



AGENDA REPORT

Meeting Date: June 17, 2008

Item Number: F-10

To: Honorable Mayor & City Council

From: Ara Maloyan, Deputy City Engineer 
David Schirmer, Chief Information Officer

Subject: APPROVE ISSUANCE OF CHANGE ORDER NOS. 2 & 3 FOR \$265,147.60 TO THE CONTRACT WITH MANUEL BROS., INC. FOR ADDITIONAL FIBER OPTIC AND CONDUIT WORK FOR PHASE 2 (SOUTH RING) OF THE FIBER OPTIC MUNICIPAL AREA NETWORK RING; AUTHORIZE THE CITY MANAGER TO SIGN CHANGE ORDER NOS. 2 & 3 ON BEHALF OF THE CITY; AND

APPROVE ISSUANCE OF A CHANGE ORDER IN THE AMOUNT OF \$275,000.00 TO THE PURCHASE ORDER FOR A NOT TO EXCEED AMOUNT OF \$1,825,00.00

Attachments:

1. Copy of Change Order Number 2
2. Copy of Change Order Number 3

RECOMMENDATION

Staff recommends that the City Council move to approve Change Order Nos. 2 & 3 to City Contract No. 480-07 with Manuel Bros., Inc. in the amount of \$265,147.60; authorize the City Manager to sign Change Order Nos. 2 & 3 on behalf of the City and approve issuance of a change order in the amount of \$275,000.00 to the purchase order for a not to exceed amount of \$1,825,000.00.

INTRODUCTION

This report is a request for City Council approval of change orders to the contract with Manuel Bros., Inc. for the construction of the Phase 2 (South Ring) of the Fiber Optic Municipal Area Network Ring project.

DISCUSSION

On December 5, 2007, the City Council awarded a contract to Manuel Bros., Inc. for construction of Phase 2 (South Ring) of the Fiber Optic Municipal Area Network Ring project in the amount of \$1,350,000.00. City Council also authorized a contingency allowance in the amount of \$200,000 (for minor changes) which was included in the purchase order issued for this construction.

On May 30, 2008, staff approved Change Order No. 1 in the amount of \$48,750.00, thereby increasing the contract amount to \$1,398,750.00. Change Order No. 1 covered the installation of electric service to the fourteen (14) fiber optic cabinets.

Change Order No. 2 covers the installation of two cameras on City light poles opposite from Hawthorne School and all appurtenant work required to tie the cameras into the city's fiber optic ring. This change order amounts to \$45,357.60.

Change Order No. 3, in the amount of \$219,790.00, encompasses the additional open trenched, directional bored, and indoor conduit installed in addition to the future installation of additional fiber cable scheduled to be completed by the end of June 2008.

Per the project specifications, the City of Beverly Hills was to supply UPS (uninterruptible power supply) equipment for the contractor's installation at 15 different locations. Unfortunately, there is insufficient funding in the MAN Ring project account to supply the equipment. Therefore, staff will have Manuel Bros. Inc. purchase and install the UPS equipment. Staff estimates that the purchase of the UPS equipment may cost up to \$75,000 total.

The estimated final contract costs are summarized below.

FISCAL IMPACT

The fiscal impact is shown below:

DESCRIPTION	AMOUNT
Original contract	\$ 1,350,000.00
CO#1 - electrical service	48,750.00
CO#2 - Hawthorne School	45,357.60
CO#3 - increased quantities for various items	219,790.00
UPS equipment to be purchased	75,000.00
Contingency	86,102.40
TOTAL ESTIMATED COST	\$ 1,825,000.00
CURRENT FUNDING	\$ 1,550,000.00
ADDITIONAL FUNDS NEEDED	\$ 275,000.00

Meeting Date: June 17, 2008

DEPT	FUND	PROJECT NUMBER	SUB-PROJECT NUMBER	FUNDING SOURCE	AMOUNT
31	41	859	31-41-0859	Radio Infrastructure Improvement	\$200,000.00
35	81	785	35-81-0785	Upgrade Parking Revenue Control	\$75,000.00



Scott Miller
Finance Approval



David Gustavson
Approved By



David Schirmer
Approved By

Attachment 1

Copy of Change Order No. 2

City Contract Number 480-07
Purchase Order Number 08202058

**CITY OF BEVERLY HILLS
PUBLIC WORKS AND TRANSPORTATION DEPARTMENT
CONTRACT CHANGE ORDER NUMBER 2**

05/02/08

PROJECT: Phase 2 (South Ring) Fiber Optic Municipal Area Network Ring

CHANGE PROPOSED:

Connect Hawthorne School (624 N. Rexford Dr.) to the MAN Ring and provide two light pole mounted cameras for added security. The additional costs are as follows:

ITEM NO.	ITEMS	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Connect new conduit to existing abandoned electrical conduit entrance into street lighth (hand dig)	20.00	Crew hours	283.20	5,664.00
2	Provide new 2" PVC or HDPE conduit from new pullbox to street lights	340.00	LF	40.00	13,600.00
3	Provide new 3" PVC or HDPE conduit from existing MAN splice to new pull box & to building	90.00	LF	50.00	4,500.00
4	Install new pullbox type F1A & connect conduits to existing MAN splice point	1.00	EA	2,570.00	2,570.00
5	Landscaping & restoration	1.00	LS	2,643.20	2,643.20
6	Install 3" IMC conduit from entrance to new wall mount cabinet	30.00	LF	15.00	450.00
7	Install one type E cable from splice point to new Cube-IT location	100.00	LF	1.50	150.00
8	Provide midspan MAN fiber splice point in existing MAN 48 strand fiber cable. Use Corning SCF-6C22-02. Splice buffer tube 4 (12 fiber)	1.00	LS	1,416.00	1,416.00
9	Provide one cable type N from street light camers (2), hybrid 4 fiber 2 copper 16awg LT, to new patch panel	700.00	LF	8.26	5,782.00
10	Terminate w/ SC type connectors (4x2)	1.00	EA	944.00	944.00
11	Install city furnished camera (w/flex up the pole)	2.00	EA	1,699.20	3,398.40
12	Install CPI Cube-IT	1.00	EA	2,860.00	2,860.00
13	F&I outdoor traffic control fiber termination cabinet & panels	1.00	EA	540.00	540.00
14	F&I SC type SM connectors, fanout kits, & pigtail splice for traffic locations	12.00	EA	70.00	840.00
				TOTAL	\$45,357.60

Engineering staff has reviewed this proposal and finds it reasonable with the given provisions. The City grants an additional \$45,357.60 for these changes.

Adjustment of contract time of completion: 15 Days

Agreed CO price: \$45,357.60 (Increase)

New completion date: July 1, 2008

New contract total: \$1,444,107.60

Approved: _____
Roderick Wood, City Manager (Date)

Accepted: _____
Manuel Bros., Inc. (Date)

Reviewed: _____
David Schirmer, Chief Information Officer (Date)

Reviewed:  _____
Ara Maloyan, Deputy City Engineer 6/11/08 (Date)

Attachment 2

Copy of Change Order No. 3

City Contract Number 480-07
Purchase Order Number 08202058

**CITY OF BEVERLY HILLS
PUBLIC WORKS AND TRANSPORTATION DEPARTMENT
CONTRACT CHANGE ORDER NUMBER 3**

06/05/08

PROJECT: Phase 2 (South Ring) Fiber Optic Municipal Area Network Ring

CHANGE PROPOSED:

Listed below are quantity adjustments to bid items and alternate bid items and will be paid per the unit price for actual quantities installed. The estimated increase in quantities are as follows:

ITEM NO.	ITEMS	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	F&I 12 strand fiber	17,000.00	LF	1.50	25,500.00
2	F&I 24 strand fiber	12,500.00	LF	1.50	18,750.00
3	F&I 72 strand fiber	6,300.00	LF	2.50	15,750.00
4	Directional bore 3" PVC w/1-1/2" duct	1,138.00	EA	50.00	56,900.00
5	Open cut trench 3" PVC w/1-1/2" duct	827.00	EA	100.00	82,700.00
6	Install 2" IMC indoor conduit	240.00	EA	16.00	3,840.00
7	Install 2" EMT indoor conduit	1,090.00	EA	15.00	16,350.00
				TOTAL	\$ 219,790.00

Engineering staff has reviewed this proposal and finds it reasonable with the given provisions. The City grants an additional \$219,790.00 for these changes.

Adjustment of contract time of completion: 15 Days

Agreed CO price: \$219,790.00 (Increase)

New completion date: July 23, 2008

New contract total: \$1,663,897.60

Approved:

Roderick Wood, City Manager

(Date)

Accepted:

Manuel Bros., Inc.

(Date)

Reviewed:

David Schirmer, Chief Information Officer

(Date)

Reviewed:



Ara Maloyan, Deputy City Engineer

6/11/08
(Date)