AMENDMENT NO. 7

AGREEMENT FOR PROFESSIONAL SERVICES
FOR
PHASE 4 FEATHER RIVER LEVEE REPAIRS
BETWEEN
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY AND
BOOKMAN-EDMONSTON/GEI CONSULTANTS

THIS AMENDMENT TO AGREEMENT is made effective August 28, 2007, by and between Three Rivers Levee Improvement Authority ("TRLIA") and Bookman-Edmonston/GEI Consultants, a division of GEI Consultants, Inc. ("Contractor"), who agree as follows:

1. **Recitals.** This Amendment is made with reference to the following background recitals:

1.1. Effective December 13, 2005, the parties entered into the Agreement for Professional Services relating to TRLIA's Phase 4 Feather River Levee project with a contract value of $1,439,400.

1.2. Effective April 25, 2006, the parties entered into Amendment No. 1 to the Agreement for Professional Services relating to TRLIA's Phase 4 Feather River Levee Repair design in the amount of $3,082,240 for a total contract value of $4,521,640.

1.3. Effective June 27, 2006, the parties entered into Amendment No. 2 to the Agreement for Professional Services relating to TRLIA's Phase 4 Feather River Levee Repair design in the amount of $32,700 for a total contract value of $4,554,340.

1.4. Effective October 30, 2006, the parties entered into Amendment No. 3 to the Agreement for Professional Services relating to TRLIA's Phase 4 Feather River Levee Repair design in the amount of $262,500 for a total contract value of $4,816,840.

1.5. Effective January 16, 2007, the parties entered into Amendment No. 4 to the Agreement for Professional Services relating to TRLIA's Phase 4 Feather River Levee Repair design in the amount of $115,000 for a total contract value of $4,931,840.

1.6. Effective April 3, 2007, the parties entered into Amendment No. 5 to the Agreement for Professional Services relating to TRLIA's Phase 4 Feather River Setback Levee design in the amount of $5,860,244 for a total contract value of $10,792,084.

1.7. Effective September 18, 2007, the parties entered into Amendment No. 6 to the Agreement for Professional Services relating to TRLIA's Phase 4 Feather

River Setback Levee design in the amount of $1,963,660 for a total contract value of $12,755,744.

1.8. The parties now desire to amend the Professional Services Agreement to expand scope of services and base contract fee.

2. **Seventh Amendment 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 December 13, 2005) is amended to expand the scope of work as described by letter dated March 7, 2008 (Exhibit A) to include additional design items related to the Feather River Setback Levee project.

2.2. The payment, budget, and not-to-exceed amounts (Professional Services Agreement Attachment B) are amended by the attached Exhibit B to include the additional amount of $636,300 for a total contract of $13,392,044.

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 April 15, 2008.

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY OF YUBA COUNTY

Paul G. Brunner
Executive Director

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

Raymond D. Hart
Senior Vice President

ATTEST:
DONNA STOTTLEMEYER
SECRETARY, THREE RIVERS

APPROVED AS TO FORM:
SCOTT L. SHAPIRO
GENERAL COUNSEL, TRLIA

EXHIBIT A

GEI Consultants

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

March 7, 2008
050115

Mr. Paul Brunner, Executive Director
Three Rivers Levee Improvement Authority
1114 Yuba Street, Suite 218
Marysville, CA 95901

Re: Agreement for Professional Services on TRLIA's Phase 4 Feather River Levee Repair Project – Request for Amendment No. 7, Adjustment of Scope and Budget for Segment 2, Feather River Setback Levee Design

Dear Mr. Brunner:

This letter is in follow up to our conversation of last week with Mr. Larry Dacus, TRLIA Design Manager, with the goal of conforming the scope of work and budget for the design of TRLIA's Phase 4 -Feather River Levee Repair, Segment 2, Feather River Setback Levee (project).

GEI has been performing design services for the project under our April 3, 2007, Amendment No. 5 to the subject Agreement. During these last ten months we have taken the setback levee project from start of design to the issuance of a complete design package to TRLIA and the regulatory agencies with jurisdiction (primarily the Corps of Engineers, the DWR, and the Central Valley Flood Protection Board) for approval. As you know, the project's design and permitting requirements have evolved as a result of the interactions between TRLIA, agencies, RD 784, affected landowners, and other stakeholders. Evolving/changing design criteria from the Corps and DWR have also affected the project during the course of the design and permitting activities. This evolution has had impacts on the project's scope and cost. The purpose of this Amendment No. 7 is to conform the scope and budget for the project's design and permitting services to current project requirements as they are now understood by the TRLIA team.

The basis for the requested adjustments to scope and budget is described in Attachments 1, 2 and 3 below. A narrative of the scope adjustments is provided in Attachment 1, and a breakdown of associated costs is tabulated in Attachment 2. An estimate of the cost to complete the design and permitting services needed to take the project to the start of construction is tabulated in Attachment 3. We estimate a net budget increase of $636,300

is needed to complete the design and permitting work. The requested budget adjustment represents a 10.8 percent increase over the original budget established in Amendment 5. The standard GEI fee schedule, applicable to the project beginning April 3, 2008, is included as Attachment 4.

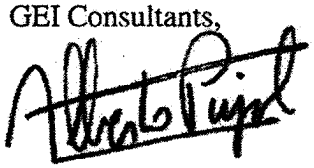
The scope and budget adjustments herein represent our best estimate at this time. Some uncertainties remain in regard to both permitting and design criteria refinements. These will need to be resolved as the project continues through the approval process. Additional project changes beyond our control could become apparent during this process and necessitate a further scope and budget adjustment.

We recognize TRLIA's difficult funding situation. We are conducting our work as efficiently as possible. Our estimated cost is considered a budget and not a target; we will manage our efforts and strive to keep actual costs under the approved budget.

We are pleased with the opportunity to work with you and your staff during the implementation phase of this vitally important project. Please call me or Dan Wanket if you have any questions.

Sincerely,

GEI Consultants,



Alberto Pujol, P.E., G.E
Project Manager

Attachments 1, 2, 3, and 4

C: Larry Dacus
Ric Reinhardt
Ray Hart
Dan Wanket

March 4, 2008

ATTACHMENT 1
FEATHER RIVER LEVEE REPAIR PROJECT, SEGMENT 2 SETBACK LEVEE SCOPE CONFORMANCE SUMMARY

1) **Increased Number of Test Borings and Test Pits:** The number of test borings and test pits performed was greater than that assumed in the approved scope of work included in Amendment 5. The increased number of borings and test pits was required for the following reasons:
   - Additional borings were needed to investigate potential setback levee alignment revisions requested by landowners and DWR.
   - Additional borings were needed to address Corps/DWR comments regarding the location and extent of seepage, stability and settlement mitigation measures. Note that initial DWR comments would have required 8,400 lf of additional cutoff wall at a construction cost of about $3.5M. The additional borings and analyses confirmed that cutoff walls were not needed in some of these locations.
   - Additional test pits were needed to investigate more borrow areas than anticipated in the scope of work. More borrow areas had to be investigated because (1) some of the areas originally designated proved to contain unsuitable materials, and (2) other borrow areas will not be available at the beginning of the construction, so a variety of sources will be needed.

   The table below compares the Amendment 5 scope of work dated April 2007 versus actual number of explorations:

Exploration	Scope of Work	Actual
Conventional Soil Borings	60 to 70	104
CPT	80 to 90	95
Sonic Borings	20 to 25	6
Test Pits	200 to 250	480

2) **Difficulties and Delays in Property Access for Investigations:** Some of the major landowners along the setback levee impeded and delayed TRLIA's access to their land for field investigations. The impediments and delays in property access impacted the design in several ways:
   - Access to properties required near full time attention by GEI's field personnel during a period of about three months to coordinate and meet repeatedly with land owners, stake and re-stake investigation sites in areas that were repeatedly irrigation flooded, etc. The level of field management and coordination efforts was greater than assumed in the original scope, which had been prepared on the basis that BRI would clear access for field work.
   - The impediments to field work resulted in several driller and excavator mobilizations and demobilizations, which in turn increased the costs for drilling and backhoe subcontractors, and increased the field time for GEI staff.

- The original budget assumed that a near-complete draft of the Geotechnical Data Report would be issued with the 60% design, followed by an addendum with supplemental information from remaining explorations with the Issued-for-Approval (IFA) design. Due to the delay in property access, the draft Geotechnical Data Report had to be published prior to completion of a substantial amount of the explorations. The amount of information gathered after submittal of the initial draft required a re-issue of the complete report with the IFA design. Thus, the Geotechnical Data Report had to be issued twice.
- The delay in property access for investigations required a significant amount of re-work in the geotechnical analyses. In addition, an interim submittal of the results of the geotechnical analyses had to be prepared in late November 2007 that was not included in the original scope of work.

3) **Liquefaction Analysis:** Comments received from DWR on the 60% design required conducting a liquefaction analysis for the setback levee. Since current design criteria do not require earthquake analysis, a liquefaction analysis was not included in the original scope of work. DWR has recently stated that a liquefaction analysis should be conducted in order to evaluate levee seismic vulnerability.

4) **Changes in Design Criteria:** Comments received from DWR and the Corps have required various adjustments to the project design criteria. Such adjustments include but are not limited to:

   - Limiting the exit seepage gradient at the landside toe to 0.4 instead of 0.5 for the design flood profile (this criteria was later eliminated).
   - Limiting the exit seepage gradient at the landside toe to 0.5 with the water surface at the top of the levee (Corps comment on the 60% design package).
   - Imposing a minimum required safety factor of 1.2 for the levee landside slope with water at the top of the levee (Corps comment on the IFA design package).
   - Requiring verification of seepage gradients and stability safety factors for the 1957 water surface profile, which does not consider construction of the setback levee (Corps comment on the IFA design package).

   The evolving design criteria have required a significant amount of re-work and additional geotechnical analyses not originally contemplated in the scope of work.

5) **Pump Station No. 3 Economic Evaluation / Removal of Gravity Drain:** The initial design for Pump Station No. 3 as presented in the 60% design submittal included a gravity drain requested by RD 784. Corps reviewers requested that the gravity drain be removed from the design, and DWR reviewers requested that TRLIA conduct an economic evaluation of a gravity drain versus increased pumping. GEI conducted the economic evaluation, and the gravity drain was subsequently removed from the design, resulting in a construction cost saving of nearly $1 million. The economic evaluation was not included in the original scope of work.

6) **Pump Station No. 3 Design Modifications:** In addition to removal of the gravity drain described in Item #5 above, Pump Station No. 3 design modifications included the following:
   - Because the gravity drain was eliminated from the Pump Station No. 3 design, a fifth smaller pump was added at the request of RD 784 for pumping non-storm interior drainage water.
   - Due to recent theft and vandalism at other RD 784 pump stations, RD 784 requested that the Pump Station No. 3 design include a locked security building to house the pump station controls.

7) **Expanded Topographic Survey:** The boundary for the project topographic survey was based on the design team's understanding of the project limits in early 2007. Field investigations revealed that material in some of the identified borrow areas do not meet or only marginally meet material specifications. Additional borrow sites were identified east of Feather River Blvd (Eastern Borrow Area) that were found to generally meet specifications. Supplemental topographic mapping of this borrow area was required. This survey was received too late to incorporate into the IFA design. The impacted drawings will need to be revised to incorporate this new topography.

8) **Late Challenges and Changes to Levee Alignment:** Early in the detailed design the selected setback levee alignment was refined based on input from landowners and project personnel. These refinements included adjustments to minimize impacts to the southern residential parcels, cultural site CA-YUB-5, Anderson, T. Rice, and Danna and Danna. The detailed design scope was based on the alignment being firmed up early in the design process. However, TRLIA had to continue evaluating alternative levee alignments late during detailed design based on additional landowner's and regulator input. Impacts to the design budget included:
   - Additional borings (see Item #1 above).
   - Preparation of two technical memorandums (i.e. "Segment 2, Feather River Setback Levee Alignment" white paper, and "Technical Memorandum - Segment 2 Feather River Setback Levee Alignment, Rice-Naumes Reach").
   - Attendance at meetings with landowners, and preparation of graphics for land owner and Reclamation Board meetings.
   - The second T. Rice levee alignment modification was made in December 2007. This late alignment shift changed the setback levee stationing and required modification to about 60 drawings.

9) **Geomorphic Modeling:** Geomorphic modeling beyond the original design scope was required. The scope of work for GEI's geomorphology subconsultant PWA was increased based on the following:
   - While preparing the "Segment 2, Feather River Setback Levee Alignment" white paper, TRLIA requested that GEI compile old maps showing the historic Feather River channel alignment. GEI in turn tasked PWA with conducting research for maps showing the historical Feather River channel, and these maps were incorporated into the white paper (see Item #8 above).

- PWA's original scope of work included only a preliminary assessment of the erosion site downstream of Star Bend (just downstream of the Feather River setback levee south tie-in). The information developed during the preliminary assessment was not sufficient to provide usable recommendations. PWA's scope was subsequently increased to expand their 2-D modeling and provide a more detailed evaluation of the erosion site. The additional modeling and subsequent evaluation resulted in PWA's recommendation that the site should be monitored, but that repairs are not warranted at this time.

10) **Environmental Coordination and Permitting:** Environmental coordination and permitting requirements have been and continue to be significantly greater than originally anticipated. These impacts include:
    - Increased coordination and document preparation for the Corps 404 application due to the "Rappanos Decision."
    - ESA coordination was greater that assumed due to USFWS requirements for VELB investigations and coordination with Yuba County.
    - Section 106 coordination for site CA-YUB-5 is much greater than assumed in the scope-of work.
    - The effort required to prepare the Reclamation Board permit application was greater than anticipated due to Rec Board requests for supporting information far in excess of information requests for previous applications.
    - A CEQA addendum requiring significant coordination with outside agencies has been prepared to address changes including JTS and Uppal borrow areas, and re-construction of the Bogue Loop towers.
    - NEPA compliance has been significantly more complicated than anticipated based on the previous TRLIA NEPA documents. The original EA required significant re-writing based on comments and meetings with Corps staff. Corps staff is now requiring an Environmental Impact Statement (EIS), see item 11 below.

11) **Preparation of Environmental Impact Statement (EIS):** The Corps has recently determined that an EIS is required for NEPA compliance, and at the direction of TRLIA the GEI team is preparing the draft EIS and planning the public scoping meeting. The Corps has requested that TRLIA provide the names of three firms that are qualified to prepare the EIS, including EDAW. Indications are that the Corps will select EDAW to continue preparing the EIS, and therefore the GEI contract amendment will need to incorporate this work. The EIS scope of work will include conducting a public scoping meeting; preparation of Administrative Draft, Draft, and Final EIS's; responses to agency and public comments; preparation of draft Record of Decision; and preparation of Federal Register Notices.

12) **Increased Number of Design Drawings:** A total of 243 design drawings had to be prepared, greater than the 192 drawings assumed in the scope of work. The primary areas of change that resulted in an increased number of drawings are as follows:

- A greater number of drawings than originally anticipated was required for the Pump Station No. 3 design. A total of 48 drawings were included in the Issued for Approval design, 23 more than the 25 drawings assumed in the original scope of work. The cost of this drawing increase is partially covered by the Pump Station No. 3 design changes discussed above in Item #6.
- As a result of Corps and DWR review comments, the design of the north and south tie-ins had to be revised and became more complex than anticipated when the scope of work was developed. Based on experience with the Bear River Setback Levee, it had been assumed that 4 drawings would be sufficient to detail the tie-ins. The Issued-for-Approval design included 15 drawings for the tie-ins, 11 more than originally assumed.
- The significance of impacts to internal drainage was not fully understood prior to initiating detailed design. Due to the relatively large drainage area and flows cut off by the setback levee, a large ditch with multiple bridge crossings was required along the full length of the setback levee. Bridges of various sizes had to be provided to meet RD 784 access needs. The design of these drainage features required 9 drawings. The original scope of work assumed only 4 drawings would be required for the drainage facilities.
- Based on a preliminary hydraulic assessment, the preliminary design envisioned that only a portion (less than half) of the existing levee would need to be removed. Hydraulic evaluations conducted during detailed design determined that over 80% of the existing levee would need to be removed. In addition, it appears that all or nearly all of the entire existing levee will need to be removed to backfill borrow areas. The increased length of levee to be removed resulted in an increase from 8 to 18 design drawings required to show the levee removal.

13) **Extended Schedule for Design Management, Coordination and Controls:** The contracted scope of work assumed completion of the design and start of construction in mid March 2008. The complications and delays in permitting (Corps and Central Valley Flood Protection Board) and funding (affecting primarily land acquisition and consequently site access) are extending the schedule of the design and pre-construction phase from March to potentially August 2008. This delay will entail about five months of additional activities pertaining to TRLIA support, engineering management, scheduling, cost engineering, coordination with the construction contractor, and interfacing with the Corps of Engineers, Central Valley Flood Protection Board, and DWR.

14) **Phase 2 Environmental Site Assessment:** The contracted scope of work assumed that TRLIA would perform a Phase 1 Environmental Site Assessment, and that any resulting recommendations for further evaluations and any cleanup measures would be implemented as part of the construction activities. This approach was the same as that successfully adopted for the Bear River Setback Levee. However, for the Feather River setback levee the Corps is requiring that prior to starting construction TRLIA perform further evaluations in the form of a Phase 2 Environmental Site Assessment.

This Phase 2 Environmental Site Assessment was not part of the original scope of work.

15) **Reduction in Design of Environmental Enhancement Measures:** The requirements for environmental enhancement measures have been substantially reduced from the original scope of work. The reduced scope of work is summarized as follows:
    - Giant Garter Snake (GGS) Mitigation – The original scope of work included detailed design of GGS mitigation habitat in a potential borrow area / detention basin east of Feather River Blvd. During detailed design it was determined that a detention basin was not needed, and the identified site had only marginally suitable soil for levee construction. Therefore the site was not developed and TRLIA plans to purchase offsite GGS mitigation credits.
    - Conceptual Design of Ecosystem Restoration – The original scope of work included preparation of a Restoration Plan, and support to TRLIA with restoration contractor bid solicitation. Subsequently TRLIA has engaged River Partners directly in restoration planning, and therefore the scope of work has reduced to engineering, permitting and restoration development support to TRLIA and River Partners.

16) **Efficiencies in Preparation of Design Drawings and Specifications:** Experience with the Bear River setback levee has resulted in efficiencies in the preparation of drawings and specifications for the Feather River setback levee. These efficiencies translate into lower than budgeted engineering hours required on average to complete each drawing and specification.

Attachment 2
Feather River Levee Repair Project, Segment 2 Setback Levee
Scope and Budget Conformance Summary
Revised 3/4/08

Work Item		Task	Estimated Cost							Comments/Assumptions (See text summary for detailed description)
			GEI Costs				GEI Subcontractor		Total	
			Hours	Rate	Labor Cost	ODC	Subcont.	Cost		
Segment 2 Setback Levee										
1	Increased Number of Test Borings and Test Pits	5013 - Investigations	570	120	68,400	7,500	Various	139,200	215,100	- Costs have been expended - Subcontractor costs based on driller unit costs per hole and backhoe operator cost per day - GEI labor based on estimated level of effort
2	Difficulties and Delays in Property Access for Investigations	5013 - Investigations	360	140	50,400	3,000	Various	20,000	73,400	- Costs have been expended - Based on estimated level of effort
		5014 - Geotechnical Data Report	300	110	33,000	10,000			43,000	
		5021 - Engineering Analyses	500	130	65,000	10,000			75,000	
3	Liquefaction analysis	5021 - Engineering Analyses	200	140	28,000				28,000	- Costs have been expended - Based on estimated level of effort
4	Changes in Design Criteria	5021 - Engineering Analyses	320	130	41,600				41,600	- Costs have been partially expended - Based on estimated level of effort
5	Pump Station No. 3 Economic Evaluation / Removal of Gravity Drain	5021 - Engineering Analyses	160	165	26,400	1,000			27,400	- Costs have been expended - Based on estimated level of effort
6	Pump Station No. 3 Design Modifications	5025 - Design/Drawings	20	180	3,600		MHM	28,750	32,350	- Costs have been mostly expended - Based on estimate provided by MHM and estimated GEI labor level of effort
7	Expanded Topographic Survey of Platter Properties	5013 - Investigations			0		MHM	15,698	15,698	- Costs have been mostly expended - Based on estimate provided by MHM and on GEI estimated level of effort
		5025 - Design/Drawings	40	120	4,800				4,800	
8	Late Challenges and Changes to Levee Alignment	5050 - PM	160	170	27,200	3,000			30,200	- Costs have been expended - Based on estimated level of effort
		5025 - Design/Drawings	240	130	31,200	1,000			32,200	
9	Geomorphic Modeling	5023 - Geomorphic Modeling	40	180	7,200		PWA	49,000	56,200	- Costs have been mostly expended - Based on estimate provided by PWA, and estimated GEI labor level of effort
10	Environmental Coordination and Permitting	5040 - Permitting	120	180	21,600		EDAW	227,000	248,600	- Costs have been expended - Based on estimate provided by EDAW and GEI labor level of effort
11	Preparation of Environmental Impact Statement (EIS)	5040 - Permitting	120	180	21,600		EDAW	158,309	179,909	- Costs are projected and have not been expended - Based on estimate provided by EDAW and GEI labor level of effort
12	Increased Number of Design Drawings	5025 - Design/Drawings	1750	120	210,000				210,000	- Costs have been expended - Based on estimated level of effort
13	Extended Schedule for Design Management, Coordination and Controls	5050 - Project Management	460	180	82,800				82,800	- Costs are projected and have not been expended - Based on estimated level of effort
14	Phase 2 Site Assesment	5015 - Phase 1 ESA	360	130	46,800	3,200	Backhoe, Lab	25,000	75,000	- Costs have not been expended - Based on estimated level of effort
15	Design of Environmental Enhancement Measures	5024 - Design of Environmental Enhancement Measures			0		EDAW	-253,854	-253,854	- Eliminated GGS habitat design and 75% of restoration planning budget
16	Efficiencies in Preparation of Design Drawings and Specifications	Miscellaneous							-581,141	- Efficiencies obtained from commonalities with BRSL design
Estimated Total - Segment 2 Setback Levee									**$636,262**	

Attachment 3
Feather River Levee Repair Project, Segment 2 Setback Levee
Estimated Cost to Complete Design and Permitting - Based on Actual GEI Costs as of 2/15/08 plus Estimated Level of Effort
Revised 3/4/08

Work Item	Estimated Cost to Complete Project (2/15/08 to 8/1/08)							Comments/Assumptions
	GEI Costs (2/15/08 to 8/1/08)				GEI Subcontractors (1/15/08 to 8/1/08)		Total	Subcontractor costs lag one month behind GEI labor
	Hours	Rate	Labor Cost	ODC	Subcontractor	Cost		
Segment 2 Setback Levee								
Finalize Drawings: Issue for Construction	808	120	96,960	10,000	MHM	29,000	135,960	- GEI - Assume 4 hrs per drawing, 202 drawings - MHM - Assume remaining budget
Setback Area Drainage	80	120	9,600				9,600	- Estimated level of effort
Cutoff Wall Modifications	40	120	4,800				4,800	- Estimated level of effort
Pump Station No. 3 Mud Mat	40	120	4,800				4,800	- Estimated level of effort
Platter Borrow Area - Merge Topo	40	120	4,800				4,800	- Estimated level of effort
Platter Borrow Area - Post Grading	40	120	4,800				4,800	- Estimated level of effort
Ella Basin - Topo	40	120	4,800		MHM	10,000	14,800	- Estimated level of effort
Ella Basin - Post Grading	40	120	4,800				4,800	- Estimated level of effort
Complete Geotechnical Analysis	692	120	83,040				83,040	- Estimated level of effort
Perform Additional Investigations	32	140	4,480	1,000	Driller	7,500	12,980	- Estimated level of effort
Prepare Geotechnical Data Report Addendum	160	120	19,200	5,000			24,200	- Estimated level of effort
Prepare Response to Comments	40	160	6,400				6,400	- Estimated level of effort
Prepare Design Report Addendum	160	120	19,200	5,000			24,200	- Estimated level of effort
Issue Specification for Construction	40	180	7,200	3,000			10,200	- Estimated level of effort
Project Cost Estimates / Schedules	160	160	25,600		Estimator	4,000	29,600	- Estimated level of effort
Support Borrow Material Negotiation	60	180	10,800				10,800	- Estimated level of effort
Support Contracting / Pre-Construction	60	180	10,800				10,800	- Estimated level of effort
Support Utility Relocations	80	160	12,800				12,800	- Estimated level of effort
Support ROW Acquisition	80	180	14,400				14,400	Includes: - Nordic Borrow - Naumes Wastewater - Naumes low point - Neischultz ROW
Permitting - EA and Other	40	180	7,200		EDAW	90,000	97,200	EDAW Budget and GEI estimated level of effort
Permitting - EIS	120	180	21,600		EDAW	160,000	181,600	EDAW Budget and GEI estimated level of effort
Support Restoration/Mitigation/Farming	80	160	12,800		EDAW	14,000	26,800	- Estimated level of effort
Restoration Opportunities Memo	16	180	2,880		PWA	38,000	40,880	PWA Budget and GEI estimated level of effort
Phase 2 Site Assessment	360	130	46,800	3,200	Backhoe, Lab	25,000	75,000	
Project Management	560	180	100,800	5,000			105,800	- assume ~19k/mth thru early August
FEMA Certification	180	166	29,880		PBS&J	39,100	68,980	- Task budget - Will need reevaluation based on evolving FEMA and Corps certification requirements
Estimated Cost to Complete Design and Permitting			571,240	32,200		416,600	**$1,020,040**	

Setback Levee Budget Conformance:

Total Setback Levee Design Budget (Amendment 5) =	$5,860,244	
Total Invoiced to TRLIA (as of 1/26/08) =	$5,379,216	(per Invoice GEI Invoice No. 704025 dated 2/6/08)
Budget Expended 1/26/08 - 2/15/08 =	$97,250	
Remaining Budget as of 2/15/08 =	$383,778	
Estimated Cost to Complete Project 2/15/08 to 8/1/08 =	$1,020,040	(from table above)
Estimated Required Budget Augmentation =	**$636,262**	

FEE SCHEDULE

Personnel Category	Hourly Billing Rate $ per hour
Staff Professional – Grade 1	$ 86
Staff Professional – Grade 2	$ 96
Project Professional – Grade 3	$ 106
Project Professional – Grade 4	$ 118
Senior Professional – Grade 5	$ 140
Senior Professional – Grade 6	$ 160
Senior Professional – Grade 7	$ 189
Senior Consultant – Grade 8	$ 212
Senior Consultant – Grade 9	$ 261
Senior Principal	$ 315
Senior CADD Drafter and Designer	$ 106
CADD Drafter / Designer and Senior Technician	$ 96
Technician, Word Processor, Administrative Staff	$ 78
Office Aide	$ 62

These rates are billed for both regular and overtime hours in all categories.
Rates will increase up to 5% annually, at GEI's option, for all contracts that extend beyond twelve (12) months after the date of the contract.

OTHER PROJECT COSTS

Subconsultants, Subcontractors and Other Project Expenses - All costs for subconsultants, subcontractors and other project expenses will be billed at cost plus a 15% service charge. Examples of such expenses ordinarily charged to projects are subcontractors; subconsultants: chemical laboratory charges; rented or leased field and laboratory equipment; outside printing and reproduction; communications and mailing charges; reproduction expenses; shipping costs for samples and equipment; disposal of samples; rental vehicles; fares for travel on public carriers; special fees for insurance certificates, permits, licenses, etc.; fees for restoration of paving or land due to field exploration, etc.; state sales and use taxes and state taxes on GEI fees.

Billing Rates for CADD and Specialized Technical Computer Programs – Computer usage for CADD and specialized technical programs will be billed at a flat rate of $10.00 per hour in addition to the labor required to operate the computer.

Field and Laboratory Equipment Billing Rates – GEI-owned field and laboratory equipment such as pumps, sampling equipment, monitoring instrumentation, field density equipment, portable gas chromatographs, etc. will be billed at a daily, weekly, or monthly rate, as needed for the project. Expendable supplies are billed at a unit rate.

Transportation and Subsistence - Automobile expenses for GEI or employee owned cars will be charged at the rate per mile set by the Internal Revenue Service for tax purposes plus tolls and parking charges. When required for a project, four-wheel drive vehicles owned by GEI or the employees will be billed at a daily rate appropriate for those vehicles. Per diem living costs for personnel on assignment away from their home office will be negotiated for each project.

PAYMENT TERMS

Invoices will be submitted monthly or upon completion of a specified scope of service, as described in the accompanying contract (proposal, project, or agreement document that is signed and dated by GEI and CLIENT).

Payment is due upon receipt of the invoice. Interest will accrue at the rate of 1% of the invoice amount per month, for amounts that remain unpaid more than 30 days after the invoice date. All payments will be made by either check or electronic transfer to the address specified by GEI and will include reference to GEI's invoice number.