

# MODIFICATION OF CONTRACT



1. Modification No.: 001

2. Effective Date: December 8, 2011

3. Modification Name: UYLIP change orders as outlined below

4. Project: TRLIA Phase 4, Yuba River South Levee, Upper Yuba Levee Improvement Project (PLM 2.2 to 6.1/STA 102+00 to 303+59) **RECEIVED**

**FEB 03 2012**

5. Contract No.: PH4-2010-01

6. Contractor: **Magnus Pacific**

Attn: Sean Rhoads  
3001 Lava Ridge Court, Suite 240  
Roseville, CA 95661

7. Administered By: **HDR, Inc**

Attn: Blake Johnson  
2365 Iron Point Road  
Folsom, CA 95630-8709

**TRLIA**

**8. Pursuant to:**

Field instruction pursuant to Section 9 of the General Specifications to order corrections, alternations, additions, modifications, deletions, or other changes as required.

*Field Instruction No. 1, 4, 6*

*Correspondence No. F-016, 038, 042, 043, 044, 045, 046*

**9. Description of Modification:**

Magnus Pacific was directed to perform additional work in association with the above noted Project. These items of work are not a part of the current contract and were coordinated with TRLIA, Doug Handen, and HDR. The descriptions and costs associated with these items of work are as follows:

Work Description

Costs

**ITEM 1.1 - Remove standpipe and associated underground piping near STA 256+70 (FI No. 1)**

Description	Quantity	Unit	Unit Cost	Total
Standpipe and debris removal	1	T&M	\$5,850.06	\$5,850.06
			<b>Subtotal</b>	<b>\$5,850.06</b>

**Summary and Reason for Modification:** An existing standpipe, associated underground piping, and debris pile located near station 256+70 were identified for removal. Removal was directed by TRLIA.

**ITEM 1.2 - Modify grading at levee toe, addition of ramps, deletion of irrigation main crossings, addition of pavement striping, addition of trenching for PG&E Gas main (FI No. 4)**

Description	Quantity	Unit	Unit Cost	Total
Fill-Levee Embankment (From Borrow Site)	600	CY	\$13.65	\$8,190
Aggregate Base	362	Ton	\$17	\$6,154
12-Inch Irrigation Crossing Deletion	177	LF	\$88	(\$15,576)
18-Inch Irrigation Crossing Deletion	170	LF	\$93	(\$15,810)
Replace Pavement Striping	1	LS	\$3,465	\$3,465
Trench and Backfill 2" Gas Main	1	LS	\$7,665	\$7,665
			Subtotal	(\$5,912)
			10% Credit	(\$591.20)
			<b>Subtotal w/ 10% Credit</b>	<b>(\$6,503.2)</b>

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**Summary and Reason for Modification:** Grading revisions were necessary along the waterside of the levee at approximate station 194+00 to accommodate temporary power pole alignment. Additional ramps were added based on coordination with RD784. Irrigation main crossing were modified pursuant to design change No. 2 then deleted pursuant to design change No. 3. PG&E gas main trenching and backfill was added tot his contract at the request of PG&E and as coordinated with TRLIA.

**ITEM 1.3 - Addition of two strands of barb wire (FI No. 6)**

Description	Quantity	Unit	Unit Cost	Total
Additional two strands of wire	1	T&M	\$2,932.71	\$2,932.71
			<b>Subtotal</b>	<b>\$2,932.71</b>

**Summary and Reason for Modification:** Two additional strands of barb wire were added to a preinstalled three wire fence to accommodate the adjacent landowner. The adjacent land owner was not satisfied with the three strands that were installed and stated that the pre-project fencing was five-strand. TRLIA agreed to add two strands to match original fencing. This change was coordinated with Doug Handen. This work is to be paid under a proposed and agreed upon price by TRLIA, Doug Handen, and HDR.

**ITEM 1.4 – Removal of prior emergency repair material, STA 297+00 to STA 303+00 (F-016 & F-038)**

Description	Quantity	Unit	Unit Cost	Total
Potholing and Removal	1	T&M	\$44,796	\$44,796
Levee Embankment Fill	2000	CY	\$1.75	\$3,500
Haul & Waste (Unsuitable Material)	1,800	CY	\$9.00	\$16,200
			<b>Subtotal</b>	<b>\$64,496</b>

**Summary and Reason for Modification:** During excavation for fill along the waterside of the levee from station 297+00 to station 303+00 cobbles and Visqueen were discovered within the levee embankment. The contractor was instructed to pothole to determine the extents of the cobbles and Visqueen. During potholing, the contractor uncovered manure along the levee toe and with the O&M corridor. Approximately 2,000 CY of cobbles were uncovered and approximately 1,800 CY of manure. The contractor was instructed to remove and dispose of the cobbles, Visqueen, and manure and back the levee embankment with Type 1 material. The cobbles were wasted within the O&M corridor. This change was coordinated with TRLIA, Doug Handen, and HDR.

**ITEM 1.5 - Debris along the landside near STA 303+59 (F-042)**

Description	Quantity	Unit	Unit Cost	Total
Debris potholing, transfer to borrow site staging area & sorting of debris	1	T&M	\$20,597.89	\$20,597.89
			<b>Subtotal</b>	<b>\$20,597.89</b>

**Summary and Reason for Modification:** During excavation for the seepage berm foundation along the landside of the levee a debris pile was discovered near STA 303+59. The contractor was instructed to pothole the area to determine the extent of the debris. Approximately 900 CY of debris material were uncovered, sorted, and hauled to borrow site area for temporary storage. This change was coordinated with TRLIA, Doug Handen, and HDR.

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## ITEM 1.6 - Erosion control blanket near vernal pool (F-043)

Description	Quantity	Unit	Unit Cost	Total
Erosion control blanket	1	LS	\$6,309.70	\$6,309.70
			<b>Subtotal</b>	<b>\$6,309.70</b>

**Summary and Reason for Modification:** An erosion control blanket was installed along the landside of the levee adjacent the vernal east of Dantoni Road. This change was coordinated with TRLIA, Doug Handen, and HDR.

## ITEM 1.7 - Removal of PVC irrigation main in levee footprint near STA 271+50 (F-044)

Description	Quantity	Unit	Unit Cost	Total
PVC pipe removal	1	Force Account	\$1,415.01	\$1,415.01
			<b>Subtotal</b>	<b>\$1,415.01</b>

**Summary and Reason for Modification:** During cutoff wall excavation an abandoned PVC pipe was uncovered within the levee footprint. The contractor was instructed to remove and dispose of the main. This change was coordinated with TRLIA, Doug Handen, and HDR.

## ITEM 1.8 - Silt fence relocation at the borrow site (F-045)

Description	Quantity	Unit	Unit Cost	Total
Silt fence relocation	1	Force Account	\$5,382.50	\$5,382.50
			<b>Subtotal</b>	<b>\$5,382.50</b>

**Summary and Reason for Modification:** During installation of silt fencing along the borrow site, the adjacent landowner indicated that location of the fence would interfere with his farming operation. The fence was installed properly. To accommodate the landowner, the contractor was instructed to remove installed fence to within the borrow site. Approximately 3,500 LF fence was relocated. This change was coordinated with TRLIA, Doug Handen, and HDR.

## ITEM 1.9 - Tree removal along the landside of the levee (F-046)


Description	Quantity	Unit	Unit Cost	Total
Tree Removal	1	Force Account	\$2,580.60	\$2,580.60
			<b>Subtotal</b>	<b>\$2,580.60</b>

**Summary and Reason for Modification:** During the initial site walk additional tree were identified at the levee landside near station 123+00. The contractor was instructed to remove the trees as they were located along the levee toe. The trees were to be removed by the owner and were not identified for removal in the contract documents. This change was coordinated with TRLIA, Doug Handen, and HDR.

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## 10. Concurrence:

The adjustment set forth hereinabove shall be final and complete adjustment for costs and/or time required as a result of the "CHANGES IN SERVICES" defined in Item 9.

 12/8/11  
OWNER'S REPRESENTATIVE DATE

NAME & TITLE OF SIGNER  
MR. BLAKE JOHNSON  
HDR, INC


**HDR**

 12/15/11  
CONTRACTOR'S REPRESENTATIVE DATE

NAME & TITLE OF SIGNER  
MR. SEAN RHOADS  
MAGNUS PACIFIC

## 11. Authorization:

Three Rivers Levee Improvement Authority (TRLIA) hereby grants Authorization to Proceed with this "Contract Modification". The Contract is hereby modified and the Agreement adjusted IAW Item 8.

 2/2/12  
Mr. Doug Handen Date  
TRLIA Construction Manager

 2-3-2012  
Mr. Paul Brunner Date  
TRLIA Executive Director

-----NOTHING FOLLOWS-----