



# THREE RIVERS LEVEE IMPROVEMENT AUTHORITY AGENDA

JULY 12, 2005

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

Unless otherwise indicated

2:00 P.M. I

CALL TO ORDER

II ROLL CALL – Directors Rick Brown, Mary Jane Griego, Dan Logue, Richard Webb

III ACTION ITEMS

- A. HDR Engineering Inc/Change of Scope of Services/Project Budget: Approve Fourth Amendment to Agreement with HDR Engineering, Inc. for Phase 2 Design and Construction and authorize Chairman to execute same.
- B. Construction Grant Application: Adopt resolution authorizing preparation and submittal of an Implementation Grant Application to California Department of Water Resources for Phase 2 Construction.
- C. Supplemental Feasibility Study Grant: Adopt resolution authorizing submittal of a Supplemental Feasibility Study Grant to California Department of Water Resources as it relates to Yuba and Feather River Phase 4 levee improvements.
- D. Minutes: Approve minutes of June 21, 2005 Budget Hearing and special meeting of June 21, 2005.

IV BOARD AND STAFF MEMBERS' REPORTS

V PUBLIC COMMUNICATIONS: Any person may speak about any subject of concern provided it is within the jurisdiction of the Levee Improvement Authority and is not already on today's agenda. The total amount of time allotted for receiving such public communication shall be limited to a total of 15 minutes and each individual or group will be limited to no more than 5 minutes.

VI ADJOURN

July 12, 2005

TO: Three Rivers Levee Improvement Authority Board  
FROM: Randy Margo, Deputy Executive Director  
SUBJECT: Request for Change to Scope of Services and Project Budget Request 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 change to scope of services and project budget request 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 previously approved scope of services for the project, as illustrated below:

Design Services: Additional services carried out by HDR as part of Phase 2 design include civil and geotechnical engineering, environmental site assessment and sampling, as well as contract document preparation work related to the proposed Olivehurst Detention Basin, at the request of TRLIA. The detention basin work was not a part of HDR's previously approved scope of services.

Construction Management Services: The amended scope of services proposed herein incorporates construction supervision and management services to be provided by HDR during Phase 2 construction work which is expected to start in July-August 2005 and be completed by November 2005.

### **Fiscal Impact**

This amendment will increase price ceiling for Design Services by \$288,647.57, raising the design amount from \$2,926,612.57 to **\$3,215,259.57**. The cost estimate for providing Construction Management Services is **\$1,395,756.00**. The updated overall contract amount for design and construction management services comes to **\$4,611,045.57**. 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.

June 17, 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
- ▶ Phase I Environmental Site Assessment & Limited Phase II Sampling for Olivehurst Detention Basin
- ▶ Addition of Construction Management services. This task was previously a contract option. The amount has been refined based on completion of PS&E.

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	\$216,948	\$11,944
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	\$70,319	\$42,500
Task 7 - Environmental Documents and Permits	\$594,451	\$703,007	\$108,556
Task 8 - Pre-Bid Assistance and Construction Support	\$93,507	\$93,507	No Change
<b>Total - Basic Services (Phase II Work) - Tasks 1 - 8</b>	<b>\$1,789,167</b>	<b>\$2,077,814</b>	<b>\$288,647</b>
<b>Task 9 - Construction Management</b>	<b>\$0</b>	<b>\$1,395,756</b>	<b>\$1,395,756</b>

The cost for Basic Services (Tasks 1 through 8) is increased by \$288,647 over the current budget to \$2,077,814. In addition, we have added a new task, Phase II Construction Management (Task 9). The cost for Phase II Construction Management is \$1,395,756. In total, this will amount to an increase of \$1,688,403 over the current approved budget of \$2,926,612.57.

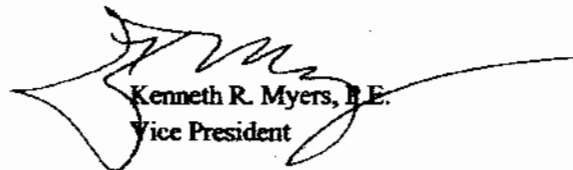
Our current price ceiling is \$2,926,612.57. With this amendment, the price ceiling would be increased by \$1,688,403 to \$4,615,015.57. We are requesting that the price ceiling be increased to \$4,615,015.57 to accomplish the work outlined above.

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

Sincerely,



David A. Pivetti, P.E., A.I.A.  
Vice President



Kenneth R. Myers, P.E.  
Vice President

Attachments

KRM:cdh05155



# THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

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

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

July 12, 2005

TO: Three Rivers Levee Improvement Authority Board (TRLIA)  
FROM: Randy Margo, Deputy Executive Director *Randy Margo*  
SUBJECT: Consider Resolution Authorizing TRLIA to Submit Construction Grant  
Application to California Department of Water Resources for Phase 2  
Levee Improvements

## Recommended Action

Adopt the attached resolution authorizing TRLIA staff to prepare and forward to the California Department of Water Resources, a Proposition 13 grant application for construction improvements for the Upper Bear River, Western Pacific Interceptor Canal and Yuba River levees (Phase 2 Levee Improvement Project).

## Reason for Recommended Action

This action enables TRLIA staff to prepare and submit to the California Department of Water Resources a construction grant application for Proposition 13 funds under the State Water Bond Act of 2000 to cover construction and land acquisition/right of way costs associated with the Phase 2 project.

## Discussion and Fiscal Impact

The Phase 2 levee work is a significant part of TRLIA's overall levee improvement program and will provide improvements when combined with future phases of work that will meet or exceed federal standards for flood protection.

The overall cost for the proposed Phase 2 Levee Repair project, including construction, and land and right of way acquisition, is currently estimated at **\$25,621,058**. Adopting this resolution will enable TRLIA staff to prepare and submit to the California Department of Water Resources, a grant application for appropriation of Proposition 13 implementation funds to cover construction and land acquisition/right of way costs associated with the project. Proposition 13 conditions require a 30 percent local match which will come from developer fees.

In addition, a FEMA Grant of \$1.5 million is available for work on the Olivehurst Detention Basin. However, this project is not reimbursable under Proposition 13.



**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE THREE RIVERS LEVEE IMPROVEMENT AUTHORITY AS FOLLOWS:**

1. The foregoing recitals are true and correct.
2. The Authority Board of Directors authorizes and directs Authority staff to prepare and forward to the California Department of Water Resources, a Proposition 13 grant application for the implementation of the construction, land acquisition and other related work associated with the proposed Phase 2 Levee Repair Project.

PASSED AND ADOPTED at a regular meeting of the Board of Directors of the Three Rivers Levee Improvement Authority, on the \_\_\_\_ day of July, 2005, by the following vote:

AYES:

NOES:

ABSENT:

\_\_\_\_\_  
RICHARD WEBB, CHAIRPERSON

ATTEST: DONNA STOTTLEMEYER  
Clerk of the Board of Supervisors

By \_\_\_\_\_

APPROVED AS TO FORM

\_\_\_\_\_  
DANIEL G. MONTGOMERY,  
County Counsel



# THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

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

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

July 12, 2005

TO: Three Rivers Levee Improvement Authority (TRLIA) Board  
FROM: Randy Margo, Deputy Executive Director *Randy Margo*  
SUBJECT: Consider Resolution Authorizing TRLIA to Submit Proposition 13 Grant Application to California Department of Water Resources for a Feasibility Study of Yuba and Feather River Phase 4 Levee Improvements

## **Recommended Action**

Adopt attached resolution authorizing TRLIA staff to submit a Proposition 13 supplemental Feasibility Study grant to the California Department of Water Resources.

## **Reason for Recommended Action**

TRLIA was recently informed by the United States Army Corps of Engineers and the California Department of Water Resources that sections of the Yuba and Feather River levees may not, in their current condition, be in conformance with the Federal Emergency Management Agency's 100-year flood protection requirements. The study is the required first step to identify deficient levee sections, if any, and to bring them up to the standards required to achieve certifiable 100-year flood protection.

## **Discussion**

The Authority Board of Directors must adopt the attached resolution in order for TRLIA staff to undertake the proposed Phase 4 Feasibility Study under the Proposition 13 grant program, which will be submitted to the California Department of Water Resources. TRLIA staff will prepare an application requesting funding from the Proposition 13 grant funds to undertake the Feasibility Study.

## **Fiscal Impact**

The proposed Feasibility Study is estimated to cost \$1,703,550. It is TRLIA's intent to prepare and forward to the California Department of Water Resources, an application requesting grant funds for the full cost of the Feasibility Study from the State of California's Proposition 13 bond funds.



**BEFORE THE THREE RIVERS LEVEE IMPROVEMENT AUTHORITY  
OF THE COUNTY OF YUBA**

**IN RE:** )  
 ) **RESOLUTION No.** \_\_\_\_\_  
**RESOLUTION TO UNDERTAKE A SUPPLEMENTAL )**  
**FEASIBILITY STUDY, RD 784 FLOOD CONTROL )**  
**AND LEVEE IMPROVEMENTS PROJECT, PHASE 4 )**  
\_\_\_\_\_ )

**WHEREAS**, TRLIA was recently informed by the United States Army Corps of Engineers and the California Department of Water Resources that sections of the aforementioned levees may not, in their current condition, be in conformance with the Federal Emergency Management Agency's 100-year flood protection requirements.

**WHEREAS**, Phase 4 of the Three Rivers Levee Improvement Authority (TRLIA) Project within RD 784 consists of the east bank Feather River levee in between the Yuba River on the north and the western end of the proposed Bear River Setback levee to the South; and the south bank Yuba River levee between the Union Pacific railroad tracks to the east of the Highway 70 bridge, upstream to the Yuba Goldfields.

**WHEREAS**, TRLIA intends to carry out a Phase 4 Feasibility Study (Study), consisting of geotechnical problem identification and preliminary remedial measures analysis, environmental studies to assess the overall impact of implementation of the remedial measures, and other relevant analyses. The Study is the required first step to identify deficient levee sections, if any, and to bring them up to the standards required to achieve certifiable 100-year flood protection.

**WHEREAS**, it is TRLIA's intent to prepare and forward to the California Department of Water Resources, an application requesting funds, in the form of a grant from the State of California Proposition 13 bond fund, to undertake the Study.

**WHEREAS**, the Authority Board of Directors must approve undertaking the proposed Phase 4 Feasibility Study, and the preparation and submittal to the California Department of Water Resources, an application requesting funding from the Proposition 13 grant funds to undertake the Study.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE THREE RIVERS LEVEE IMPROVEMENT AUTHORITY AS FOLLOWS:**

1. The foregoing recitals are true and correct.
2. The Authority Board of Directors authorizes and directs Authority staff to undertake the TRLIA Phase 4 Feasibility Study.
3. The Authority Board of Directors authorizes and directs Authority staff to prepare and forward to the California Department of Water Resources, an application requesting funding from the Proposition 13 grant funds to undertake the Study.

PASSED AND ADOPTED at a regular meeting of the Board of Directors of the Three Rivers Levee Improvement Authority, on the \_\_\_\_ day of July, 2005, by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

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RICHARD WEBB, CHAIRPERSON

ATTEST: DONNA STOTTLEMEYER  
Clerk of the Board of Supervisors/Secretary

By: \_\_\_\_\_

APPROVED AS TO FORM:

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DANIEL G. MONTGOMERY,  
County Counsel

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

MINUTES – BOARD OF DIRECTORS

FINAL BUDGET HEARINGS FISCAL YEAR 2005/2006

JUNE 21, 2005

A meeting of the Board of Directors of the Three Rivers Levee Improvement Authority was held on the above date, commencing at 10:28 a.m., within the Government Center, Marysville, California, with a quorum being present as follows: Directors Rick Brown, Mary Jane Griego, and Dan Logue. Director Richard Webb was absent. Also present were Executive Director Kent McClain, and Clerk of the Board of Supervisors/Secretary Donna Stottlemeyer. Vice-chairman Griego presided.

Fiscal Year 2005/2006 Budget: Executive Director Kent McClain advised the budget includes \$68 million for capital improvement and special projects cost and \$576,000 for insurance, membership, professional services and travel. Mr. McClain advised estimated revenue includes developer's fees, Federal Emergency Management Grant, Proposition 13 funds, advanced funding fees and the \$7.2 million Fund Balance on June 30, 2006.

Vice-chairman Griego opened the public hearing.

Matt Harmon, Rocklin, advised of commercial acreage ownership along North Beale Road, right-of-way acquisition, and felt other alternatives existed for levee improvements in this area without the removal of large commercial acreage and the impact to the tax base. Mr. Harmon stood ready to present other engineering alternatives for levee improvement.

Vice-chairman Griego stated levee improvements should be the best possible alternative, advising Budget Hearings were not the appropriate forum and directed Executive Director Kent McClain to meet with Mr. Harmon to discuss alternatives.

Mr. Craig Rowland, Auburn, deferred comments.

Vice-chairman Griego advised Chairman Webb and herself recommend a \$50 stipend per meeting for Board members be included in the Budget. Upon motion of Director Logue, seconded by Director Brown, and carried with Director Webb being absent, the Board moved to add a \$50 stipend per meeting for Board members to the Fiscal Year 2005/2006 Budget to be included in Professional Services.

ADD  
\$50 STIPEND

RECESS

There being no further Board and public comments the Three Rivers Levee Improvement Authority the Budget Hearings for Fiscal Year 2005/2006 were recess at 10:40 a.m. to June 28, 2005 at 2:00 by Vice-chairman Griego.

\_\_\_\_\_  
Chairman

ATTEST: DONNA STOTTLEMEYER  
CLERK OF THE BOARD OF SUPERVISORS  
AND SECRETARY OF THE PUBLIC AUTHORITY

\_\_\_\_\_  
Approved: \_\_\_\_\_

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

MINUTES – BOARD OF DIRECTORS

JUNE 21, 2005 – SPECIAL MEETING

A meeting of the Board of Directors of the Three Rivers Levee Improvement Authority was held on the above date, commencing at 10:40 a.m., within the Government Center, Marysville, California, with a quorum being present as follows: Directors Rick Brown, Mary Jane Griego, and Dan Logue. Director Richard Webb was absent. Also present were Executive Director Kent McClain, Counsel Daniel Montgomery, and Clerk of the Board of Supervisors/Secretary Donna Stottlemeyer. Vice-chairman Griego presided.

ACTION ITEMS

Invoice Payment: Upon motion of Director Logue, seconded by Director Brown, and carried with Director Webb being absent, the Board authorized the Auditor-Controller to pay invoices in the total amount of \$60,054.65 from Downey brand for \$29,892.08 and from Economic and Planning Systems for \$30,162.57.

AUTHORIZE  
PAYMENT

CLOSED SESSION

The Board retired into closed session at 10:41 a.m. to discuss one case of threatened litigation pursuant to Government Code §54956.9(b).

The Board returned into open session at 11:14 a.m. with all Board and staff members present as indicated above.

Counsel Daniel Montgomery made the following announcement:

"Madam Chair, by a 3/0 vote your Board has authorized retention of McDonough Holland and Allen to represent the Authority's interest in certain eminent domain actions that may be filed in the future and has authorized me to execute the retainer agreement as well as possible conflict consent as may be necessary in the future. No further announcement."

ADJOURNMENT

There being no further business to come before the Three Rivers Levee Improvement Authority the meeting was adjourned at 11:15 a.m. by Vice-Chairman Griego.

\_\_\_\_\_  
Chairman

ATTEST: DONNA STOTTLEMEYER  
CLERK OF THE BOARD OF SUPERVISORS  
AND SECRETARY OF THE PUBLIC AUTHORITY

\_\_\_\_\_  
Approved: \_\_\_\_\_