



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY AGENDA

DECEMBER 13, 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. Authorize Executive Director to execute contract for professional services in an amount not to exceed \$20,000 to provide assessment of actions required of Reclamation District 784 to assure full compliance with permitting and Proposition 13 bond fund conditions in order to ensure completion and certification of TRLIA project.
- B. Authorize Executive Director to retain EIP Associates on a temporary trial basis to provide environmental permitting management for TRLIA project in an amount not to exceed \$40,000.
- C. Approve contract with GEI Consultants for Phase 4 Feather River Levee remedial design study in an amount not to exceed \$1,439,400 and authorize chair to execute same.
- D. Approve contract with HDR, Inc. for continued Phase 2 construction management, Phase 4 Upper Yuba Levee Repairs Design Study, and services related to certification of reconstructed levees by FEMA in an amount not to exceed \$2,480,000 and authorize Chair to execute same.
- E. Authorize Chair to execute letter to state legislators requesting funds for flood control projects.

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**



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

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

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

DATE: December 13, 2005
TO: Board of Directors
FROM: 
Charles K. McClain, Executive Director
SUBJECT: Proposal for Consultant Services

Recommendation: Authorize the Executive Director to execute a contract for Professional Services in an amount not to exceed \$20,000 to provide an assessment of the actions required of Reclamation District 784 (RD 784) to assure full compliance with permitting and Proposition 13 bond fund conditions in order to ensure completion and certification of the Three Rivers Levee Improvement Authority (TRLIA) project.

Background: RD 784 is the local entity responsible for operation and maintenance of the Yuba River, Bear River, Feather River, and Western Pacific Interceptor Canal levees in Yuba County. In addition, RD 784 has managed interior drainage for most of the lands within the district. Despite past efforts to increase its assessment, RD 784 has an extremely modest budget relative to the scope of its responsibilities. Because of the scarcity of its fiscal resources and the rural, primarily agricultural nature of the district, RD 784 has not historically maintained the facilities to urban standards.

TRLIA's flood protection improvement plan is designed to achieve a higher level of public safety for residents as well as certification of the levees to gain a favorable FEMA flood rating. An operation and maintenance plan for the flood control facilities (levees and drainage) is required to be developed and submitted to the permitting and certification agencies. In addition, the Proposition 13 grants require TRLIA to assure long-term maintenance will be conducted in ways necessary to meet higher standards for the increased life safety responsibilities represented by the increasingly urban nature of the area. In order for TRLIA to achieve its project goals, TRLIA must be assured RD 784 is able to properly operate and maintain the levees and drainage facilities for which it will become ultimately responsible.

Discussion: In order to assist RD 784 in transitioning from a primarily agricultural district to an urban district, a detailed assessment of current operational practices and a plan for upgrading services, is required. Staff believes the assessment and plan includes four primary elements: 1) a survey and assessment of RD 784's current operation and maintenance practices and a recommendation for new practices appropriate for an urban district, including recommendations of labor levels, necessary equipment, and appropriate training; 2) the development of a plan to more aggressively eradicate rodent populations burrowing near or on the levees; 3) an assessment of the budgetary needs of RD 784 and; 4) a recommendation as to appropriate actions under Reclamation District law and Proposition No.218 for seeking a vote of RD 784 landowners to increase the district's assessment.

The work to be performed under this proposal is required now in order to obtain an accurate estimate as to the specific tasks to be performed in order to bring RD 784's operational practices and financial resources up to those required of an urban levee district. If this work proposal is approved, staff will seek proposals from appropriate consultants, including any engineers or technicians familiar with efforts of other urbanizing districts.

Fiscal Impact: This task was not specifically budgeted, but funds exist in the Professional Services Account to cover the work.



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

GOVERNMENT CENTER – 915 8TH STREET, SUITE 115
MARYSVILLE, CA 95901-5273
(530 749-7575 (530) 749-7312 Fax

DATE: December 13, 2005

TO: Three Rivers Levee Improvement Authority Board

FROM: Charles K. McClain, Executive Director

SUBJECT: Authorizing the Executive Director, TRLIA, to retain, on a temporary trial basis, EIP Associates to provide Environmental Permitting Management services for the TRLIA project.

Recommended Action

Authorize the Executive Director, TRLIA, to retain, on a temporary trial basis, EIP Associates to provide Environmental Permitting Management for the TRLIA project.

Discussion

The purpose of the environmental permitting management services will be to:

- Coordinate and manage the efforts of TRLIA's current consultant team related to environmental documentation and permitting processes;
- Review administrative draft documents;
- Provide strategic environmental permitting guidance to TRLIA and the consultant teams; and
- Represent TRLIA in negotiation with regulatory agencies, as appropriate.

Due the fast pace of the various phases of the TRLIA projects and the multiple environmental requirements related to monitoring, studies, restoration and mitigation requirements, assuring proper coordination between TRLIA, the environmental consultants and the state/federal review agencies is a "critical path" item. EIP will be responsible for the environmental permitting management tasks thus promoting seamless coordination and flow of information between TRLIA, the environmental consultants and the relevant state/federal review agencies.

EIP Associates, a full-service environmental firm, has nearly 35 years of overall experience on guiding public and private-sector clients through environmental review and permitting processes. EIP will be represented by MR. Brian Boxer, Senior Vice President. Mr. Boxer will report directly to the TRLIA Executive Director and will carry out the following tasks.

Task 1.0 Project Initiation and Site Visit

In order to initiate the effort, Mr. Boxer will:

- Meet with the TRLIA team, including consultants to confirm the scope of work and refine it if necessary;

- Visit the site and vicinity to personally observe existing conditions and ongoing levee improvement activities on the site and in the region; and
- Review past and current environmental documents.

Task 2.0 Project Environmental Team Management and Coordination

Mr. Boxer will manage and coordinate the activities of the TRLIA environmental consultant team, including, but not limited to, the following tasks:

- Participate in weekly team management meetings;
- Participate in monthly contractor meetings;
- Conduct weekly (or as appropriate) environmental team management meetings;
- Maintain a project task tracking sheet;
- Provide regular briefings to the Executive Director;
- Attend TRLIA Board meetings, as appropriate;
- Review and comment on draft documents prepared by the TRLIA environmental consultant teams;
- Coordinate development of mitigation strategy and related agency negotiations; or
- Represent TRLIA in regulatory agency meetings, as appropriate.

Fiscal Impact

At this time, TRLIA's intends to retain EIP's services on a time-and-materials basis for a total sum not to exceed **\$40,000** from the Professional Services portion of the budget. It is estimated that the average level of effort for Mr. Boxer to accomplish the tasks mentioned before will be approximately 10 hours per week. For 2006, Mr. Boxer's time will be billed at \$200 per hour; if the contract extends beyond 2006, this rate will be subject to change.

December 13, 2005

TO: Three Rivers Levee Improvement Authority Board
FROM: Ric Reinhardt, Design Engineer
SUBJECT: Consider Contractual Agreement with GEI Consultants for TRLIA Phase 4 - Feather River Levee Repairs Design Study

Recommended Action

Approve contract with GEI Consultants for the TRLIA Phase 4 - Feather River levee remedial design study. The specific contract terms are detailed in the attached document (i.e., the contract document).

Discussion

The Feather River section of Phase 4 of the TRLIA project comprises the east bank levee of the Feather River between the Bear and the Yuba River levees. In January 2005, the United States Army Corps of Engineers indicated to TRLIA that in their opinion, portions of this levee do not meet FEMA base-flood (i.e., 100-year flood) criteria. A problem identification study recently completed by Kleinfelder, under contract to TRLIA, confirmed inadequacies in certain reaches of the levee. This design study is intended to evaluate engineering alternatives to remedy those levee sections and related environmental requirements in terms of permitting and mitigation, coordinate with relevant state and federal review agencies, prepare final state and federal agency-approved engineering plans and specifications for remedial construction.

Fiscal Impact

The contract has been drawn so as to reimburse GEI for its services on a time-and-expenses basis, to a maximum amount not exceeding **\$1,439,400** without prior authorization by TRLIA. This amount includes a sum of \$136,000 to carry out an Economic Analysis, which is included in GEI's scope of work as an optional task item.



2201 Broadway, Suite 321
Oakland, California 94612
510-835-9838
FAX 510-835-9842

December 1, 2005
050110

Mr. Charles K. McClain, Executive Director
Three Rivers Levee Improvement Authority
915 Eighth Street, Suite 115
Marysville, CA 95901

Dear Mr. McClain:

Re: Phase 4 Feather River Levee Alternatives Analysis, Agreement between TRLIA and B-E/GEI

This letter is a follow up to your request to prepare a scope of work and budget for performing an alternatives analysis study for the Phase 4 Feather River Levee Repairs. A draft of the attached scope of work, budget and schedule was provided to Ric Reinhardt on October 20, 2005. Subsequently, Ric forwarded comments to us on the draft scope of work from Seth Merewitz. Also, Ric requested that we include Economic Analysis (Task 10) as an optional task. The attached documents have been revised to incorporate these comments. Specifically, we have made the following changes based on comments received:

- Added a more detailed justification of Economic Analysis in Task 10 of the Scope of Work
- Modified the scope of work and cost table to show Economic Analysis (Task 10) as an optional task
- Included a conceptual implementation schedule assuming levee strengthening

The attached documents include the following:

- Scope of Work
- Table 1 - Summary Cost Estimate
- Figure 1 - Levee Study Locations

- Figure 2 – Tentative Schedule, Alternatives Analysis, Phase 4 Feather River Levee Repairs
- Figure 3 – Conceptual Summary Implementation Schedule, Phase 4 Feather River Levee Repairs, Levee Strengthening
- Contract

This new contract is specifically focused on the Phase 4 alternatives analysis study. As part of the Phase 3 design, B-E/GEI has performed engineering and environmental services for out-of-scope items based on requests from TRLIA that we believe will require a budget augmentation to our existing Phase 3 contract with TRLIA. These items include:

- Preparation of a Phase 1 Environmental Site Assessment for the setback levee project area (completed)
- Borrow material sampling and chemical analysis in conformance with RWQCB requirements (completed)
- Additional geotechnical investigations of the expanded south detention basin (completed), levee foundation in soft area between stations 23+00 and 31+00 (completed), and potential borrow area within setback area (in progress).
- Preparation of a second set of contract documents (necessitated by accelerated program) (in progress)
- Relocation of elderberry bushes, including maintenance, monitoring and reporting (relocation completed, others in progress)
- Seed collection for restoration program (in progress)
- Support to TRLIA in coordination with Corps and Reclamation Board for designating the setback levee as the project levee (in progress)
- Support to TRLIA in coordinating implementation financing requirements with DWR and DFG (in progress)
- Support to TRLIA in managing the restoration and mitigation program, including coordination with Wildlands and DFG (in progress)
- Archaeological site testing/reporting for sites east of Road 512 (completed)

We have been communicating these issues with your staff and are evaluating our budget requirements as we complete the Phase 3 design. We anticipate preparing a change order request in the near future to address these items.

We are pleased with the opportunity to continue working with you and your staff during Phase 4 of this vitally important project. Please call me, Alberto Pujol, or Dan Wanket if you have any questions.

Sincerely,

B-E/GEI



Raymond D. Hart
Senior Vice President

Enclosure

**Phase 4 - Feather River Setback Levee Project
Alternatives Analysis
Summary Cost Estimate**

(Confidential and Proprietary Financial Information)

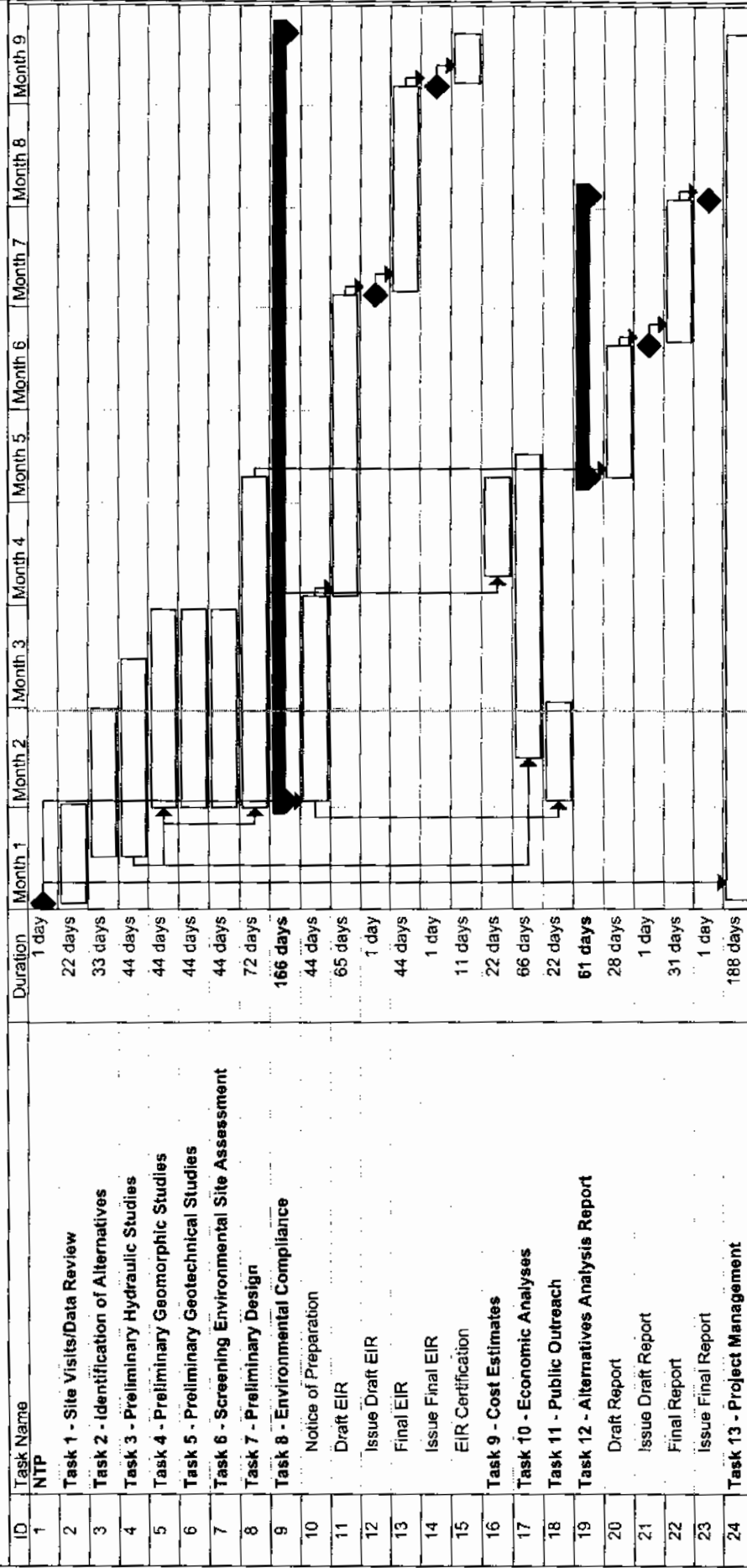
November 30, 2005

Task	Estimated Labor Effort (Hrs)	Estimated Task Cost
Task 1 Site Visits / Data Review	120	\$20,700
Task 2 Identification of Alternatives	130	\$22,400
Task 3 Preliminary Hydraulic Studies	344	\$47,200
Task 4 Preliminary Geotechnical Studies	604	\$122,000
Task 5 Preliminary Geomorphic Evaluation	168	\$28,000
Task 6 Screening Environmental Site Assessment	245	\$33,000
Task 7 Preliminary Design	1,032	\$152,800
Task 8 Environmental Compliance		
Task 8.1 Environmental Scoping	296	\$43,700
Task 8.2 EIR Development	3,448	\$456,900
Task 8.3 Initial Permitting Activities	440	\$54,100
Task 8.4 Prelim. Eval. of Env. Mitigation & Enhancement	668	\$100,800
Subtotal	4,852	\$655,500
Task 9 Cost Estimates (optional)	216	\$27,000
Task 10 Economic Analysis (optional)		
Task 11 Public Outreach	52	\$9,600
Task 12 Alternatives Analysis Report	424	\$79,400
Task 13 Project Management	624	\$105,800
Subtotal Estimate - Labor Effort and Cost (Without Task 10 - Economic Analysis)	8,811	\$1,303,400
Optional Task 10 - Economic Analysis	1,044	\$136,000
Total Estimate Labor Effort and Cost (Including Task 10)	9,855	\$1,439,400

Notes:

- 1) See Section A.4 of scope of work for scope of each task
- 2) Estimated labor effort includes hours for B-E/GEI and subconsultants
- 3) Estimated task cost includes estimated expenses and other direct costs (ODC's)
- 4) Estimated labor effort and cost is based on our understanding of the project requirements and the attached Scope of Work.
- 5) Task 10 listed as optional at TRJA's request.

FIGURE 2 - TENTATIVE SCHEDULE
 ALTERNATIVES ANALYSIS, PHASE 4 FEATHER RIVER LEVEE REPAIRS
 THREE RIVERS LEVEE IMPROVEMENT AUTHORITY



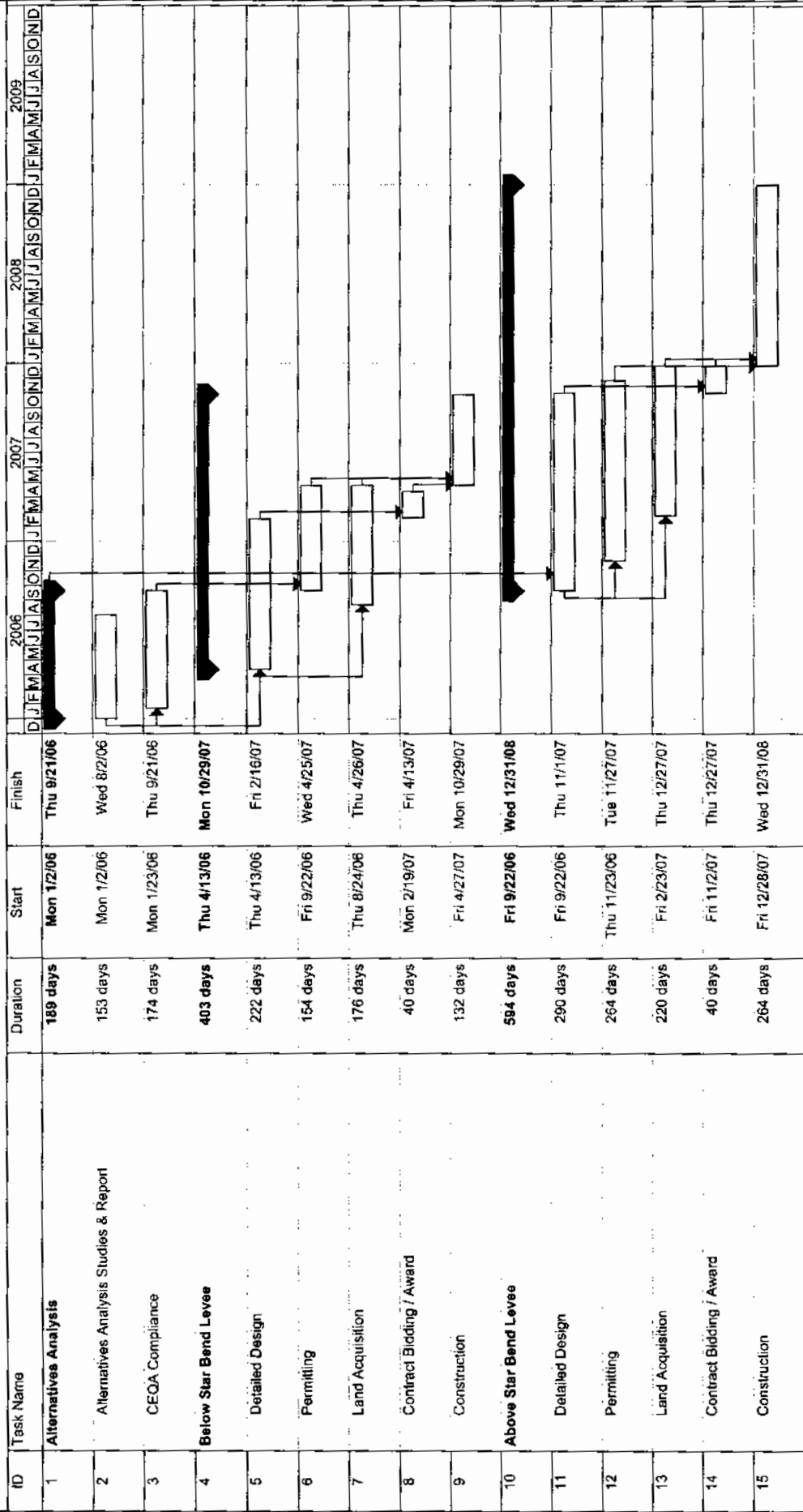
Project: Phase 4 Levee Repairs
 Date: draft 11/30/05

Task

Milestone

Summary

FIGURE 3 - CONCEPTUAL SUMMARY IMPLEMENTATION SCHEDULE
 PHASE 4 FEATHER RIVER LEVEE REPAIRS - LEVEE STRENGTHENING
 THREE RIVERS LEVEE IMPROVEMENT AUTHORITY



December 13, 2005

TO: Three Rivers Levee Improvement Authority Board
FROM: Ric Reinhardt, Design Engineer
SUBJECT: Consider Contractual Agreement with HDR, Inc., for TRLIA Phase 4 Upper Yuba Levee Repairs Design Study, Continuation of Phase 2 Construction Management (2006), and work related to certification of reconstructed levees by FEMA

Recommended Action

Approve contract with HDR, Inc., for continuation of Phase 2 Construction Management (2006), TRLIA Phase 4 Upper Yuba Levee Repairs Design Study, and services related to certification of reconstructed levees by FEMA. The specific contract terms are detailed in the attached document (i.e., the contract document).

Discussion

The scope of work covered by this contract includes the following:

Phase 2 Construction Management in 2006: While a significant part of the Phase 2 levee reconstruction project was completed in 2005, some portions of the work – notably Pump Station 6, Upper Bear River Levee, sections of the WPIC levee and the Olivehurst Detention Basin – could not be completed due to reasons beyond TRLIA’s control. This work will be completed in the summer of 2006. As TRLIA’s engineering designer and project consultant for the Phase 2 work, HDR provided construction management services for the portion of the Phase 2 work carried out in 2005. With this contract, TRLIA intends to retain HDR to provide construction management services through the remainder of the Phase 2 construction work.

Phase 4 Design Study: The Upper Yuba section of Phase 4 of the TRLIA project comprises the south bank levee of the Yuba River between the Union Pacific Railroad tracks east of Highway 70 and the Yuba goldfields. In January 2005, the United States Army Corps of Engineers identified portions of this levee as potentially not meeting FEMA base-flood (i.e., 100-year flood) criteria from the standpoint of underseepage. This design study is intended to identify the deficiencies to the levee, evaluate engineering remedial solutions and related environmental requirements in terms of permitting and mitigation, coordinate with relevant state and federal review agencies, and

prepare final state and federal agency-approved engineering plans and specifications for remedial construction.

FEMA Levee Certification: At the conclusion of the TRLIA levee project work, the reconstructed levees need to be certified by FEMA as meeting the FEMA base flood-criteria. TRLIA intends to have the Corps of Engineers certify the levees to FEMA once construction is completed. However, we have added certification as an option to HDR's contract if it becomes necessary for TRLIA to certify the levees.

Fiscal Impact

The contract has been drawn so as to reimburse HDR for its services on a time-and-expenses basis, to a maximum amount not exceeding **\$2,580,000** without prior authorization by TRLIA. Of this amount, a total of \$1,257,824 has been estimated as the cost for HDR's construction management services through the remainder of Phase 2 work (in 2006), \$1,175,047 has been estimated as the cost of the Phase 4 design study and \$147,129 is the estimated cost of HDR's services related to FEMA certification of the reconstructed levees.

November 30, 2005

Mr. Ani Bhattacharyya
Three Rivers Levee Improvement Authority
915 Eighth Street, Suite 125
Marysville, CA 95901

RE: Phase 4 Upper Yuba River Levee Repairs, Continuation of Phase 2 Construction Management (2006), and FEMA Certification of Contract Work

Dear Mr. Bhattacharyya:

Attached, please find our scope, schedule, and fee proposal for accomplishing the subject activities. Effort is included for the following:

- ▶ Part A – Engineering, design and environmental studies for Phase 4 levee repairs in RD No. 784, which consists of additional levee evaluations and design of remedial actions to the south Yuba River levee between SR 70 and the Goldfields.
- ▶ Part B – Continuation of construction management for Phase 2 levee repairs (Bear River, WPIC and Yuba River) to be accomplished during the 2006 construction season.
- ▶ Part C - FEMA Certification of Contract Work, including Phases 1, 2, and 4 levee repairs designed by the HDR team.

Please refer to the attached scope, schedule and fee proposal. The following table summarizes tasks and proposed fee:

Task Description	Fee
Part A - Phase 4 Levee Repairs, Upper Yuba River	
Task 1 - Project Management	\$241,442
Task 2 – Yuba River Levee Pre-design	\$137,608
Task 3 – Environmental Compliance and Permits	\$308,799
Task 4 – Plans, Specifications & Estimates	\$316,107
Task 5 – Rights-of-Way, Easement Requirements, and Utility Coordination	\$51,789
Task 6 - Pre-Bid Assistance and Construction Support (Phase 4)	\$119,339
Part B - Continuation of Phase 2 Construction Management (2006)	
Task 7 - CM (Bear River, WPIC and Yuba River Levees Repairs in 2006)	\$1,257,824
Part C - FEMA Certification for Contract Work	
Task 8 - FEMA Certification for Contract Work	\$147,129
Total - (Tasks 1 - 8)	\$2,580,038

Mr. Ani Bhattacharyya
November 30, 2005
Page 2

The not to exceed total fee (Tasks 1 through 8) is \$2,580,038.

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

Sincerely,



Brent R. Felker, P.E.
Senior Vice President



Kenneth R. Myers, P.E.
Vice President

Attachments

KRM:blb/05205

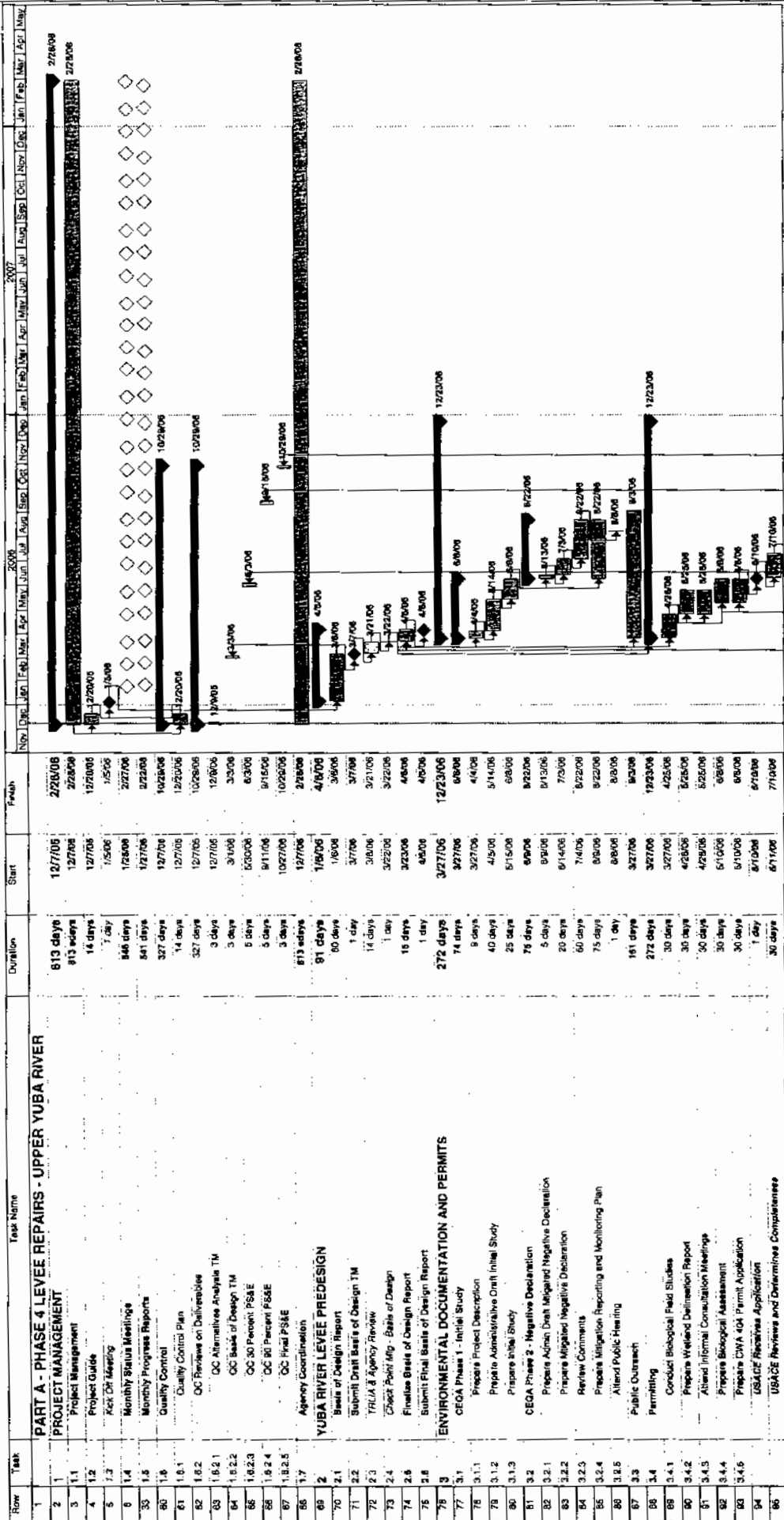
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY
Phase 4 Levee Repair - Yuba River
Continuation of Phase 2 Construction Management
FEMA Certification for Contract Work

FEE WORKSHEET

No.	Task Description	Labor												Total Hour	Total Labor (\$)	Expenses	Sub-Consultants*		Total	
		PM E7	DC E8	Sr Engr E7	Engr E7	Coor E7	Coor E8	PE E9	Div E4	Chy E3	CADD E4	Acct E4	Chemical				JAS	Wood Rodgers		Reinforcer
PART A - PHASE 4 LEVEE REPAIRS, IMPROVE YUBA RIVER																				
1. PROJECT MANAGEMENT																				
1.1	Project Management	240																		
1.2	Project Guide	6																		
1.3	Project Kick Off Meeting	8																		
1.4	Monthly Status Meetings	108																		
1.5	Monthly Progress Reports	24																		
1.6	Quality Control	40																		
1.7	Subcontract Management	40																		
2. YUBA RIVER LEVEE IMPROVEMENT																				
2.1	Final Design Review	24																		
2.2	Check Point Meeting	4																		
2.3	Finalize Basis of Design Report	4																		
2.4	Submittal Yuba River Levee Protection	32																		
3. ENVIRONMENTAL COMPLIANCE AND PERMITS																				
3.1	CEQA Phase I Initial Study	2																		
3.2	CEQA Phase II Negative Declaration	6																		
3.3	Public Outreach	4																		
3.4	Permitting	4																		
3.5	Reclamation Board Encroachment Permit for Yuba River Levee Repairs	18																		
3.6	Other Permits	18																		
4. PERMITS AND REGULATORY COMPLIANCE																				
4.1	30 Permit PS&E	24																		
4.2	30 Permit PS&E	24																		
4.3	Final PS&E	18																		
4.4	Submittal PS&E	24																		
5. ENVIRONMENTAL ASSESSMENT, UTILITIES AND GROUNDWATER																				
5.1	Final Easement Requirements	4																		
5.2	Utility Identification and Coordination	4																		
5.3	Submittal Right-of-Way Statement and Utility Requirements	4																		
6. PRELIMINARY ASSISTANCE AND LOGS (REGULATORY SUBMITTAL)																				
6.1	Bidding Support (Addenda and Clarifications) (Phase 4)	4																		
6.2	Pre-Bid Meetings (Phase 4)	4																		
6.3	Pre-Construction Meeting (Phase 4)	4																		
6.4	Construction Phase Services (Phases 2 and 4)	40																		
6.5	Submittal Pre-Bid Assistance and Construction Support	52																		
6.6	Submittal Phase 4 Levee Repair Tasks 1-8 (PART A)	1,807																		
PART B - CONTINUATION OF PHASE 2 CONSTRUCTION MANAGEMENT																				
7.1	Construction Management	0																		
7.2	Construction Management	0																		
7.3	Submittal Construction Management (PART B)	0																		
PART C - FEMA CERTIFICATION FOR CONTRACT WORK																				
8.1	FEMA Certification for Contract Work	40																		
8.2	FEMA Certification for Contract Work	40																		
8.3	Submittal FEMA Certification for Contract Work (PART C)	40																		
TOTAL (INCLUDING EFFORT TASKS 1-8 (PARTS A, B & C))																				
		606																		
		76																		
		81																		
		400																		
		1,438																		
		2,732																		
		4,732																		
		896																		
		1,972																		
		1,472,901																		
		102,179																		
		497,243																		
		26,400																		
		990,860																		
		2,580,058																		

*Subcontractants marked up by 10%

Three Rivers Levee Improvement Authority PHASE 4 LEVEE REPAIR - YUBA RIVER CONTINUATION OF PHASE 2 CONSTRUCTION MANAGEMENT (2006) FEMA CERTIFICATION OF CONTRACT WORK



Legend:

- ◆ Milestone
- ▬ Summary
- ▬ Rolled Up Task
- ▬ Task
- ▬ Split
- ▬ Progress
- ▬ Milestone
- ▬ Summary
- ▬ Rolled Up Task
- ▬ Task
- ▬ Split
- ▬ Progress

Legend:

- ◆ Milestone
- ▬ Summary
- ▬ Rolled Up Task
- ▬ Task
- ▬ Split
- ▬ Progress
- ▬ Milestone
- ▬ Summary
- ▬ Rolled Up Task
- ▬ Task
- ▬ Split
- ▬ Progress

Project: PHASE 4 LEVEE REPAIR - YUBA RIVER
 Status Date: 12/7/06

**Three Rivers Levee Improvement Authority
 PHASE 4 LEVEE REPAIR - YUBA RIVER
 CONTINUATION OF PHASE 2 CONSTRUCTION MANAGEMENT (2006)
 FEMA CERTIFICATION OF CONTRACT WORK**

Row	Task	Task Name	Duration	Start	Finish	2006	2007
96	Task	USACE Initiates EBA Consultation and Forwards BA to USFWS	1 day	7/11/06	7/11/06		
97	Task	USFWS Reviews BA and Prepares Biological Opinion	135 days	7/12/06	1/23/07		
98	Task	USACE Prepares Biological Opinion and Prepares Permit	30 days	1/24/07	2/23/07		
99	3.4.6	Prepares CWA 401 Certificate Application	30 days	9/10/06	9/30/06		
100	Task	RWGCE Reviews Application and Prepares Permit	50 days	9/10/06	9/30/06		
101	3.4.7	Prepares Streambed Alteration Agreement Application	50 days	9/10/06	9/30/06		
102	Task	CDFO Reviews Application and Prepares Permit	50 days	9/10/06	9/30/06		
103	3.5	Rec Board Permit for Upper Yuba Levee Repairs	120 days	9/30/06	10/31/06		
104	3.5.1	Application	30 days	9/30/06	10/30/06		
105	3.5.2	Rec Board Processing for Yuba Levee Permit	90 days	9/30/06	10/31/06		
106	3.6	Other Permits	90 days	9/30/06	10/31/06		
107	4	Submit 50 Percent PS&E	75 days	9/30/06	10/31/06		
108	4.1	30 Percent PS&E	1 day	9/30/06	9/30/06		
109	4.2	Submit 50 Percent PS&E	14 days	9/30/06	10/14/06		
110	4.3	TRUA & Agency Review	90 days	9/30/06	11/19/06		
111	4.4	90 Percent PS&E	1 day	9/30/06	9/30/06		
112	4.5	Submit 90 Percent PS&E	14 days	9/30/06	10/14/06		
113	4.6	TRUA & Agency Review	30 days	10/20/06	10/31/06		
114	4.7	Final PS&E	1 day	10/31/06	10/31/06		
115	4.8	Submit Final PS&E	1 day	10/31/06	10/31/06		
116	5	RIGHT-OF-WAYEASEMENT AND UTILITY REQUIREMENTS	208 days	9/30/06	10/17/07		
117	5.1	Real Estate Requirements	30 days	9/30/06	10/17/06		
118	5.2	Utility Identification and Coordination	80 days	9/30/06	11/19/06		
119	5.2.1	Conflict Identification	30 days	9/30/06	10/30/06		
120	5.2.2	Utility Reconnection Coordination	50 days	9/30/06	10/30/06		
121	6	PRE-BID ASSISTANCE AND CONSTRUCTION SUPPORT	351 days	11/15/06	11/17/07		
122	6.1	Bidding Support (Addenda and Clarifications)	80 days	11/15/06	1/13/07		
123	6.2	Pre-Bid Meetings	1 day	11/15/06	11/15/06		
124	6.3	Pre-Construction Meeting	1 day	11/15/06	11/15/06		
125	6.4	Construction Phase Services	170 days	11/15/06	11/17/07		
126	Task	PROJECT CONSTRUCTION	351 days	11/15/06	11/17/07		
127	Task	TRUA PROCEDURE ACTIVITIES	122 days	11/15/06	3/16/07		
128	Task	Advertisement	1 day	11/15/06	11/15/06		
129	Task	Address Period	60 days	11/15/06	1/13/07		
130	Task	Pre-Bid Project Site Meeting	1 day	11/15/06	11/15/06		
131	Task	Open Bids	1 day	11/15/06	11/15/06		
132	Task	Notice to Proceed	1 day	3/16/07	3/16/07		
133	Task	CONSTRUCTION PERIOD	170 days	3/16/07	10/31/07		
134	Task	PART B - CONTINUATION OF PHASE 2 CONSTR MANAGEMENT	170 days	5/18/06	10/31/06		
135	Task	CONSTRUCTION MANAGEMENT (PHASE 2)	170 days	5/18/06	10/31/06		
136	Task	PART C - FEMA CERTIFICATION OF CONTRACT WORK	120 days	11/17/07	2/28/08		
137	Task	FEMA CERTIFICATION OF CONTRACT WORK	120 days	11/17/07	2/28/08		

Milestone
 Summary
 Rolled Up Task
 Progress

Baseline
 Baseline (Amend 3)
 Rolled Up Split

Project Summary
 External Milestone
 Deadline

FDR
 Project: PHASE 4 LEVEE REPAIR - YUBA RIVER
 Project Manager: Ken Myers
 Status Date: 1/27/08

D R A F T

December 7, 2005

RE: Flood Control Funds

Dear

On behalf of the Three Rivers Levee Improvement Authority (TRLIA) I am submitting our urgent request that you include funds in the bond measures now under discussion to complete levee repairs in Yuba County. The County and its residents have suffered from the ravages of flooding twice in the past 19 years. In order to mitigate against future flooding, Yuba County and YCWA are acting in cooperation with the TRLIA who is now proceeding with significant flood protection projects on the Yuba, Feather and Bear Rivers. These projects will ensure our citizens have improved flood protection.

TRLIA initiated this vital flood protection work with the financial assistance provided through Proposition 13 Flood Control Bond Funds. Specifically, TRLIA expects to receive \$52 million in Proposition 13 funds as well as proceeds of approximately \$48 million derived from local revenue sources. In order to complete these projects, we estimate an additional \$200 million is required. We believe some of this outstanding total is available from existing, unspent state bond funds as well as additional local funds. The remainder will, we hope, come from bond measures under consideration for placement on the ballot next year.

Our Executive Director will contact your office to provide specific project information and arrange a convenient time to discuss our immediate needs. Until then, if you have any questions, please feel free to contact me at your convenience. I can be reached at 530-742-5609.

Sincerely,

Richard Webb
Three Rivers Levee Improvement Authority

Cc: County of Yuba Board of Supervisors
TRLIA Board of Directors