CALL TO ORDER: Welcome to the Three Rivers Levee Improvement Authority (TRLIA) meeting. As a courtesy to others, please turn off cell phones, pagers, or other electronic devices which might disrupt the meeting. Thank you.

I  ROLL CALL – Directors Atwal, Brown, Griego, Nicoletti, Ritchie

II  PUBLIC COMMUNICATIONS: Any person may speak about any subject of concern within the jurisdiction of TRLIA which is not on today’s agenda. The total amount of time allotted shall be limited to a total of 15 minutes and each individual or group will be limited to no more than 5 minutes. Prior to this time, speakers are requested to fill out a “Request to Speak” card and submit it to the secretary.

III  CONSENT AGENDA: Matters listed are considered to be routine and can be enacted by one motion.

   A. Approve minutes of the meeting of September 27, 2016.

   B. Approve Amendment No. 1 extending contract to December 31, 2018 with Sacramento Valley Conservancy for consulting services and authorize Executive Director to execute upon review and approval of Counsel.

IV  ACTION ITEMS

   A. Adopt Operation and Maintenance Plan for the Goldfields 100-year Interim Project.

   B. Approve Amendment No. 10 in the amount of $287,200 to agreement with Handen Company Inc. for construction management services and authorize Executive Director to execute upon review of Counsel.

V  BOARD AND STAFF MEMBER REPORTS

VI  ADJOURN
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

SEPTEMBER 27, 2016

MINUTES

A meeting of the Board of Directors of the Three Rivers Levee Improvement Authority (TRLIA) was held on the above date, commencing at 2:11 p.m., within the Government Center, Marysville, California, with a quorum being present as follows: Directors Rick Brown, John Nicoletti, and Edward Ritchie. Directors Sarbdeep Atwal and Mary Jane Griego were absent. Also present were Executive Director Paul Brunner, Counsel Andrea Clark, and Secretary/Clerk of the Board of Supervisors Donna Stottlemeyer. Vice Chair Brown presided.


II  CONSENT AGENDA: Matters listed are considered to be routine and can be enacted by one motion.

   MOTION: Move to approve     MOVED: John Nicoletti     SECOND: Edward Ritchie
   AYES: Rick Brown, John Nicoletti, Edward Ritchie
   NOES: None                 ABSTAIN: None          ABSENT: Mary Jane Griego, Sarbdeep Atwal

A. Approve meeting minutes of September 13, 2016. Approved.

III  ACTION ITEMS

A. Approve Assignment and Assumption Agreement with Sierra View Landscape Inc. dba Restoration Resources and Amendment No. 4 extending the agreement to December 31, 2017 for environmental services for the Anderson mitigation site and authorize the Executive Director to execute upon review and approval of Counsel. Executive Director Paul Brunner recapped the change in ownership and responded to inquiries.

   MOTION: Move to approve     MOVED: John Nicoletti     SECOND: Edward Ritchie
   AYES: Rick Brown, John Nicoletti, Edward Ritchie
   NOES: None                 ABSTAIN: None          ABSENT: Mary Jane Griego, Sarbdeep Atwal

B. Ordinance - Hold hearing, waive reading, and adopt ordinance providing public access to TRLIA Feather Setback Area and associated rules of conduct. (Second Reading) Executive Director Paul Brunner advised of addition of no discharge of firearms to item four of section two and responded to inquiries. Vice Chair Brown opened the public hearing. No public present.

   MOTION: Move to close hearing, waive reading adopt ordinance.
   MOVED: John Nicoletti     SECOND: Edward Ritchie
   AYES: Rick Brown, John Nicoletti, Edward Ritchie
   NOES: None                 ABSTAIN: None          ABSENT: Mary Jane Griego, Sarbdeep Atwal

Adopted Ordinance No. 5 which is on file in the Yuba County Clerk of the Board of Supervisors office.
IV BOARD AND STAFF MEMBERS REPORTS

Executive Director Paul Brunner: Retaining ownership of Agricultural properties within Feather River setback area

VI ADJOURN: 2:43 p.m.

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

______________________________
Chair

______________________________
Approved:
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY
1114 Yuba Street, Suite 218
Marysville, CA 95901
Office (530) 749-7841 Fax (530) 749-6990

October 25, 2016

TO: Three Rivers Levee Improvement Authority Board
FROM: Paul G. Brunner, Executive Director
Andrea Clark, General Counsel

SUBJECT: Sacramento Valley Conservancy (SVC) Contract Extension (Amendment 1)

Recommended Action
Approve Amendment 1 to existing contract with SVC which extends contract termination date December 31, 2018, and authorize the executive director to sign and execute the amendment once General Counsel has reviewed and approved.

Background:
On November 27, 2012 the TRLIA Board adopted TRLIA Resolution 2012-14, which appointed the TRLIA Executive Director as agent to conduct all negotiations, execute and submit all documents including, but not limited to, applications, agreements, and payment requests and so on, which may be necessary for the completion of the California Flood Safe Environmental Stewardship and Statewide Resources Office (FESSRO) project in the Feather River Setback Area. FESSRO was created in 2009 to integrate environmental stewardship and flood management and has recently (2016) been integrated back into DWR. FESSRO’s Floodway Ecosystem Sustainability Branch provided support on environmental issues for the 2012 Central Valley Flood Protection Plan (Plan) by developing an attachment to the Plan that addresses conservation in the context of flood risk reduction.

In early 2013 TRLIA with support from River Partners submitted the full project proposal to FESSRO for consideration. The proposal was to create a 500 Acre Advance Mitigation Habitat Area in the Feather Setback Area. The proposed cost of the project was $4,440,000, which included no additional local cost share. The project benefits to TRLIA include the combining the management and existing trust/endowments funds of the TRLIA Bear Setback and Feather Setback existing Ecological Mitigation Sites into one more cost effective agreement. For better habitat and floodway cost effectiveness the management of the Bear River and Feather River Setback Areas were connected to the FESSRO Advanced Mitigation Site.

In May 2013 FESSRO selected the TRLIA Feather Setback Project for funding.

On May 6, 2014 TRLIA approved a $227,725 contract with SVC to prepare documents which establishes: 1) a mechanism (such as a Bank Enabling Instrument) for the creation of advanced mitigation credits and Credit Approval for the TRLIA FESSRO Advanced Mitigation Bank, and 2) prepare documentation for the long term management of the Bear River and Feather River Setback areas.
Discussion
SVC’s services will continue to be needed into 2018. The current contract has a termination date of December 31, 2016. This contract needs to be extended through December 31, 2018. Amendment 1, attached, extends the contract termination date to December 31, 2018. No increase in budget is proposed at this time.

Fiscal Impact: No increase in budget is proposed so there is no fiscal impact. The State is funding 100% of this contract via the TRLIA FESSRO funding agreement.

Attachment:
1. Amendment 1
AMENDMENT NO. 1

AGREEMENT FOR PROFESSIONAL SERVICES
FOR
ENGINEERING SERVICES
BETWEEN
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY AND
SACRAMENTO VALLEY CONSERVANCY

THIS FIRST AMENDATORY AGREEMENT is made effective ____________, 2016,
by and between Three Rivers Levee Improvement Authority (“TRLIA”) and Sacramento Valley
Conservancy (“Consultant”), who agree as follows:

1. **Recitals.** This Amendment is made with reference to the following background recitals:
   
   1.1. Effective June 4, 2014 the parties entered into an Agreement for Professional
       Services relating to Consulting Services for TRLIA’s Levee Improvement Program.
   
   1.2. Article C.24 of the AGREEMENT, states that modifications or amendments to the
       terms of the AGREEMENT shall be in writing and executed by both parties;
   
   1.3. TRLIA and the CONSULTANT desire to amend the AGREEMENT;

NOW, THEREFORE, TRLIA and the CONSULTANT agree as follows.

2. **First Amendment to Agreement.** The Professional Services Agreement is hereby
   amended as follows:
   
   2.1. Operative Provision 2 of the AGREEMENT shall be revised to change the
       Termination Date from December 31, 2016 to December 31, 2018.

3. **No Effect on Other Provisions.** Except for the amendment 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 _______________, 2016.

THREE RIVERS LEVEE
IMPROVEMENT AUTHORITY

SACRAMENTO VALLEY CONSERVANCY

__________________________
Paul G. Brunner, P.E.
Executive Director

__________________________
Aimee Rutledge
Executive Director

ATTEST:
DONNA STOTTERMAYER
SECRETARY, THREE RIVERS

APPROVED AS TO FORM:
ANDREA P. CLARK
GENERAL COUNSEL, TRLIA

__________________________

__________________________
October 25, 2016

TO: Three Rivers Levee Improvement Authority Board
FROM: Paul G. Brunner, Executive Director (SB)
       Doug Handen, O&M Manager
       Larry Dacus, Design Manager
SUBJECT: Yuba Goldfields 100-Year Interim Project, Adopt Operation and Maintenance (O&M) Plan

Recommended Action:
Adopt the attached Operation and Maintenance (O&M) Plan for the Goldfields 100-Year Interim Project. O&M will be done by TRLIA.

Background:
TRLIA has completed the largest portion of the Goldfields 100-Year Interim Project. Enlargement of Crossing 21 remains to be done but will be accomplished this winter. The TRLIA Board approved TRLIA maintenance of this project at their May 19, 2015 Board Meeting.

Discussion:
All flood protection projects require operation and maintenance as well as a plan for actions during high flow events. These plans are generally described in an O&M Plan. TRLIA Staff have prepared the attached O&M Plan for the Goldfields 100-Year Interim Project. This plan describes personnel responsible for O&M, provides direction for monthly inspections, periodic monitoring of significant erosion sites along the South Bank of the Yuba River in the Goldfields, and describes actions to be taken during high flow events and the conditions to initiate the high flow actions. The TRLIA Board is requested to adopt the attached O&M Plan for the Goldfields 100-Year Interim Project.

Fiscal Impact/Funding:
Funding for the O&M effort will come from TRLIA local funds and is currently estimated to be $75,000 annually.

Attachment:
Three Rivers Levee Improvement Authority, Goldfields 100-Year Interim Flood Risk Reduction Project, Operations, Maintenance and Emergency Actions Requirements, dated September 22, 2016
THREE RIVERS
LEVEE IMPROVEMENT AUTHORITY
GOLDFIELDS 100-YEAR INTERIM
FLOOD RISK REDUCTION PROJECT

OPERATIONS, MAINTENANCE AND EMERGENCY ACTIONS REQUIREMENTS

Prepared for: Three Rivers Levee Improvement Authority
Prepared by: Handen Co. and MBK Engineers

September 22, 2016
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## Attachments:

1. Western Aggregates Co-Operation Agreement  
2. Cal-Sierra Co-Operation Agreement  
3. Embankment As-Builts Showing Alignment and Grades  
4. Inspection Report Format  
5. Transect Monitoring Locations  
6. Transect Monitoring Report Format  
7. High Water Event Report Format  
8. Emergency Contacts  
9. Embankment and Monitoring Access Locations  
10. Signage Information  
11. RD 784 Safety Plan
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

GOLDFIELDS 100-YEAR INTERIM FLOOD RISK REDUCTION PROJECT

OPERATIONS, MAINTENANCE AND EMERGENCY ACTIONS REQUIREMENTS

SEPTEMBER 22, 2016

OPERATIONS AND MAINTENANCE AUTHORITY

The Operations and Maintenance (O&M) of the Goldfields 100-Year Interim Flood Risk Reduction Project will be performed by the Three Rivers Levee Improvement Authority (TRLIA) under the provisions specified in TRLIA Co-operation Agreements with Western Aggregate, and Cal-Sierra (Attachments 1 & 2).

TRLIA O&M TEAM

The TRLIA O&M Team consists of the Executive Director, the O&M Manager, and the Design Manager. The O&M Manager and the Design Manager work under the direction of the Executive Director. The O&M Manager directs all inspections, repairs, and patrols and is responsible for arranging monthly inspections, arranging needed maintenance, maintaining signage, arranging for transect monitoring as described in these O&M Requirements, arranging and initiating flood patrols as described in these O&M Requirements, and initiating flood actions as needed. The O&M Manager will keep the TRLIA O&M Team informed on project conditions and needed maintenance and flood actions. The Design Manager will advise the O&M Manager on the requirements and specifications for any actions which will reestablish or significantly alter embankment geometry.

EMBANKMENT MAINTENANCE

The embankment for the 100-Year Interim Project is constructed from dredge tailings at a minimum geometry and elevation to contain 100-year flood flows in the Yuba River. The embankment alignment and final grades are shown on the project as-buils, Attachment 3. O&M Activities will maintain the as-built alignment and geometry. Regular O&M activities consist of inspections, weed abatement, and patrol road maintenance along the embankment. The patrol road constructed on top of the embankment will be accessed as shown in Attachment 9 and be used to access the length of the embankment during normal O&M activities and during high flow events for patrol and flood fighting purposes. Crossing 21 will be accessed by the normal access roads shown in Attachment 9. Any additional material needed for reestablishing embankment geometry can come from the same borrow areas used to initially construct the embankments, see Attachment 3.

Inspections to verify embankment integrity, to identify any trash that may be dumped on the site, or to identify damage caused by vandalism along the embankments as a result of unauthorized access will be conducted approximately once a month by one person driving the length of the
southwest embankment and inspecting Crossing 21. Photos documenting inspection will be taken. To prevent potential weed establishment, herbicides will be applied as needed along the patrol road of the southwest embankment in accordance with applicable rules and regulations. Grading and replacement of patrol road aggregate will occur in areas along the embankment as needed. Woody vegetation above the embankment toe, on the slope or crown of the embankments, greater than one inch in diameter will be removed within six months of discovery. It is expected that periodic replacement of aggregate would result in replacement of all of the aggregate along the entire patrol road once every 10 years. Inspections will look for damage to access gates, check patrol road for wear, check for excessive vegetation, check the embankments for damage or slumps, check for signs of trespassing, and check for illegal dumping along the embankments. Inspection reports will be prepared and filed with TRLIA after each inspection. See Attachment 4 for report format. Inspections will be accomplished by TRLIA Staff or Consultants retained by TRLIA. The TRLIA O&M Team will review each inspection report and take corrective actions if needed.

SIGNAGE

Appropriate signage at entry points will be in place to inform the public that unauthorized vehicle access on the embankment is not permitted and that the public is to remain off of the embankment. These signs will be maintained by TRLIA. Speed limit signs along the embankment will be installed as necessary and maintained by TRLIA. Signage information is shown in Attachment 10.

TRANSECT MONITORING

TRLIA established erosion monitoring transects at Site B, Site F, and Site J along the Yuba River South Bank Tailings Embankment and surveyed baseline conditions in November 2013. The locations of these transect monitoring sites is given in Attachment 5. These transects will be re-surveyed by TRLIA every 5 years and after any event which exceeds the 10-year flood event discharge of 93,000 cubic feet per second (cfs) at the Marysville Gage. The O&M Manager is responsible for arranging the periodic transect monitoring. The periodic transect monitoring will be accomplished by MHM Engineers under contract to TRLIA. After each re-survey a transect report containing monitoring results and recommendations will be prepared and filed with TRLIA. See Attachment 6 for report format. The TRLIA O&M Team will review each transects report and take action as needed.

If retreat of the crest of 20 feet or more is observed at Site F or 40 feet or more at Site J, the TRLIA O&M Team will confer and decide if the embankment should be reevaluated and whether corrective actions will be initiated during the next construction season as necessary. Corrective actions could consist of enlarging the eroded embankment cross section or providing erosion protection at the toe of the eroding site. Site B is monitored just to document erosion changes. A breach at Site B or Site F is contained by the 100-Year Interim Flood Risk Reduction Project for the 100-Year Event.
FLOOD PATROLS

During periods of high flow the southwest embankment will be patrolled to look for potential flooding issues such as erosion, seepage, or overtopping. Crossing 21 and the Hammonton Crossing of Pool 17 will also be inspected to check for any problems. These patrols are expected to occur on the average of once every 10 years. The entire length of the embankment will be traveled once every 4 hours during a high flow event, which would be expected to last 5 days on average. The O&M Manager will arrange for these patrols and will contract for and manage personnel for the patrols or utilize RD 784 Staff under contract to TRLIA. Patrol personnel will report conditions observed to the O&M Manager daily. The O&M Manager will provide this condition report to the TRLIA O&M Team and RD 784 daily.

It is probable that during a large flood event, RD 784 will activate its Incident Command Post. TRLIA will utilize the RD 784 Emergency Process to share information on conditions in the Goldfields and to keep apprised on levee conditions elsewhere in the RD 784 Levee System. If flood threat conditions develop in the Goldfields, patrol personnel will contact the RD 784 Incident Command Post and the TRLIA O&M Manager. Emergency contact numbers are shown on Attachment 8.

Conditions at Crossing 21 and at Hammonton Crossing will also be inspected to check for erosion, seepage, or overtopping issues. Site F and Site J will be difficult to physically access during a flood event. Retreat evaluations have determined that it is unlikely that these sites would completely breach during the first large flood event, so physical observation during a flood event is not absolutely necessary.

The Marysville Gage (http://www.cnrfc.noaa.gov/graphicalRVF.php?id=MRYC1) will be monitored by the O&M Manager to determine when flood patrols should begin. When the forecast indicates that flows will exceed 90,000 cubic feet per second (cfs) (Approximately a 10-Year Flood Flow) on the following day, flood patrols will be initiated at 12 PM (Noon) on the following day. During flood patrols the embankments will be checked to determine if excessive erosion is occurring, if slumps are occurring, if piping is occurring at the landside toe or slope of the embankment or if the embankment is in danger of being overtopped.

After each high water event an event report outlining what occurred and recommendations will be prepared and filed with TRLIA. See Attachment 7 for report format. The event report will be accomplished by TRLIA Staff or Consultants retained by TRLIA. The TRLIA O&M Team will review each high water event report and determine any corrective actions needed.

EMERGENCY ACTIONS DURING HIGH WATER EVENTS

During a high water event should problems with the embankments or crossings be observed, the observer will immediately contact the O&M Manager. Emergency contact numbers are shown on Attachment 8. The O&M Manager is required to be available during a high water event or provide a substitute during a high water event. The O&M Manager or substitute will determine appropriate actions to address the emergency and implement those actions. Dredge tailings material that can be used to shore up the embankments or crossings is present at each location. TRLIA is negotiating with Western Aggregates, Cal Sierra Development, Nordic, and
RD 784 to supply other materials and equipment to address any emergencies observed. RD 784 has also agreed to allow TRLIA to utilize its Open Contracts with several local materials and contractor firms for emergency actions. The O&M Manager will utilize these resources as deemed necessary. The O&M Manager will inform the TRLIA O&M Team of emergency conditions and actions taken.

Should an imminent breach in the southwest embankment, Crossing 21, Hammonton Crossing, Site F, or Site J be observed or be expected to occur, the observer will immediately contact the O&M Manager who will inform and coordinate with the RD 784 Incident Command Post and the Yuba County Office of Emergency Services on the emergency condition. The O&M Manager will also confer with the TRLIA O&M Team on the emergency condition. Yuba County officials will determine the proper emergency actions to take in accordance with the RD 784 Safety Plan. Emergency contact numbers are shown on Attachment 8.

**ACCESS TO THE EMBANKMENTS**

There is no public access to the 100-Year Interim Flood Risk Reduction Project embankments or monitoring areas. Access is limited to only authorized individuals that are directly involved in the operations, maintenance, and inspection of the embankments.

Access to the embankments and monitoring sites is limited and is shown on the attached map (Attachment 9).

**FUNDING**

Initial funding for the TRLIA Interim O&M work will come from TRLIA local project (prior year) funds. The estimated annual O&M budget for the 100-Year Interim Project is $75,000.

**PLAN REVIEW AND REVISION**

This plan is to be reviewed and revised by September 30 of each year to ensure that current personnel and emergency resources are accurately identified and Emergency Contact Information (Attachment 8) is correct.
ATTACHMENT 1

WESTERN AGGREGATES CO-OPERATION AGREEMENT
Available for Review at the TRLIA Office
Available for Review at the TRLIA Office
ATTACHMENT 3

EMBANKMENT AS-BUILTS SHOWING ALIGNMENT, GRADES, AND CROSS SECTIONS
ATTACHMENT 4

MONTHLY INSPECTION REPORT FORMAT
GOLDFIELDS 100-YEAR INTERIM PROJECT
MONTHLY O&M INSPECTION REPORT

Date of Inspection: ______________________
Inspector: ______________________________

Any Damage to Access Gates?
Describe Damage and Give Recommendations for Repair:

Any Patrol Road Wear or Damage?
Describe Damage and Give Recommendations for Repair:

Any Excessive Vegetation?
Describe Condition and Give Recommendations for Correction:
Any Embankment Damage or Slumps?
Describe Condition and Give Recommendations for Correction:

Any Signs of Trespassing?
Describe Condition and Give Recommendations for Correction:

Any Signs of Illegal Dumping?
Describe Condition and Give Recommendations for Correction:

1. Take at least three photographs during inspection.
2. Prepare electronic copy of Inspection Report and submit to TRLIA Administrative Assistant, Executive Director, and O&M Manager.
ATTACHMENT 5

TRANSECT MONITORING LOCATIONS
ATTACHMENT 6

TRANSECT MONITORING REPORT FORMAT
GOLDFIELDS 100-YEAR INTERIM PROJECT
TRANSECT MONITORING REPORT

Date of Survey: ______________________
Surveyed by: _______________________
Report Prepared by: _______________________

Site B:
Transect Surveys are attached as Exhibit 1A.
Site B Photos are attached as Exhibit 1B.

Has Site B breached?
If the answer is yes; provide approximate date of event that might have
breached this site: _______________________

Crest has receded by ____ feet since the last survey of (Date)____.
**Site F:**
Transect Surveys are attached as Exhibit 2A.
Site F Photos are attached as Exhibit 2B.

Has Site F breached?
If the answer is yes; provide approximate date of event that might have breached this site: ________________.

Crest has receded by ___ feet since the last survey of ____(Date)___.

If this recession is greater than 20 feet; provide recommendations for actions during the coming non-flood season:
Site J:
Transect Surveys are attached as Exhibit 3A.
Site J Photos are attached as Exhibit 3B.

Has Site J breached?
If the answer is yes; provide approximate date of event that might have breached this site: _________________.

Crest has receded by ___ feet since the last survey of ___(Date)___.

If this recession is greater than 40 feet; provide recommendations for actions during the coming non-flood season:
ATTACHMENT 7

HIGH WATER EVENT REPORT FORMAT
GOLDFIELDS 100-YEAR INTERIM PROJECT
HIGH WATER EVENT REPORT

Date(s) of Event: ________________
Report Prepared by: ________________

Hydrograph of high water event is presented as Exhibit 1. Hydrograph taken from information available at the Marysville Gage from the NOAA River Forecast Center.

Peak Discharge: ____ cfs.
Approximate frequency of event: ____ year.
Length of event: ____ days.

Provide date/time of flood patrols that occurred during the high water event.
   a) 
   b)
   c)
   d)

Provide description of any excessive erosion or slumps in the embankment(s), any excessive seepage through the landside toe or slope of the embankment(s), or whether the embankment(s) were in danger of being overtopped at any time during the high water event.
   a)
   b)
   c)

Provide description of any actions taken to address any flood issues discovered during the high water event.
   a)
   b)
   c)
# EMERGENCY CONTACT LIST

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<tr>
<th>Organization</th>
<th>Name and Title</th>
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<tr>
<td>Yuba County Office of Emergency Services</td>
<td>Scott Bryan - Emergency Operations Manager</td>
<td>530 749-7520</td>
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<tr>
<td>State-Federal Flood Operations Center</td>
<td></td>
<td>916-574-2619</td>
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<tr>
<td>Central Valley Flood Protection Board</td>
<td>Eric Butler, Supervising Engineer</td>
<td>916-574-0707</td>
</tr>
<tr>
<td>Sacramento USACE</td>
<td>Meegan Nagy, Chief of Flood Protection and Navigation Section</td>
<td>916-557-7257</td>
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<td>Sacramento USACE</td>
<td>Derek Morley, Chief of Soils Design Section</td>
<td>916-201-5519</td>
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<tr>
<td>DWR Flood Project Integrity and Inspection Branch</td>
<td>Don Rasmussen, Chief</td>
<td>916-574-1730</td>
</tr>
<tr>
<td>TRLIA</td>
<td>Paul Brunner, Executive Director</td>
<td>B530-749-5679 (C916-765-4981)</td>
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<td>TRLIA</td>
<td>Doug Handen, O&amp;M Manager</td>
<td>B916-635-5200 (C916-425-4662)</td>
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<td>Larry Dacus, Design Manager</td>
<td>B916-437-7515 (C916-838-7519)</td>
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<td>RD 784</td>
<td>Steve Fordice, General Manager</td>
<td>B530-742-0520 (C530-682-0303)</td>
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<td>RD 784</td>
<td>Patrick Meagher, Field Superintendent</td>
<td>B530-742-0520 (C530-308-4152)</td>
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<td>Western Aggregates</td>
<td>Lloyd Burns, President</td>
<td>B530-749-6525 x12 (C530-821-9557)</td>
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<td>Kevin Albert, Plant Manager</td>
<td>B530-749-6525 x35 (C925-323-4830)</td>
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<td>Mike Mitchell, Asst. Plant Manager</td>
<td>B530-749-6525 x36 (C530-526-5586)</td>
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<td>Cal Sierra</td>
<td>Tony Massey, Chief Executive Officer</td>
<td>B530-742-7164 (C530-701-6968)</td>
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<td>MHM Engineering</td>
<td>Sean Minard, Principal</td>
<td>B530-742-6485 (C530-682-6497)</td>
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*B = Business Number  C = Cell Number*
ATTACHMENT 9

EMBANKMENT AND MONITORING ACCESS LOCATIONS
ATTACHMENT 10

SIGNAGE INFORMATION
TRLIA

Flood Protection Berm

THREE RIVERS
LEVEE IMPROVEMENT AUTHORITY

Speed Limit 15 MPH

- No Public Access
- No Unauthorized Motor Vehicles

For more information call: (530) 749-7841
Three Rivers Levee Improvement Authority
1114 Yuba Street, Suite 218
Marysville, CA 95901
Office (530) 749-7841 Fax (530) 749-6990

October 25, 2016

TO: Three Rivers Levee Improvement Authority Board
FROM: Paul Brunner, Executive Director
SUBJECT: Consulting Agreement with Handen Company, Inc. for Consulting and Construction Management Services to TRLIA Phase 4, Feather River Set Back Area, WPIC Improvements, Goldfields Improvements, and General Consulting

Recommended Actions:
Approve a $ 287,200, 10th contract amendment to the contract with The Handen Company, Inc for construction management consulting services for ongoing and pending TRLIA projects to December 31, 2018, and delegate authority to Executive Director to sign and execute contract upon review by General Counsel.

Discussion:
Construction Management and Consulting services are needed by TRLIA for the following projects:

- WPIC Standard Project - Field Coordination/CM
- Land Management activities for the Bear and Feather River Setback area (security cameras, signage, maintenance, road maintenance, FRET, River Partner plantings, DFW coordination, DFG coordination)
- Goldfields 100 Year Project - Field Coordination/CM/Operations and Maintenance
- Goldfields 200 Year Project - Project Planning/CM
- FESSRO Project – Project Planing/CM
- 200 year certification requirements- ULDC/ULOP Evaluations

The Construction Management amendment scope of services includes costs associated with contract administration, progress reporting, coordination with Corps Staff, Contractor Submittals, Agency Coordination, Requests for Information (RFI’s), Inspection Coordination, NPDES Compliance, Change Order Administration, Conflict Resolution, Community Interaction, and various other functions as outlined in the attached proposal. This amendment includes a new task, which is the performance of a key role as described in the TRLIA 100-yr Goldfields O&M plan.

The amendment extends the end date of The Handen Company, Inc. contract to December 31, 2018.
The Handen Company, Inc. has performed services for TRLIA since 2006 under the direction of the Executive Director. The Handen Company has successfully provided Construction Management and other Consulting Services to TRLIA. The scope of work for this effort is appropriate and commensurate with the proposed fees.

**Fiscal Impact:**
The contract amendment would increase the existing contract by $287,200 (two year contract) for services on a time-and-expenses basis, to a maximum amount not exceeding $2,017,857 (Current maximum amount $1,730,657) without prior authorization by TRLIA. This amendment is a time and material contract, which could be terminated at anytime. These projected expenses are included in the current TRLIA cash flow for project completion.

**Attachments:**
1. Amendment No. 10
2. Scope of Work dated 10/19/16
October 12, 2016

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

Re: Scope of Work for Construction Project Management/Consulting for Three Rivers Levee Improvement Authority- 2017 and 2018

Dear Mr. Brunner,

Please find the enclosed scope of work for The Handen Company, Inc. for the above referenced projects.

The proposal includes budgets for separate phases of work for various ongoing and future phases of work for TRLIA that we have discussed for 2017 and 2018.

The proposal includes a base scope of work not to exceed the amount of $287,200.

I look forward to continued service to you and TRLIA on these projects. Please contact me to discuss the scope of work to ensure that this scope accurately reflects your needs.

Sincerely,

Douglas J. Handen
SCOPE OF WORK

Services Provided- Project Management Consulting:

Project Descriptions:

- Land Management, Public Access and Environmental Coordination for the Bear and Feather River Setback Areas
- Goldfields 100 year- Field Coordination/CM and Operations and Management
- Goldfields 200 year- project planning/CM
- FESSRO planning and CM
- WPIC Construction Management
- 200 year certification, ULDC/UOP Evaluations, construction requirements/CM

Summary of Tasks:

1. Attend TRLIA management meetings
2. Participate in construction meetings
3. Participate in weekly design meetingconference calls
4. Participate in construction budget review
5. Conduct regular site visits to current projects
6. Coordinate with Construction Management team and Contractors
7. Review and process contract change orders
8. Assist in the preparation of contract documents

9. Track construction schedules

10. Assist in the preparation of reimbursement requests

11. Prepare staff reports and make presentations to the TRLIA Board as necessary

12. Assist in coordination and compliance with project Environmental Permits and requirements

13. Assist TRLIA in acquisition and management of estate as required

14. Assist in coordination with property owners associated with construction activities and project requirements.

15. Inspect TRLIA owned real estate and direct correctional activities and cleanup as required.

16. Work with local Police, Fire, and Reclamation District to with respect to public access, where applicable, on TRLIA owned property

17. Coordinate security and maintenance, coordinate replacement of public protection signage as required

18. Perform Duties as Goldfields 100 year project O&M Manager, including:
   a. Provide monthly inspections and reporting
   b. Perform or coordinate trash removal
   c. Perform or coordinate vegetation management
   d. Perform maintenance of project signage
   e. Perform or facilitate high water patrols
   f. Coordinate with RD 784/Incident Command Post in the event of flooding
   g. Coordinate with RD 784 and other “Open Contract” vendors as necessary for flood fighting and maintenance of embankments

Fee and Payment:

The above referenced services shall be billed monthly at the following rates:

Principal $175/hour
Transportation $0.445/mile
Budget- Please refer to Attachment A
<table>
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<th>Project/type of work</th>
<th>2017 hours</th>
<th>2018 hours</th>
<th>Total hours</th>
<th>hourly rate</th>
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</tbody>
</table>

**Total**

**avg. mos. $/mo**

| Expenses                     | 24         | 300.00    | 7,200       |

**total estimate**

287,200