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CONSTRUCTION

COMMITTEE RECOMMENDATION

The Committee concurred with the staff recommendation to approve Change Order No 4 to Contract No. C6430 with Kiewit Pacific Co., covering Arroyo Seco Bridge reconstruction on the Pasadena Blue Line, in the amount of \$368,640, increasing the total contract value to \$10,987,074, within the MTA Board approved AFE limit of \$11,395,410.

FORWARDED ON A 3/2 ROLL CALL VOTE. Directors Wilson and Bonzo abstained.

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July 21, 1995

Los Angeles County
Metropolitan
Transportation
Authority

MEMO TO: CONSTRUCTION COMMITTEE

THROUGH: FRANKLIN E. WHITE

FROM: STANLEY G. PHERNAMBUCO *Stanley G. Phernambuco*

SUBJECT: PASADENA BLUE LINE - CONTRACT NO. C6430
ARROYO SECO BRIDGE RECONSTRUCTION
CONTRACTOR: KIEWIT PACIFIC CO.
APPROVAL OF CHANGE ORDER NO. C6430-CO-4.00
ADJUST ESTIMATED QUANTITY FOR BID ITEM
02200.01 - GENERAL EXCAVATION

818 West Seventh Street
Suite 300
Los Angeles, CA 90017

213.972.6000

Mailing Address:

P.O. Box 194
Los Angeles, CA 90053

RECOMMENDATION

It is recommended that the MTA Board approve Change Order No. C6430-CO-4.00 to Contract No. C6430 in the amount of \$368,640 to provide adequate funds to pay for the actual volume of general excavation required to complete the intended work. This increases the Total Contract Value to \$10,987,074. which is within the MTA approved AFE limit of \$11,395,410.

M/WBE PARTICIPATION

The MBE goal is 25% and WBE goal is 5%. The Contractor has committed to meeting both of these goals.

ALTERNATIVES CONSIDERED

The MTA Board has the option to disapprove Change Order No. C6430-CO-4.00. Denial of this Change Order may result in a claim from the contractor for failure to provide payment under a unit price bid item for the actual volume of excavation completed and identified by the contract documents as qualifying for payment.

IMPACT ON BUDGET AND OBJECTIVES

The funds for this change are available within the MTA approved Project Budget.

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Contract No. C6430, Approval of Change Order
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BACKGROUND

The invitation for Bid No. C6430 low-bid construction contract was awarded by the MTA Board on September 21, 1994 to Kiewit Pacific Co. for the bid contract amount of \$10,359,464.

The scope of work for the C6430 contract entails the removal of the existing bridge structure and demolition of foundation structures for construction of new bridge foundations to support the retrofitted towers and new plate girders for the bridge superstructure. Additionally, preparation of the adjoining at-grade line segments requires excavation for removal of unsuitable track bed materials and for the construction of retaining walls and slough walls to widen the grade for two light rail tracks.

At the start of the excavation operation, the Construction Manager conducted a detailed take-off of the quantity of excavation defined by the measurement and payment provisions of the contract for this work and determined that the estimated bid quantity was underestimated by some 6,144 cubic yards. The Engineer's Estimated Bid Quantity for this item was 8,079 cy while the projected actual volume would eventually reach 14,223 cy. As a result, the estimated bid quantity for general excavation must be adjusted to reflect the projected final quantity of 14,223 cy.

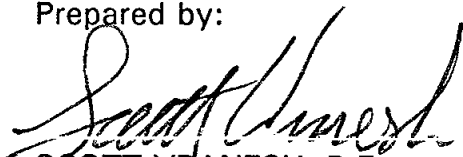
This quantity increase is more than 25% of the original bid quantity and, therefore, qualifies for potential adjustment under GC-39, Increased or Decreased Quantities. This Change Order incorporates Change Notice No.'s 11.00, 12.00, & 17.00, which are all related to quantity adjustments for Bid Item 02200.01, General Excavation. Change Notice No. 11.00 was a no cost adjustment to the Schedule of Values, Change Notice No. 12.00 increased the original bid quantity by 25%, and Change Notice No. 17.00 increased the quantity from 125% of the original bid quantity to its projected final volume of 14,223 cy.

Change Notice No. 17.00 was drafted with a Not-to-Exceed value and will be negotiated subsequent to approval of Change Order No. 4.00 to determine if any reduction in the as-bid unit price is warranted due to the increase in quantity above 25% of the original bid quantity. Consequently, Change Order No. 4.00 has been drafted based on the as-bid unit price for this item and represents the maximum potential value of the change should it be determined that no adjustment in the unit price is warranted.

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There is a potential cost recovery through the EMC based on its calculation oversight and inappropriate classification of work to other portions of the Technical Specifications while developing its Engineer's Estimate and bid quantities. The MTA is reviewing this and if it is determined that the MTA incurred additional costs as a result of the discrepancy between the original bid quantity and the final quantity, cost recovery will be obtained from the EMC.

Prepared by:



SCOTT VRANESH, P.E.

Manager of Contracts
Pasadena Blue Line



DAVID J. SIEVERS, P.E.

Deputy Executive Officer/Project Manager
Pasadena Blue Line

ATTACHMENT A
CONTRACT VALUE STATUS
R05 Pasadena Blue Line
CHANGE ORDER : C6430-CO-4.00

CONTRACTOR: KIEWIT PACIFIC COMPANY - ARROYO SECO BRIDGE RECONSTRUCTION
CHANGE TITLE: ADJUST ESTIMATED QUANTITY FOR BID ITEM 02200.01, GENERAL EXCAVATION

CONTRACT VALUE STATUS

1.	CONTRACT AWARD AMOUNT:	\$10,359,464.00
2.	PREVIOUSLY EXECUTED CHANGES:	\$156,255.64
3.	CURRENT CONTRACT VALUE: (1 + 2)	\$10,515,719.64
4.	AUTHORIZED WACN'S (NTE):	\$102,714.50
5.	OBLIGATED CONTRACT VALUE: (3 + 4)	\$10,618,434.14
6.	VALUE OF THIS CHANGE:	\$368,640.00
7.	ESTIMATED CONTRACT VALUE: (5 + 6)	\$10,987,074.14

AUTHORIZED FOR EXPENDITURE STATUS

INCREASE IN AFE REQUIRED/REQUESTED:

8.	MTA APPROVED AFE:	\$11,395,410.00	Award + 10.00%
9.	ESTIMATED CONTRACT VALUE: (Line 7)	\$10,987,074.14	
10.	REMAINING AFE (Actual 8-9)	\$408,335.86	\$0.00 For current actual costs
11.	OTHER PENDING CHANGES (merited)	\$110,162.79	
12.	REMAINING AFE (w/CHANGES 10-11)	\$298,173.07	\$0.00 For pending changes
13.	! TRENDS AND CONTINGENCIES (pending merit finding)	\$838,563.07	
14.	REMAINING AFE: (w/TRENDS 12-13)	(\$540,390.00)	\$540,390.00 For possible changes

CONTRACT BUDGET STATUS

15.	CURRENT CONTRACT BUDGET:	\$10,951,600.00	
16.	FORECAST CONTRACT VALUE: (9 + 11 + 13)	\$11,935,800.00	For all potential changes. To be funded from unallocated Project
17.	REMAINING CONTRACT BUDGET: (15-16)	(\$984,200.00)	contingency if necessary.

CONTRACT INCREASE PERCENTAGES

18.	% OF ORIGINAL AWARD VALUE (THIS CHANGE)	3.558%
19.	% OF ORIGINAL AWARD VALUE (MERITED CHANGES)	3.563%
20.	% OF ORIGINAL AWARD VALUE (ALL CHANGES)	15.216%
21.	% CONTRACT COMPLETE:	26%

REVIEWED BY MTA PROGRAM CONTROL: SAMANTHA PIERCE, Project Controls Mgr.

Phil Raycraft for SEA

DATE: 7/21/95

LIST OF AFFECTED SUBCONTRACTORS
CONTRACT NO. C6430, ARROYO SECO BRIDGE RECONSTRUCTION
CHANGE ORDER C6430-CO-4.00
CONTRACTOR: KIEWIT PACIFIC CO.

AFFECTED SUBCONTRACTOR NAME	ADDRESS	CONTACT PERSON TELEPHONE NO.	DBE'S ETHNICITY	DESCRIPTION OF WORK TO BE DONE DISCIPLINE
None				