



# THREE RIVERS LEVEE IMPROVEMENT AUTHORITY AGENDA

**SEPTEMBER 20, 2005 (Tuesday) – SPECIAL MEETING**

**Yuba County Government Center  
Board of Supervisors' Chambers  
915 Eighth Street, Suite 109A  
Marysville, California**

**Unless otherwise indicated.**

**No other business shall be conducted at this meeting. The public shall have an opportunity to address the Board only with respect to items set forth in this agenda. Each individual or group will be limited to no more than five minutes. Prior to this time, speakers must fill out a "Request to Speak" card and submit it to the Secretary.**

- 2:30 P.M.    I    **CALL TO ORDER**
- II    **ROLL CALL** – Directors Rick Brown, Mary Jane Griego, Dan Logue, Richard Webb
- III    **ACTION ITEMS**
- A.    Authorize Executive Director to release escrow funds as appropriate.
- B.    Receive status report on Levee Improvement Projects and take action as appropriate. (No background material)
- C.    Approve amendment to Agreement with HDR Inc. for modification to scope of services in the amount of \$527,535 related to Phase 2 Design and construction management services and authorize Chairman to execute same.
- V    **ADJOURN**



# THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

Government Center  
915 Eighth Street, Suite 115  
Marysville, CA 95901-5273

Telephone: (530) 749-7575 Fax: (530) 749-7312

SEP 15 2005

September 20, 2005

TO: Three Rivers Levee Improvement Authority (TRLIA) Board  
FROM: Charles K. McClain, Executive Director *Charles K. McClain*  
SUBJECT: Authorization to Spend Escrow Account Funds for Environmental Habitat

## **Recommended Action**

Authorize the Executive Director and the Deputy Executive Director to expend escrow funds set aside for environmental habitat mitigation pursuant with TRLIA's agreement with federal and state agencies.

## **Reason for Recommended Action**

This action will enable TRLIA to meet financial commitments for environmental habitat mitigation required by federal and state agencies in a timely manner.

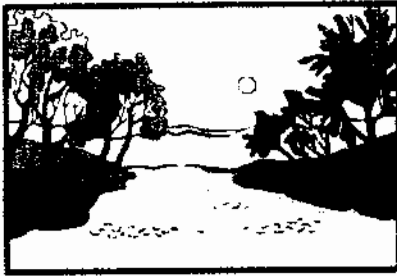
## **Discussion**

TRLIA has previously entered into financial assurance commitments with federal and state agencies, which include the U.S. Army Corps of Engineers, the U.S. Fish & Wildlife Services, and the California Department of Fish & Game to ensure that environmental habitat is mitigated and/or restored pursuant to the certified environmental impact reports for project phases 2 and 3. Approximately \$12 million has been provided for in escrow accounts to pay for the projected environmental mitigation requirements.

The proposed recommended action will allow either the Executive Director or the Deputy Executive Director to release funds from the escrow accounts in order to pay for environmental mitigation costs.

## **Fiscal Impact**

Initial funding for the escrow accounts comes from developer fees. The eventual cost will be paid primarily through the California Department of Fish & Game's Proposition 13 funds in full, or through a 70/30 ratio depending upon whether the environmental habitat created is new, or mitigates for the project construction work.



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SEP 16 2005

September 20, 2005

TO: Three Rivers Levee Improvement Authority Board  
FROM: Ani Bhattacharyya, Project Manager *AB*  
SUBJECT: Request for Modifications to Scope of Services and Third Amendatory Agreement dated March 15, 2005, submitted by HDR, Inc., for Phase 2 Design and Construction, to accommodate changes in preciously approved scope of design services and to include construction management services

## Recommended Action

Approve Request for Modifications to Scope of Services and Third Amendatory Agreement dated March 15, 2005, submitted by HDR, Inc., for Phase 2 Design and Construction, to accommodate changes in preciously approved scope of design services and to include construction management services

## Reason for Recommended Action/Discussion

The contract amendment has been necessitated due to recent additions to HDR's preciously approved scope of services for the project, as illustrated below:

- WPIC Levee Extension at Olivehurst Detention Basin – Providing input for structural design associated with Yuba County's Olivehurst Detention Basin project
- TRLIA has opted to incorporate the Olivehurst Detention Basin project into the Phase 2 contract. Additional effort was necessary to include this additional project element into the bid package as an addendum.
- Geotechnical Engineering Services for Olivehurst Detention Basin
- Utility and Permitting Fees for UPRR, Pacific Gas & Electric, and Kinder Morgan
- Biological Resource Construction Monitoring (2005 Construction Season)
- Phase I Environmental Site Assessment & Limited Phase II Sampling for Olivehurst Detention Basin
- Addition of Construction Management services for the 2005 construction season. This task was preciously a contract option. Estimated costs for Construction

Management services for the 2006 construction season will be submitted in a subsequent amendment.

- Additional Project Management and Construction Services related to additional design and coordination activities.

### **Fiscal Impact**

This amendment will increase price ceiling for Phase 2 Design Services by \$527,535, raising the Phase 2 design amount from \$2,316,702 to \$2,844,237. The cost estimate for providing Phase 2 construction management services through 2005 is \$698,061. The total estimated amount for Phase 2 design, and 2005 construction management services comes to **\$3,542,298**. Adding the expenses incurred by HDR for their services during Phase 1 design and construction, the final, total approved budget for HDR's services for the TRLIA project comes to **\$4,152,208.57**. These amounts were calculated using hourly labor rates that had been presented by HDR as part of their original contract, which was approved by the TRLIA Board.

September 14, 2005

Mr. Anirban Bhattacharyya  
Yuba County Department of Public Works  
915 Eighth Street, Suite 125  
Marysville, CA 95901

**RE: Proposed Modifications to Scope of Services and Third Amendatory Agreement dated March 15, 2005: Phase II Levee Repairs – Upper Bear River, WP Interceptor Canal, Yuba River and Olivehurst Detention Basin**

Dear Mr. Bhattacharyya:

Please refer to our Third Amendatory Agreement with the Three Rivers Levee Improvement Authority (TRLIA), dated March 15, 2005.

The purpose of this letter is to present recommended changes in our contract scope of work, schedule and fee to accomplish the following additional activities:

- WPIC Levee Extension at Olivehurst Detention Basin – Provide PS&E for structural design associated with Yuba County's Olivehurst Detention Basin project
- TRLIA has opted to incorporate the Olivehurst Detention Basin project into the Phase 2 contract. Additional effort is necessary to include this additional project element into the bid package as an addendum.
- Geotechnical Engineering Services for Olivehurst Detention Basin
- Utility and Permitting Fees for UPRR, Pacific Gas & Electric, and Kinder Morgan
- Biological Resource Construction Monitoring (2005 Construction Season)
- Phase I Environmental Site Assessment & Limited Phase II Sampling for Olivehurst Detention Basin
- Addition of Construction Management services for the 2005 construction season. This task was previously a contract option. (Note that Construction Management services for the 2006 construction season will be submitted in a subsequent amendment.)
- Additional Project Management and Construction Services related to additional design and coordination activities.

The following is offered in response to an e-mail from Larry Lucero dated August 21, 2005. We do not anticipate that the construction contract will be split into multiple contracts, and our estimate for construction management is based on one continuing contract. As indicated, we have only included construction management services for calendar year 2005 in this contract amendment. The remaining construction management services will be included in a subsequent contract amendment, which will include construction management services for 2006 as well

as design services for the Upper Yuba levee repair project. The estimate has been completed considering the potential for an accelerated schedule and potential overtime for field personnel.

Please refer to the attached supplemental scope, schedule and fee proposal for the contract work. The following table summarizes the tasks and proposed changes in cost.

Item	Current Budget	Proposed Budget	Difference
<b>Basic Services - Phase II Work</b>			
Task 1 - Project Management	\$205,004	\$272,692	\$67,688
Task 2 - Bear River and WPIC Predesign	\$109,082	\$109,082	No Change
Task 3 - Yuba River Predesign	\$302,072	\$302,072	No Change
Task 4 - Olivehurst Detention Basin Design Tasks	\$97,151	\$222,798	\$125,647
Task 5 - Plans, Specifications & Estimates	\$360,081	\$360,081	No Change
Task 6 - ROW, Easement Requirements, and Utility Coordination	\$27,819	\$77,034	\$49,215
Task 7 - Environmental Documents and Permits	\$594,451	\$804,891	\$210,440
Task 8 - Pre-Bid Assistance and Construction Support	\$93,507	\$168,052	\$74,545
<b>Total - Basic Services (Phase II Work) - Tasks 1 - 8</b>	<b>\$1,789,167</b>	<b>\$2,316,702</b>	<b>\$527,535</b>
<b>Task 9 - Construction Management (2005 Season)</b>	<b>\$0</b>	<b>\$698,061</b>	<b>\$698,061</b>

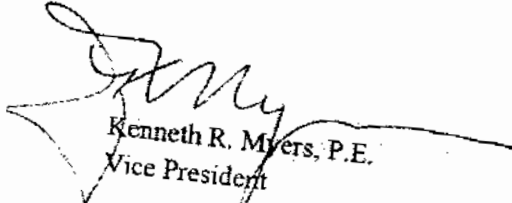
The cost for Basic Services (Tasks 1 through 8) is increased by \$527,535 over the current budget to \$2,316,702. In addition, we have added a new task, Phase II Construction Management for 2005 (Task 9). The cost for 2005 Phase II Construction Management is \$698,061. In total, this will amount to an increase of \$1,225,596 over the current approved budget of \$2,926,612.57.

Our current price ceiling is \$2,926,612.57. With this amendment, the price ceiling would be increased by \$1,225,596 to \$4,152,208.57. We are requesting that the price ceiling be increased to \$4,152,208.57 to accomplish the work outlined above.

If you have any questions please call Mr. Ken Myers at (916) 817-4860.

Sincerely,

  
 Brent Felker, P.E.  
 Vice President

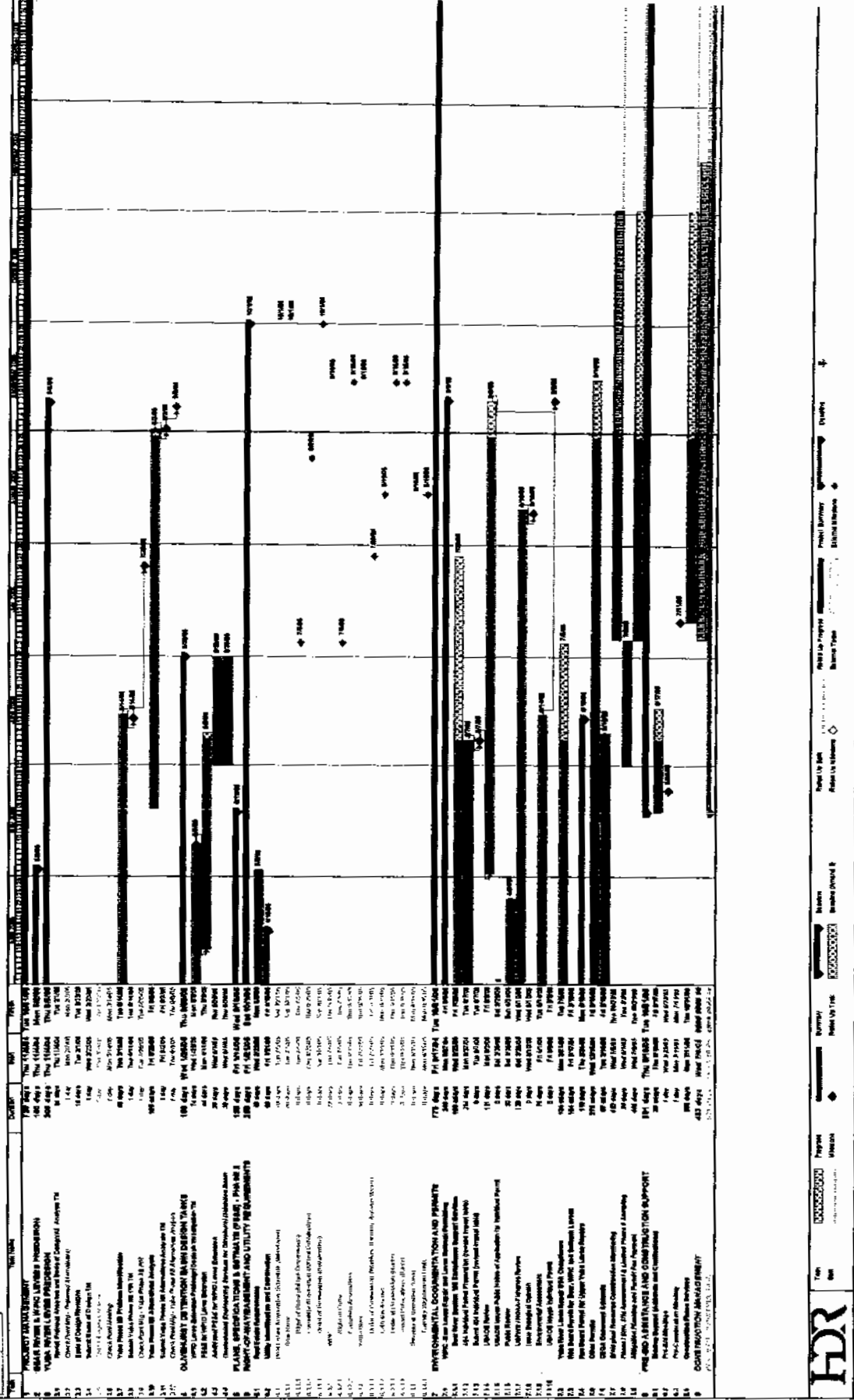
  
 Kenneth R. Myers, P.E.  
 Vice President

Attachments

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# Three Rivers Levee Improvement Authority Amendment No. 4

## PHASE 2 LEVEE REPAIR - BEAR RIVER, WPIC, YUBA RIVER AND OLIVEHURST DETENTION BASIN



NO.	DESCRIPTION	DATE	BY	CHKD BY
1	PROJECT DEVELOPMENT	10/1/01	TR/101	TR/101
2	BEAR RIVER & WPIC LEVEE REPAIR	10/1/01	TR/101	TR/101
3	YUBA RIVER LEVEE REPAIR	10/1/01	TR/101	TR/101
4	OLIVEHURST DETENTION BASIN LEVEE REPAIR	10/1/01	TR/101	TR/101
5	AMENDMENT NO. 4	10/1/01	TR/101	TR/101
6	PHASE 2 LEVEE REPAIR - BEAR RIVER, WPIC, YUBA RIVER AND OLIVEHURST DETENTION BASIN	10/1/01	TR/101	TR/101
7	ENVIRONMENTAL DOCUMENTATION AND PERMITS	10/1/01	TR/101	TR/101
8	CONSTRUCTION MANAGEMENT	10/1/01	TR/101	TR/101
9	OPERATION AND MAINTENANCE	10/1/01	TR/101	TR/101
10	COMPLETION REPORT	10/1/01	TR/101	TR/101

**PHASE 2 LEVEE REPAIR - BEAR RIVER, WPIC, YUBA RIVER AND OLIVEHURST DETENTION BASIN**  
 Amendment No. 4  
 Date: 10/1/01  
 By: TR/101  
 Chkd: TR/101

