

AMENDMENT NO. 1  
AGREEMENT FOR PROFESSIONAL SERVICES  
FOR  
BEAR RIVER LEVEE SETBACK DESIGN  
BETWEEN  
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY AND  
BOOKMAN-EDMONSTON/GEI CONSULTANTS

THIS AMENDMENT TO AGREEMENT is made effective February 23, 2005, by and between Three Rivers Levee Improvement Authority ("TRLIA") and Bookman-Edmonston/GEI Consultants ("Consultant"), who agree as follows:

1. **Recitals.** This Amendment is made with reference to the following background recitals:
  - 1.1. Effective January 18, 2005, the parties entered into the Agreement for Professional Services relating to TRLIA's Bear River Levee Setback design.
  - 1.2. The parties now desire to amend the Professional Services Agreement to expand scope of services and base contract fee.
  
2. **Amendments to Agreement.** The Professional Services Agreement is hereby amended as follows:
  - 2.1. The scope of services (Attachment A to the Agreement for Professional Services between TRLIA and B-E/GEI, dated January 18, 2005) is amended to expand and supplement the scope of work as described by letter dated February 22, 2005 (Exhibit A) to include: (1) accelerating the exploration program (+\$60,000 to the field work); (2) adding program management for developing an accelerated schedule, along with coordination meetings with HDR and TRLIA to support acceleration of technical activities (+\$50,000); (3) adding transition services to support TRLIA's new staff taking over some management activities (+\$13,360); and (4) increasing the Levee Certification efforts (+\$98,800).
  - 2.2. The payment, budget, and not-to-exceed amounts (Professional Services Agreement Attachment B) are amended to include the additional amounts of \$222,160 for a total contract of \$2,893,160.
  
3. **No Effect on Other Provisions.** Except for the amendments in Section 2, the remaining provisions of the Professional Services Agreement shall be unaffected and remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on  
March 15, 2005.

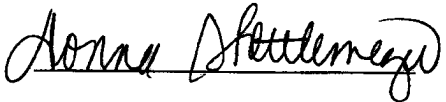
THREE RIVERS LEVEE IMPROVEMENT  
AUTHORITY OF YUBA

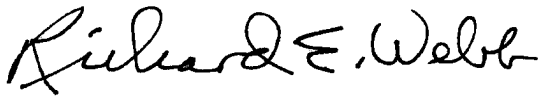
  
Charles K. McClain  
Executive Director

BOOKMAN-EDMONSTON, A DIVISION  
OF GEI CONSULTANTS, INC.

  
Raymond D. Hart  
Senior Vice President

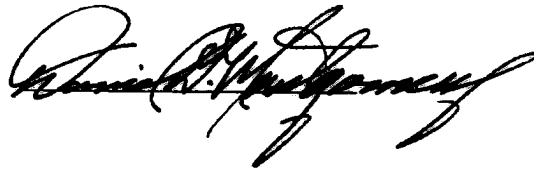
ATTEST:  
DONNA STOTTLEMEYER  
SECRETARY, THREE RIVERS  
LEVEE IMPROVEMENT AUTHORITY





Three Rivers Levee Improvement Authority  
Chairman, Richard E. Webb

APPROVED AS TO FORM:  
DANIEL G. MONTGOMERY  
COUNTY COUNSEL



**RECEIVED**

FEB 23 2005



**ADMINISTRATION**

Geotechnical  
Environmental and  
Water Resources  
Engineering

February 22, 2005  
050110

Mr. Randy Margo  
Three Rivers Levee Improvement Authority  
Yuba County Government Center  
915 8th Street, Suite 115  
Marysville, CA 95901

Dear Randy:

**Re: Scope of Design Services for Bear River Setback Levee**

This letter is to update and inform you regarding proposed changes in the Scope of Services to be provided under our agreement dated January 18, 2005, for the subject project and how the changes can be addressed. While the total project cost is still within the DWR grant authority, we have identified additional costs that should be reflected in the revised scope which need to be transmitted to DWR as required under the grant program.

First, in order to be responsive to the Three Rivers Levee Improvement Authority (TRLIA), we have included acceleration of field exploration in the revised schedule with the expectation that is TRLIA's desire. Second, it is our understanding that TRLIA has accepted the optional tasks of Program Management Transition Services and increased level of effort by our sub-consultant, PBS&J, for FEMA levee certification support. This letter details these services and their associated costs. Enclosed are a copy of the revised scope of our services (Attachment A-1) and a table showing the conversion of the B-E/GEI proposed budget task numbers to TRLIA/DWR design grant budget task numbers.

Also enclosed are copies of the revised scope of work, budget, and schedule for DWR. You will note there is less detail than for our services and the total budget is the same as the total grant amount. A draft letter is enclosed for transmittal to DWR. We will e-mail this draft letter to Teena Carlquist for use on TRLIA letterhead.

**Task Titles and Numbering**

The task titles and numbers shown on TRLIA invoices must agree with those in the design grant approved by DWR. In our proposal to TRLIA we numbered our tasks to follow TRLIA's RFP. We have now shifted our task descriptions, titles, and budgets to fit within the task descriptions, titles, and numbers used in the approved DWR grant.

*Exhibit A*

Mr. Randy Margo

2

February 22, 2005

### **Field Work**

The requested acceleration of the design schedule will require acceleration of drilling with some associated costs. Our current estimate for acceleration by operating six 10-hour days instead of five 8-hour days is \$30,000. This will shorten the drilling work by about two weeks.

After further review of the subsurface exploration program and design requirements, we believe it is prudent to conduct resistivity tests to gather data between drill holes to provide better definition of geotechnical conditions for seepage control. While that work was proposed as an option, we believe that work should be done early on to support the accelerated schedule, which eliminates the time to consider Phase I exploration results. At this time, we expect that these additional costs for resistivity tests to be about \$30,000.

### **Levee Certification**

In our proposal we anticipated we would use the services of PBS&J to guide our work to be certain the products would satisfy the needs of FEMA. We understand that TRLIA now wants us to prepare all of the necessary documents and support for all of the levee improvements on the Bear River, WPIC, and Yuba River as well as internal drainage as required by FEMA. This will require a significantly enlarged scope of services as described in the attached description of Task 0-1, FEMA Certification. (Note that we have renumbered the task and carry it separately in the documents for DWR because the work does not readily fit into previously described tasks.) We estimate that the additional scope of services will increase the cost for this task by \$98,800 from \$54,700 to \$153,500. This is exclusive of the filing fee for FEMA of up to \$7,500, which we assume will be paid directly by TRLIA when the filing is made.

### **Program for Management of Transition Services**

The scope and cost (\$13,360) of these services are described in an attachment to an e-mail from Herb Greydanus dated January 7, 2005. A copy of the scope is enclosed.

### **Project Management**

For our proposal we contemplated monthly coordination management meetings of our B-E/GEI team and that there would be representation of TRLIA in these meetings. TRLIA has now requested that (1) B-E/GEI and HDR meet monthly for management meetings with TRLIA and (2) that B-E/GEI and HDR meet at least monthly on technical aspects of our work. This will add up to 24 unbudgeted meetings through February 2006. We expect an average of two persons per meeting and six hours each, including travel and documentation. The total additional cost is estimated at \$50,000.

We also estimate that we will expend up to 100 hours to help TRLIA develop an accelerated "Fast Track" schedule (cost \$20,000). However, it is too early to tell if we will need to augment our budget to address this add-on. So at this time, we will simply let you know that we may need to augment our budget at a later date if we are not able to absorb the costs in our original budget.

Mr. Randy Margo

3

February 22, 2005

In summary, we estimate the following additional costs which cannot be absorbed in our budget.

Field Work	\$60,000
Levee Certification	98,800
Transition Services	13,360
Program Management	<u>50,000</u>
TOTAL	\$222,160

We request that you approve a contract increase in the amount of \$222,160 for a new amount of \$2,893,160.

Please call me or Herb Greydanus if you have any questions.

Sincerely,

BOOKMAN-EDMONSTON/GEI



Raymond D. Hart  
Senior Vice President

Enclosures

1. For TRLIA—B-E/GEI Agreement
  - ◆ Revised Attachment A-1
  - ◆ Revised schedule
  - ◆ Conversion of B-E/GEI proposed budget task numbers to TRLIA/DWR design grant budget task numbers
2. For transmittal to DWR
  - ◆ Draft letter of transmittal
  - ◆ Revised scope of work
  - ◆ Revised budget
  - ◆ Revised schedule
3. Program for management of transition services

cc: Ric Reinhardt