

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

136



FROM: TLMA - Transportation Department

SUBMITTAL DATE:
 March 11, 2010

SUBJECT: Contract Change Order No. 5 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: That the Board of Supervisors execute and authorize the Transportation Department to issue Contract Change Order No. 5 with Sukut-Myers Joint Venture.

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

This Contract Change Order provides for compensating the contractor to construct a temporary bypass for the 30 inch Sewer Force Main which interfered with a proposed box culvert at station

Juan C. Perez
 Director of Transportation

(Continued On Attached Page)

FINANCIAL DATA	Current F.Y. Total Cost:	\$428,646	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: WRCRWA (100%) (Western Riverside County Regional Wastewater Authority)				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

Dep't Recomm.: ☐ Consent ☒ Policy
 Per Exec. Ofc.: ☐ Consent ☒ Policy

Prev. Agn. Ref. 12/23/08, Item 3.34 District: 2 Agenda Number:
 10/27/09, Item 3.46

ATTACHMENTS FILED
 WITH THE CLERK OF THE BOARD

3.75

The Honorable Board of Supervisors

RE: Contract Change Order No. 5 between the County of Riverside and Sukut-Myers Joint Venture, for the replacement project of the River Road Bridge over the Santa Ana River, Norco area.

March 11, 2010

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~185+20 in Stage-1 construction. Western Riverside County Regional Wastewater Authority (WRCRWA) owns and operates this facility. The sewer force main was located in a different location than shown on the District's as-built plans.

WRCRWA has agreed to reimburse the County of Riverside for the temporary bypass. This was approved by the WRCRWA Board.

JUSTIFICATION: This Change Order became necessary to install a temporary bypass for the 30 inch Sewer Force Main and allow the River Road construction to proceed and prevent costly claims and project delays.

Project Work Order No. A7-0298.

LETTER OF TRANSMITTAL

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

DATE: April 1, 2010

File: River Road Bridge Replacement

W.O. No.: A7-0298

C.C.O.: 5

TO: Juan C. Perez

From: Hugh Smith

\$600,000.00 (1.7% of the original contract amount of \$35,362,683.10)

This Contract Change Order provides compensation to the contractor for constructing a temporary bypass for the 30" Sewer Force Main. The existing sewer force main is interfering with the removal of the existing and construction of proposed box culvert in stage one of construction. All temporary bypass work shall be performed per detailed bypass plans provided by Western Riverside County Regional Wastewater Authority's (WRCRWA) engineer, Willdan Engineering. Work shall include trench excavation, shoring across River Road, hot tap connection into the existing pipe, full night closures of River Road, setting of emergency detours, and other associated work. Pipes and elbows will be furnished by WRCRWA. Furthermore, inspection and testing for acceptance shall be performed by WRCRWA's representatives. Traffic closures, trenching, backfilling, paving, safety, and general inspections shall be performed by County inspection staff.

This Change Order became necessary due to the existing sewer line was found to be in a location substantially different than on the record As-Built plans provided by and certified by WRCRWA and was in conflict with the new box culvert construction. In order to avoid significant delays associated with completing Stage-1 construction, removal of existing box culvert and reconstruction of new box culvert at higher elevation. Temporary relocation or bypass of the existing force main sewer was necessary and will be compensated as Extra Work at Force Account in accordance with the Contract's General Provisions. The funds for this change are being assessed to WRCRWA through an amendment to their cooperative agreement with the County. Written authorization for this change from WRCRWA is on file in the project records.

The estimated amount of this Contract Change Order is \$428,646.00 and the accumulation of all Contract Change Orders thus far, including this one is \$998,042.39.

Previous Contract Change Order Amounts Approved:

See C.C.O. History
(attached)

File: River Road Bridge Replacement

W.O. No.:

C.C.O. No. 5

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

This Change Order is to be billed to Western Riverside County Regional Wastewater Authority under the cooperative agreement – Attn: Brenda Myer

Adjustment of Time: No working days

ESTIMATE OF COST

Items

Force Account \$428,646.00

Agreed Price

Adjustment

TOTAL \$428,646.00



**Hugh Smith
Construction Engineer**

C. C. O. Category

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



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

SHEET 1 OF 1 SHEETS

Contract Change Order No. 5

CONTRACT: River Road Bridge WORK ORDER NO. A7-0298

TO: Sukut-CC Meyers 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.

Estimate of Extra Work at Force Account

This change order provides compensation for labor and materials to perform the construction of a temporary bypass for the 30" Sewer Force Main interfering with the removal of the existing box culvert and construction of the proposed box culvert located at Station ~185+20 with Stage-1 Construction. All work shall be performed per attached bypass plans provided by Western Riverside County Regional Wastewater Authority's engineer, Willdan Engineering on May 22, 2009. Work shall include but not be limited to trench excavation, hot tap connection into the existing pipe, installation of new pipes running along the east side of River Road, trenching and shoring across River Road, 4-night road closures and setting detours utilizing the approved emergency closure detour plan, coordinating CHP-COZEPP services, and other associated work including removal of temporary shoring, removal of IFT valves at both tie-ins, dispose of portions of abandoned pipe and seal remaining section, additional shoring at the north tie-in, and other associated work.

All pipes and elbows will be provided by Western Riverside County Regional Wastewater Authority (WRCRWA). Furthermore, inspection and testing for acceptance of the bypass shall be performed by WRCRWA. Riverside County Inspection staff will coordinate this extra work and monitor work for compliance with the Contract Documents, the Project Specifications and traffic safety during full / partial closures.

This work will be performed on a force account basis in accordance with attached bypass plans provided by Willdan dated 5/22/2009 and applicable sections of the Special Provision and Standard Specifications.

Estimated Cost: Decrease \$ _____ Increase \$ 428,646.00

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.

Accepted Contractor Refused to Sign at this Time
Sukut-CC Meyers JV 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.

[Signature] 4.1.10
Approval Recommended Date

[Signature] 4/27/10
Approved Date
Juan C. Perez, Director of Transportation

Approved _____ Date _____
Chairman, Riverside County Board of Supervisors

FORM APPROVED COUNTY COUNSEL

BY: [Signature] 4/7/10
MARSHAL VICTOR DATE

Western Riverside County Regional Wastewater Authority

Member Agencies

City of Norco
Home Gardens Sanitary District
Western Municipal Water District
Jurupa Community Services District
Santa Ana Watershed Project Authority

Administration

450 Alessandro Boulevard
Riverside, CA 92508
(951) 789-5000
Fax (951) 780-3837

Treatment Plant

14634 River Road
Corona, CA 92880
(951) 739-6225
Fax (951) 371-2517

December 16, 2009

Juan C. Perez, Director
County of Riverside, Transportation Dept.
P.O. Box 1090
Riverside, California 92502

APPROVAL OF EXPENDITURES FOR BYPASS PIPELINE, RIVER ROAD BRIDGE PROJECT

During construction activities for the River Road Bridge Project, the contractor encountered the 30" sewer force main in an area reportedly void of interfering utilities. Based on original design drawings and construction drawings, it appeared that the force main had been constructed on the east side of River Road and should have been clear of Phase 1 work activities on the west side of the road. This condition required a temporary bypass to be constructed to allow Phase 1 activities to continue. Willdan Engineering provided plans for the temporary by-pass on May 22, 2009.

Based on a contractor estimate of costs of the temporary by-pass, the Western Riverside County Regional Wastewater Authority (Authority) Board of Directors approved expenditures of \$358,646 on June 2, 2009 for construction of the temporary bypass. It is the Authority's understanding that the contractor has expended these funds and additional funds have been requested for completed activities. On August 12, 2009, the Authority approved additional expenditures of \$70,000 for the temporary bypass construction bringing the total authorization to \$450,000. This total includes \$21,354 used by the Authority for purchase of piping for the temporary bypass. The additional authorized funds includes \$45,000 for construction of the temporary bypass and \$25,000 for the cost of extra work associated with the northern connection, created by the construction of the bypass. The Authority requests that the County of Riverside amend the change order for construction of the temporary force main bypass to include these additional funds. After review and concurrence with the change order, WRCRWA will provide written approval in accordance with the agreement between WRCRWA and the County.

Additionally, the Authority requests a Fixed Fee proposal for the remaining work related to the temporary by-pass including any additional piping and connection requirements at the northern connection point for work not included in the original bid.

Juan Perez
December 17, 2009
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Should you have any questions concerning this letter, please contact me at (951) 789-5021, or
jsims@wmwd.com



JEFFREY D. SIMS., P.E.
Administrator

JJB:BM:bj

cc: Hugh Smith, County of Riverside
Stan Dery, County of Riverside
Wael Faqih, Falcon Engineering
WMWD Office File

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
4	\$58,491.63	Trans. Director	\$569,396.39	0.17%	1.61%	Extra/Unavoidable
5	\$600,000.00	Board Approval	\$1,169,396.39	1.70%	3.31%	Extra/Unavoidable
			<u>\$1,169,396.39</u>	<u>3.31%</u>		

New Authorized Contract Total
Total CCO Dollars To Date
Total % Increased by CCO's

\$36,532,079.49
\$1,169,396.39
3.31%