incentive Program Line Item (A.3.29)	\$60,000
CM 61.00/CN 106.00	Economic Price Adjustment No. 1 for Indexed Items	\$97,531
CM 62.00/CN 52.00	Street Tree Substitution at West & East Portals	(\$3,583)
CM 62.00/CN 52.01	Street Tree Substitution at West & East Portals	\$0
CM 65.00/CN 78.00	TVM SCADA Interface	\$4,022
CM 66.00/CN 44.02	Crematorium Access Road and Wall Modifications	\$0
CM 66.00/CN 44.03	Crematorium Wall Modifications	\$74,000
CN 89.04	Additional Traffic Signal Pre-Emption Along 3 rd St.	\$30,000

To date, for the tunnel, stations, trackwork and systems scope of work, there are 45 executed Contract Modifications for a combined value of \$2,572,772 and four approved Change Orders issued for a value of \$90,000. The total value of all Contract Modifications and Change Orders as of this report is \$2,662,772 as shown in Attachment A.

NEXT STEPS

Provide the Board the Contract Modification Report for the period ending February 2007.

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 TWO 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	VALUE ENGINEERING 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
32.00	49.00	DESIGN POWER SERVICE AT LITTLE TOKYO AND PICO ALISO STATIONS	49,903

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Current Contract Authorization for Modifications: 42,031,430

Less Executed Modifications:

<u>Mod #</u>	<u>CN #</u>	<u>Description</u>	
34.00	62.01	SOTO STATION PIEZOMETER INSTALLATION	30,110
36.00	11.03	DESIGN OF TRACTION POWER SYSTEM CONSISTING OF SIX SUBSTATIONS IN LIEU OF THE BASELINE FOUR SUBSTATIONS	118,752
37.00	43.00	LADWP POWER SERVICE DUCTBANK CONFLICT WITH THE TEMPORARY SHORING SYSTEM FOR SOTO STATION	145,064
38.00	60.01	ADD OCS GROUNDING & BONDING AT WEST AND EAST PORTALS	26,500
39.00	46.00	RELOCATE WATERLINE ALONG 1ST STREET AT VIGNES AND MISSION INTERSECTIONS	26,467
40.00	68.00	TRACTION POWER SUBSTATION SITE PLAN	15,500
42.00	72.00	CROSSING BELLS	0
48.00	63.00	PORTAL SURVEILLANCE	3,057
49.00	66.01	TRACTION POWER SECTIONALIZATION	237,756
51.00	61.01	AT-GRADE STATIONS TC&C ROOM PLUMBING CHANGES	108,544
52.00	79.01	METRO TRACTION POWER SUBSTATION - 01 SITE PLAN	47,214
54.00	31.01	BIOCHEM DETECTOR CONDUIT INSTALLATION	32,590
56.00	101.00	TPSS SITE NUMBER 3 STORM DRAIN	13,800
57.00	58.00	DELETE SEISMIC DETECTION SYSTEM FOR AT-GRADE STATIONS	(45,370)
58.00	33.00	INDIANA STATION RELOCATION ALTERNATIVE PRELIMINARY ENGINEERING SUPPORT	18,474
59.00	88.00	INVESTIGATE DIFFERING SITE CONDITION AT LITTLE TOKYO STATION AREA	41,020
60.00	105.00	REVISION TO SAFETY INCENTIVE PROGRAM LINE ITEM (A.3.29)	60,000
61.00	106.00	ECONOMIC PRICE ADJUSTMENT NO. 1 FOR INDEXED ITEMS, REVISED PER DISPUTES REVIEW BOARD FINDING ENTITLEMENT ON CLAIM NO. 2	97,531
62.00	52.00	STREET TREE SUBSTITUTION AT WEST AND EAST PORTALS	(3,583)
62.00	52.01	STREET TREE SUBSTITUTION AT WEST AND EAST PORTALS	0
65.00	78.00	TVM SCADA INTERFACE	4,022
66.00	44.02	CREMATORIUM ACCESS ROAD AND WALL MODIFICATIONS	0
66.00	44.03	CREMATORIUM ACCESS ROAD AND WALL MODIFICATIONS	74,000

Total Executed Modifications: 2,572,772

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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>	
71.00	BAGGAGE HANDLING ROAD	25,000
80.01	TRAIN CONTROL SYSTEMS CAB SIGNALS	20,000
89.04	ADDITIONAL TRAFFIC SIGNAL PRE-EMPTION ALONG THIRD STREET	30,000
90.00	LITTLE TOKYO WALKWAY	15,000
Total Change Orders:		90,000

Total value of all Contract Modifications and Change Orders: 2,662,772

Balance available for future changes after disposition of Authorized Changes: 39,368,658

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 & MATTHEWS STREET	Less than One Million
14.00	MODIFICATIONS TO CORROSION CONTROL, SYSTEMS AND 34.5 KV DUCTBANKS	(Less than One Million)
15.00	VALUE ENGINEERING TO COMBINE TUNNEL CROSS PASSAGES & SUMP PUMP STRUCTURES	(Less than One Million)
35.01	INDIANA STATION RELOCATION ALTERNATIVE	Less than One Million
64.00	CROSS-PASSAGES/SUMP STRUCTURE GROUTING STUDY	Less than One Million
64.02	REVISED CROSS-PASSAGES/SUMP STRUCTURE GROUTING REQUIREMENTS AND EXCAVATION METHODOLOGY	More than One Million
67.00	UNIVERSAL FARE COLLECTION SYSTEM COMMUNICATION INTERFACE	Less than One Million
71.00	BAGGAGE HANDLING ROAD (BALANCE OF COSTS)	Less than One Million
75.00	PLATFORM END GATE INTRUSION DETECTION	Less than One Million
77.00	ADD EXHAUST VENTILATION PIPING & GRATING FOR EAST PORTAL EMERGENCY EXIT HATCH	Less than One Million
80.01	TRAIN CONTROL SYSTEMS CAB SIGNALS (BALANCE OF COSTS)	Less than One Million
82.00	TRAIN CONTROL SYSTEM - ATLANTIC SIGNAL	Less than One Million
89.04	ADDITIONAL TRAFFIC SIGNAL PRE-EMPTION ALONG THIRD STREET (BALANCE OF COSTS)	Less than One Million
90.00	LITTLE TOKYO WALKWAY (BALANCE OF COSTS)	Less than One Million
94.01	INDIANA STREET GRIND AND OVERLAY	Less than One Million
98.00	ADDITIONAL CATHODIC PROTECTION AT STEEL RINGS	Less than One Million
99.00	ADDITIONAL CATHODIC PROTECTION AT STEEL RINGS	Less than One Million

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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>
103.00	TRAFFIC SIGNAL SEGMENT 6 & 7	Less than One Million
107.00	MODIFY TPS NO. 1 TO ACCOMMODATE FUTURE CAR WASH FACILITY	Less than One Million
109.00	MODIFY NITRILLE GASKET DETAIL AT CROSSPASSAGES	Less than One Million
110.00	STORM DRAIN SYSTEM AT 3RD / INDIANA	Less than One Million
111.00	STREET CROSSING AT 3RD / DITMAN	Less than One Million

Total Pending Rough Order of Magnitude Cost: 2,002,844

Remaining Authorization for Modifications after Disposition of Pending Changes 37,365,814

* 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.