

AMENDMENT NO. 14

AGREEMENT FOR PROFESSIONAL SERVICES  
BETWEEN  
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY  
AND  
MBK ENGINEERS

THIS FOURTEENTH AMENDATORY AGREEMENT is made and entered into this \_\_\_\_ day of December, 2009, by and between the THREE RIVERS LEVEE IMPROVEMENT AUTHORITY ("TRLIA") and MBK ENGINEERS ("CONTRACTOR"), who agree as follows:

1. **Recitals.** This Amendment is made with reference to the following background recitals:
  - 1.1. Effective August 23, 2003, the parties entered into an agreement ("AGREEMENT") to provide basic services with a contract value of \$55,800 and an end date of February 3, 2004.
  - 1.2. Effective September 11, 2003, the parties entered into Amendment 1 to the AGREEMENT in the amount of \$8,000 for a total contract value of \$63,800.
  - 1.3. Effective January 6, 2004, the parties entered into Amendment 2 to the AGREEMENT in the amount of \$30,000 for a total contract value of \$93,800.
  - 1.4. Effective March 19, 2004, the parties entered into Amendment 3 to the AGREEMENT in the amount of \$45,400 for a total contract value of \$139,200 and to extend the contract end date to March 30, 2004.
  - 1.5. Effective April 22, 2004, the parties entered into Amendment 4 to the AGREEMENT in the amount of \$50,100 for a total contract value of \$189,300 and to extend the contract end date to July 31, 2004.
  - 1.6. Effective August 3, 2004, the parties entered into Amendment 5 to the AGREEMENT in the amount of \$8,000 for a total contract value of \$197,300 and to extend the contract end date to September 7, 2004.
  - 1.7. Effective October 6, 2004, the parties entered into Amendment 6 to the AGREEMENT in the amount of \$97,650 for a total contract value of \$294,950 and to extend the contract end date to December 7, 2004.
  - 1.8. Effective January 26, 2005, the parties entered into Amendment 7 to the AGREEMENT in the amount of \$35,000 for a total contract value of \$329,950 and to extend the contract end date to April 30, 2005.
  - 1.9. Effective March 15, 2005, the parties entered into Amendment 8 to the AGREEMENT in the amount of \$108,200 for a total contract value of \$438,150.
  - 1.10. Effective September 6, 2005, the parties entered into Amendment 9 to the AGREEMENT in the amount of \$187,200 for a total contract value of \$625,350 and to extend the contract end date to July 31, 2006.
  - 1.11. Effective April 18, 2006, the parties entered into Amendment 10 to the AGREEMENT in the amount of \$549,359 for a total contract value of \$1,174,709 and to extend the contract end date to December 31, 2006.
  - 1.12. Effective December 12, 2006, the parties entered into Amendment 11 to the AGREEMENT in the amount of \$707,980 for a total contract value of \$1,882,689 and to extend the contract end date to December 31, 2007.

- 1.13. Effective January 8, 2008, the parties entered into Amendment 12 to the AGREEMENT in the amount of \$629,056 for a total contract value of \$2,511,745 and to extend the contract end date to December 31, 2008.
- 1.14. Effective January 27, 2009, the parties entered into Amendment 13 to the AGREEMENT in the amount of \$572,472 for a total contract value of \$3,084,217 and to extend the contract end date to December 31, 2009.
- 1.15. The parties now desire to amend the AGREEMENT to modify the scope of services, total contract value and contract end date.

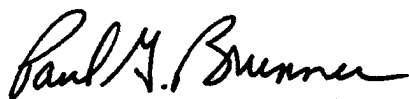
**2. Fourteenth Amendment to Agreement.** The AGREEMENT is hereby amended as follows:

- 2.1. The scope of services is amended by the scope of work as described in Attachment A.
- 2.2. The total contract value is amended in the amount of \$569,020 for a total contract value of \$3,653,237.
- 2.3. The contract end date is extended to December 31, 2010

**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  
DECEMBER 15, ~~2010~~  
 2009.

THREE RIVERS LEVEE IMPROVEMENT  
 AUTHORITY OF YUBA COUNTY



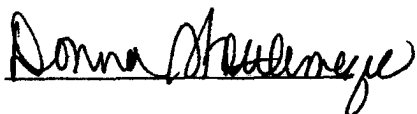
Paul G. Brunner  
 Executive Director

MBK ENGINEERS

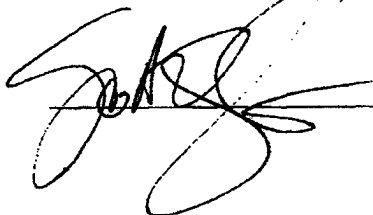


Ric Reinhardt  
 Principal

ATTEST:  
 DONNA STOTTLEMEYER  
 SECRETARY, THREE RIVERS



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



**AMENDMENT 14 TO TRLIA/MBK CONTRACT**  
**Scope of Work**

The following is a general level of estimated involvement from January 1, 2010 to December 31, 2010.

**Task 1 – Program Management Activities**

- Project Management Meetings – Coordinate agendas, participate in teleconferences, and attend meetings as required. **Effort – 4 hrs/month**
- Coordination with CVFPB – Meet with staff and coordinate on permit issues, program issues, and financing issues. **Effort – 4 hrs/month**
- Coordination with the Corps and FEMA on FEMA certification issues. **Effort – 8 hrs/month**
- General Coordination – Coordination on project issues with TRLIA staff, floodplain mapping outreach, land use adjacent to levees, public meetings, prepare PowerPoint presentations, prepare other correspondence, coordination and meetings with stakeholders, and Board Meetings. **Effort – 14 hrs/month**

<b>Task 1</b>		
Principal Engineer	30 hrs @ \$220/h	\$6,600
Expenses		\$ 200
Total		\$6,800 per month

Total Cost = \$81,600

**Task 2 – Design Management Activities**

- Technical Meetings and Coordination – Participate in weekly conference calls with design teams, coordinate and participate in design issues resolution, attend field conferences on design issues. **Effort – 78 hrs/month**
- Coordination with CVFPB – Prepare monthly status reports and provide information to Board as needed. **Effort – 10 hrs/month**
- General Coordination – Coordination on project issues with TRLIA staff, public meetings, prepare correspondence in support of Program Manager, coordination with RD 784, coordination and meetings with stakeholders. **Effort – 32 hrs/month**

<b>Task 2</b>		
Supervisory Engineer	120 hrs @ \$187/h	\$22,440
Total		\$22,440 per month

Total Cost = \$269,280

**Task 3 – Mapping Support**

- Prepare and update maps and figures that show all project features in RD 784. **Effort – 13 hrs/month**
- Prepare maps as needed for presentation and meetings. **Effort – 13 hrs/month**

<b>Task 3</b>		
Junior Engineer	26 hrs @ \$138/h	\$3,588
Expenses		\$ 212
Total		\$3,800 per month

Total Cost = \$45,600

**Task 4 – Grant Support**

- Continue to meet with County to be certain that TRLIA invoices are coded to the correct accounts for DWR Grant purposes. **Effort – 10 hrs/month**

<b>Task 4</b>		
Project Manager	10 hrs @ \$197/h	\$1,970
Expenses		\$ 100
Total		\$2,170 per month

Total Cost = \$26,040

**Task 5 – Goldfields Analysis**

- Conduct surveying of the features in the Goldfields.
- Perform hydraulic modeling to determine flows that may potentially exit the Goldfields.
- Create floodplain maps showing 100-year and 200-year floodplains from the Goldfields.
- QA/QC model and mapping results
- Coordinate effort with CVFPB and Corps

<b>Task 4</b>		
Principal Engineer	140 hrs @ \$220/h	\$ 30,800
Senior Engineer	240 hrs @ \$200/h	\$ 48,000
Assistant Engineer	240 hrs @ \$140/h	\$ 33,600
GIS Specialist	80 hrs @ \$140/h	\$ 11,200
3-Man Survey Crew	80 hrs @ \$230/h	\$ 18,400
Expenses		\$ 4,500
Total		\$146,500

Total Cost = \$146,500

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**Total Amendment 14 Costs for Tasks 1-5 = \$569,020 for the period  
January 1, 2010 to December 31, 2010.**

The AGREEMENT shall be amended to extend the contract end date to December 31, 2010.

The AGREEMENT shall be amended to increase the price ceiling for basic services by \$569,020  
from \$3,084,217 to \$3,653,237

All other terms and conditions contained in the Agreement shall remain in full force and effect.