

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

621 A



FROM: TLMA - Transportation Department

SUBMITTAL DATE:
October 7, 2009

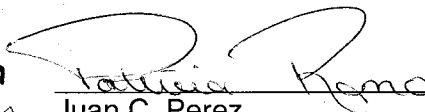
SUBJECT: Contract Change Order No. 3 between the County of Riverside and Sukut-Myers Joint Venture for the replacement of the River Road Bridge over the Santa Ana River, Norco area.

RECOMMENDED MOTION:

1. That the Board ratify and execute Contract Change Order No. 3, and;
2. Authorize the Transportation Department to issue Contract Change Order No. 3 with Sukut-Myers Joint Venture.

BACKGROUND: On December 23, 2008 (agenda item 3.34), the Board entered into an agreement with Sukut-Myers Joint Venture for the Construction of the Bridge replacement project and road improvements on River Road crossing the Santa Ana River in the Norco area.

Patricia Romo
Deputy Director of Transportation

for 
Juan C. Perez
Director of Transportation

(Continued On Attached Page)

FINANCIAL DATA	Current F.Y. Total Cost:	\$375,905	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2009/2010
SOURCE OF FUNDS: HBRR [Federal] (79.97%), Proposition (.04%), SSR [State](0.05%), Meas A/ Western (2.97%), Mira Loma RBBB/TUMF (6.63%) DIF AP5 Major Improvement Fund – Eastvale area (3.94%), City of Norco (0.88%), WRCRWA (3.01%) Western MWD (2.50%)			Positions To Be Deleted Per A-30	<input type="checkbox"/>
			Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

BY: 
Tina Grande

County Executive Office Signature

FORM APPROVED COUNTY COUNSEL
BY:  MARSHAL VICTOR
DATE: 10/14/09

Departmental Concurrence

Policy
 Policy
 Consent
 Consent
 Dept't Recomm.:
 Per Exec. Ofc.:

Prev. Agn. Ref. 12/23/08, Item 3.34 | District: 2 | Agenda Number:

ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD

3.46

The Honorable Board of Supervisors

RE: Contract Change Order No. 3 between the County of Riverside and Sukut-Myers Joint Venture for the replacement of the River Road Bridge over the Santa Ana River, Norco area.

October 7, 2009

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This Contract Change Order provides for compensating the contractor to install soil stabilization on the areas of the road approaches on the north and south sides of the new bridge. When the areas were cleared in preparation for construction of the embankments, they were found to be unsuitable for the placement of the fill due to its swampy nature and was not capable of supporting the over 20 feet of fill needed to raise the area to meet the new bridge height above the Santa Ana River. This condition was not revealed during preliminary geotechnical investigations since it was not accessible to the proper testing equipment, due to it being within an environmentally sensitive area, which would have required additional permitting and possible mitigation costs in order to access it prior to construction disturbance. Testing was done adjacent to the sensitive area, which was reasonably expected to yield similar geotechnical results, which was not the case due to greatly varying soil conditions in the river bed.

Once the situation became apparent, a system of crushed rock layers and filter fabric was devised and used to stabilize the ground and allow the construction to proceed, preventing costly project delays on this \$35 million construction contract. It is important to note that this work, and an additional cost, would have had to be borne anyway if the specific soil condition had been identified prior to construction, although it would have been part of the bid cost and not a change order.

This Change Order represents 1.06% of the total contract amount of \$35,362,633.10. Total cumulative change orders to date represent less than 1.5% of the total contract amount.

Project Work Order No. A7-0298.

LETTER OF TRANSMITTAL

**Local Agency: County of Riverside
Transportation Department**

DATE: June 12, 2009

**File: River Road Bridge Replacement
Project**

W.O. No.: A7-0298

C.C.O. No. 3

TO: Juan Perez

From: Hugh Smith

\$375,904.76 (1.06% of the original contract amount of \$35,362,683.10)

This Contract Change Order provides for compensating the contractor for performing soil remedial work at various locations within new roadway embankment footprint to solidify existing unsuitable wet soil conditions. Field work will be performed per RFI # 18 recommendations and field directions of the Geotechnical Design Engineer and making necessary changes to accommodate changing soil conditions. Remedial work shall include leveling existing ground, placing Geogrid and Geofabric material as approved by the Geotechnical Design Engineer, place 2'-3' of ¾" crushed rock as needed, and cover with Geofabric material. Place 1' fill material and roll with light equipment to avoid disturbing existing soft soil conditions. Work will be monitored continuously and making necessary adjustments by the Geotechnical Design Engineer and Resident Engineer.

This Change Order became necessary in order to stabilize existing soil and enhance its capacity to accept compacted fill material without subsiding and distorting. Contractor will be compensated for this Extra Work at an Agreed Lump Sum in accordance with the Contract's General Provisions.

The estimated amount of this Contract Change Order is \$375,904.76 and the accumulation of all Contract Change Orders thus far, including this one, is \$510,904.76.

Previous Contract Change Order Amounts Approved:

See C.C.O. History
(Attached)

\$135,000.00

File: River Road Bridge Replacement Project

W.O. No.: A7-0298

C.C.O. No. 3

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This Contract Change Order was discussed with Mr. *Tayfun Saglam* and he gave his concurrence to this change.

Adjustment of Time: To be Determined at a later time.

ESTIMATE OF COST

Items

Force Account

Agreed Price

\$375,904.76

Adjustment

TOTAL

+\$375,904.76



Hugh Smith

Engineering Division Manager



Wael Faqih

Resident Engineer

C. C. O. Category

Agency Mandated	
Anticipated Force Account	
Change in Field Conditions	X
Design Omission	
ROW Obligations	
Upgrades / Benefits	
Utilities	



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

SHEET 1 OF 1 SHEETS

Contract Change Order No. 3

CONTRACT River Road Bridge Replacement Project WORK ORDER NO. A7 - 0298

TO Sukut-CC Myers JV CONTRACTOR: YOU ARE HEREBY DIRECTED TO MAKE THE HEREIN DESCRIBED CHANGES FROM THE PLANS AND SPECIFICATIONS OR DO THE FOLLOWING DESCRIBED WORK NOT INCLUDED IN THE PLANS AND SPECIFICATIONS ON THIS CONTRACT.

Description of work to be done, estimate of quantities and prices to be paid. Segregated between additional work at contract price, agreed price and force account. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time.

This Change Order Provides for:

Fund to perform all soil remedial work at various locations within new roadway embankment footprint. Remedial work shall be performed in accordance with the Geotechnical Design Engineer's recommendations as detailed in RFI #18 and following revisions to accommodate changing soil conditions. Remedial work shall include leveling existing ground, over excavating unsuitable soil up to 3' as applicable and as directed by the Geotechnical Design Engineer, place Geogrid and Geofabric materials as directed by the Geotech. Engineer, place ~2'-3' of 3/4" crushed rock and cover with Geofabric material to separate the rocks from fill material. Limits of areas to be remedied and thickness of crushed rock shall be determined by Geotech. Engineer and Resident Engineer. Placement of ~1' fill material and roll with light equipment in order to avoid disturbing existing soft soil conditions.

Areas to be remedied shall be specified and surveyed by the County survey crew. work shall be monitored continuously and making necessary adjustments as needed by the Geotech. and Resident Engineers.

The work associated with this change eliminated the need to perform a portion of the work included in contract bid items #2 (Roadway Excavation) and #3 (Import Borrow). This change order includes the credit for the elimination of this work. No further changes will be made to the final pay quantity for contract bid items #2 and #3 due to this change order."

This Work will be performed at an Agreed Lump Sum Amount of \$375,904.76. Schedule impact shall be determined at a later time.

Estimated Cost: Decrease \$ Increase \$ 375,904.76

WE, the undersigned contractor, have given careful consideration to the change proposed and hereby agree that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.

By reason of this proposed change 0 days adjustment of time will be allowed. To be determined at a later time

Accepted Sukut-CC Myers JV 6/10/09 Date

Approval Recommended 7/31/09 Date

Approved Juan Perez, Director of Transportation 10/13/09 Date

NOTE: This change order is not effective until approved by County. If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest with the time therein specified.

Approved Chairman, Riverside County Board of Supervisors Date

RD FORM 77 (Rev. 5/04) FORM APPROVED COUNTY COUNSEL

BY: MARSHA L. VICTOR 10/14/09 DATE

River Road Bridge
Contract CCO History

Contract No. 08-12-004
 Work Order No. A7-0298
 Contract Amount \$35,362,683.10

Single Maximum CCO \$100,000.00
 Maximum CCO's \$3,536,268.31
 Tip Budget \$38,898,951.41

Tip Comments:
No Change

CCO No.	Amount This CCO	Authority	Cumulative CCO's	% Original Authorized	Cumulative CCO %	Classification
1	\$50,000.00	Trans. Director	\$50,000.00	0.14%	0.14%	Extra/Unavoidable
2	\$40,000.00	Trans. Director	\$90,000.00	0.11%	0.25%	Extra/Unavoidable
1S1	\$45,000.00	Trans. Director	\$135,000.00	0.13%	0.38%	Extra/Unavoidable
3	\$375,904.76	Board Approval	\$510,904.76	1.06%	1.44%	Extra/Unavoidable

\$510,904.76

1.44%

New Authorized Contract Total	\$35,873,587.86
Total CCO Dollars To Date	\$510,904.76
Total % Increased by CCO's	1.44%