The complete agenda, including backup material, is available at the Yuba County Government Center, 915 8th Street, Suite 109, Marysville, and www.trlia.org. Any disclosable public record related to an open session item on the agenda and distributed to all or a majority of the Board of Directors less than 72 hours prior to the meeting are available for public inspection at Suite 109 during normal business hours.

In compliance with the Americans with Disabilities Act, the meeting room is wheelchair accessible and disabled parking is available. If you have a disability and need disability-related modifications or accommodations to participate in this meeting, please contact the Clerk of the Board's office at (530) 749-7510 or (530) 749-7353 (fax). Requests must be made one full business day before the start of the meeting.
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

APRIL 2, 2013

MINUTES

A meeting of the Board of Directors of the Three Rivers Levee Improvement Authority (TRLIA) was held on the above date, commencing at 3:30 p.m., within the Government Center, Marysville, California, with a quorum being present as follows: Directors Rick Brown, Jerry Crippen, Mary Jane Griego, and John Nicoletti. Director Don L. Graham was absent. Also present were Counsel Andrea Clark, and Deputy Clerk of the Board of Supervisors Rachel Ferris. Chair Griego presided.

I ROLL CALL – Directors Rick Brown, Jerry Crippen, Don Graham, Mary Jane Griego, John Nicoletti – Director Graham absent.

II PUBLIC COMMUNICATIONS: None

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

MOTION: Move to approve
MOVED: Jerry Crippen
SECOND: Rick Brown
AYES: Jerry Crippen, Rick Brown, Mary Jane Griego, John Nicoletti
NOES: None
ABSTAIN: None
ABSENT: Don Graham

A. Approve minutes of the meetings March 19, 2013. Approved.

IV ACTION ITEMS

A. Hold public hearing, waive reading, and adopt ordinance providing informal bidding procedures under the Uniform Public Construction Cost Accounting Act. (Second Reading) Counsel Andrea Clark provided a brief recap.

Chair Griego opened the public hearing. No one came forward.

MOTION: Move to close public hearing, waive reading, and adopt ordinance providing informal bidding procedures under the Uniform Public Construction Cost Accounting Act
MOVED: John Nicoletti
SECOND: Jerry Crippen
AYES: John Nicoletti, Jerry Crippen, Rick Brown, Mary Jane Griego
NOES: None
ABSENT: Don Graham
ABSTAIN: None

V BOARD AND STAFF MEMBERS’ REPORTS

Director Griego: River Partners article regarding Bear River Restoration
VI  ADJOURN: at 3:33 p.m. by Chair Griego.

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

Chair

Approved:
April 9, 2013

TO: Three Rivers Levee Improvement Authority Board
FROM: Paul Brunner, Executive Director  
Scott McElhern, Counsel
SUBJECT: Memorandum of Understanding Between the Central Valley Flood Protection Board and the Three Rivers Levee Improvement Authority for Work on State Land in Segment 3

Recommended Action:
Board Approval of the Memorandum of Understanding Between the Central Valley Flood Protection Board and the Three Rivers Levee Improvement Authority for Work on State Land, and authorize Executive Director to sign and execute the Memorandum of Understanding, pending approval from the State and further necessary negotiations by counsel, in substantially similar form to the proposed Memorandum of Understanding (attached).

Background:
Feather River Segment 3 extends from North of the new setback levee, past Island Road to State Route 70. As part of TRLIA’s analysis regarding adequate O&M corridors along Segment 3, TRLIA discovered a number of private fences adjacent to the levee encroached onto property owned by the Sacramento and San Joaquin Drainage District. In total, 56 landowners need to have their fences relocated.

Over the past several years, TRLIA staff have worked with the property owners and the State to come up with a solution to the encroaching fences. TRLIA staff and the State ultimately developed a solution whereby TRLIA would construct the new fence line 20 feet from the levee toe in order to provide adequate O&M corridors, and the Central Valley Flood Protection Board (“CVFPB”) would grant easements to the property owners for the area between the new fence and the actual property line. For those property owners that do not accept the easements, TRLIA would construct the new fence on the actual property line. Additionally, the CVFPB would grant encroachment permits for two structures that encroach on CVFPB property.

TRLIA has provided the proposed easements to all affected property owners, and has received responses from most of the property owners. The easements will allow the property owners who accept them to use and maintain the State lands outside and landward of the O&M corridor until such time as the State land is needed for a public purpose or the easements are otherwise terminated according to their terms. The easements will be recorded in the Yuba County Recorder’s office, and will run with the title of the land, which will make them transferable to future property owners.
**Discussion:**
TRLIA plans to perform the work of removing existing encroachments in the 20-foot O&M corridor and constructing the new fencing in the summer of 2013.

On or about March 2, 2012, the CVFPB approved Permit No. 18690, which permits TRLIA to install chain link fencing, K-rails, and a maintenance road on State of California property, adjacent to the Feather River East Levee and Yuba River South Levee. However, the permit does not authorize TRLIA to remove the existing fencing and other encroachments located on State property prior to construction of the improvements authorized in Permit No. 18690. TRLIA staff and CVFPB staff have therefore negotiated the attached Memorandum of Understanding.

The Memorandum of Understanding generally provides:

- The CVFPB authorizes TRLIA to remove the fencing and other encroachments located on State property, as depicted on Exhibit A to the Memorandum of Understanding.

- Because the location of the new fencing and other improvements will be dependent on the number of property owners who sign easements, TRLIA will submit final plans to the CVFPB prior to construction.

- TRLIA will send notice to the property owners at least fourteen (14) days prior to removing the fencing and other encroachments.

- TRLIA will defend and indemnify the State from all claims and damages arising from the removal of the existing fences on State property.

**Fiscal Impact:**
This action does not have a fiscal impact.

**ATTACHMENTS**

1. Memorandum of Understanding Between the Central Valley Flood Protection Board and the Three Rivers Levee Improvement Authority for Work on State Land and Exhibit A
MEMORANDUM OF UNDERSTANDING
BETWEEN THE CENTRAL VALLEY FLOOD PROTECTION BOARD
AND THE THREE RIVERS LEVEE IMPROVEMENT AUTHORITY
FOR WORK ON STATE LAND

THIS AGREEMENT is entered into this _____ day of ______, 2013, by
and among the Central Valley Flood Protection Board (hereinafter “Board”) and the
Three Rivers Levee Improvement Authority (hereinafter “TRLIA”).

WHEREAS, TRLIA is completing a $400 million levee improvement program to
increase the level of flood protection for Linda, Arboga, Olivehurst and Plumas Lake;
and

WHEREAS, as part of these improvements, TRLIA is required to provide a
landside Operations and Maintenance (“O&M”) corridor in accordance with the
Department of Water Resources Urban Levee Design Criteria; and

WHEREAS, during the preparation of a survey, TRLIA discovered that the land
covering the levee and required O&M corridor was owned by the Board through the
Sacramento San Joaquin Drainage District; and

WHEREAS, vegetation, fences and other existing structures were located within
the area required for the O&M corridor. Board records indicate that there are no permits
for any of the structures, fences or private improvements within State property; and

WHEREAS, on or about March 2, 2012, the Board approved Permit No. 18690
with a vote of 7-0 which permitted the installation of chain link fencing, K-rails, and a
maintenance road on State of California property, adjacent to the Feather River East
Levee and Yuba River South Levee, with several conditions including drainage and
mitigation for existing elderberries; and

WHEREAS, on or about November 15, 2012, the Board approved Resolutions
2012-03, 2012-06, 2012-04, 2012-05 and 2012-44, which approved the issuance of
conditional easements to property owners located adjacent to the Feather River East levee
in West Linda, CA; and

WHEREAS, the conditional easements will allow the property owners to use and
maintain the State lands outside and landward of the O&M corridor until such time as the
State land is needed for a public purpose or the conditional easement is otherwise
terminated in accordance with the terms of the conditional easement. The easements will
be recorded in the Yuba County Recorder’s office, and run with the title of the land,
which will make them transferable to future property owners; and

WHEREAS, the transplanting of the existing elderberry shrubs is preferred
during their dormant season (November thru February 15) in accordance with US Fish
and Wildlife Service Guidelines. Therefore, the elderberry transplant and drainage
features of this project were processed under a separate Permit 18170-1; and

WHEREAS, on November 16, 2012, the Board approved Permit 18170-1
authorizing the transplant of 12 elderberry shrubs and 170 associated plantings onto 0.8
acres of the Feather River Elderberry Transplant Area. These plantings are to mitigate
Valley Elderberry Longhorn beetle impacts from constructing a toe access corridor and necessary drainage features along the Feather River East Levee; and

WHEREAS, Permit Nos. 18690 and 18170-1 did not authorize TRLIA to remove the existing fencing and other encroachments located on State property as depicted on Exhibit A hereto prior to construction of the improvements authorized in Permit No. 18690 and 18170-1; and

WHEREAS, TRLIA is now seeking authorization from the Board to remove the existing fencing and other encroachments located on State property and depicted on Exhibit A prior to construction of the improvements authorized in Permit No. 18690 and 18170-1.

NOW, THEREFORE, IT IS HEREBY AGREED:

SECTION I: Authorization to Perform Work

A. In order to install the chain link fencing and other improvements on State property pursuant to Permit No. 18690 and 18170-1, TRLIA will first need to remove the existing fencing and other encroachments located on State property as depicted on Exhibit A. The Board hereby authorizes TRLIA to remove the fencing and other encroachments located on State property depicted on Exhibit A, so the work authorized by Permit No. 18690 and 18170-1 can be accomplished.

B. The location of the new fencing and other improvements will be dependent on the number of property owners who sign conditional easements. Prior to construction, TRLIA will submit final plans for Board Executive Officer approval which identify the location of the new fencing and other improvements. An amendment to Permit No. 18690 may then be issued by the Board Executive Officer.

C. TRLIA shall send notice to the property owners at least fourteen (14) days prior to removing the fencing and other encroachments. This notice shall be sent by certified mail or through personal delivery. In those situations where personal delivery is attempted but not effectuated, the notice shall be left at the address of the property owner.

SECTION II: Indemnification

A. TRLIA is responsible for all liability associated with the removal of the existing fences on State property, and shall defend, indemnify, and hold the Board and the State of California, including its agencies, departments, boards, commissions, and their respective officers, agents, employees, successors and assigns (collectively, the "State"), safe and harmless, of and from all claims and damages arising from the removal of the existing fences on State property, all to the extent allowed by
law. The State expressly reserves the right to supplement or take over its defense, in its sole discretion.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

THE CENTRAL VALLEY FLOOD PROTECTION BOARD OF THE STATE OF CALIFORNIA

By __________________________  APPROVED AS TO LEGAL FORM AND SUFFICIENCY
               Jay S. Punia, Executive Officer

Date __________________________

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

By __________________________  APPROVED AS TO LEGAL FORM AND SUFFICIENCY
               Paul Brunner,
               Executive Director

Date __________________________

By __________________________  Scott McElhern, TRLIA Counsel
               Debbie Smith, Deputy Attorney General

Date __________________________
April 9, 2013

TO: Three Rivers Levee Improvement Authority Board
FROM: Paul G. Brunner, Executive Director
SUBJECT: Approve Amendment 15 to Contract with HDR Engineering, Inc. for Geotechnical Services for the Western Pacific Interceptor Canal – 200 Year Urban Levee Design Criteria

Recommended Action:
Approve a $625,084 contract amendment #15 (attached) to the HDR Engineering services contract for geotechnical and design services for the WPIC, and authorize Executive Director to sign and execute upon review of General Counsel.

Background:
Since 2004, TRLIA has continued to make steady progress in achieving 200-year protection for RD 784. In May 2012, DWR issued Urban Levee Design Criteria (ULDC) which serves as the standard for demonstrating 200-year protection. DWR, as part of its Urban Levee Evaluation Program (ULE), is performing levee evaluations in urban areas to identify deficiencies preventing the levees from meeting the ULDC. DWR has identified deficiencies in meeting the State’s ULDC and is preparing reports to present these findings. Specifically, DWR identified seepage and stability issues in 1.9 of 5.9 miles of the WPIC. DWR has identified remediation alternatives for the deficient reaches and is preparing cost estimates for these alternatives. This information will also be included in the reports that DWR is preparing. TRLIA Staff continues to coordinate with DWR and will review the reports before they are finalized.

HDR was tasked by TRLIA to review DWR’s evaluation and to provide the information necessary to pursue a 200-year compliance determination for the WPIC in accordance with the ULDC. HDR has concurred with the ULE findings that certain portions of the WPIC levee do not meet the ULDC. In November 2013, HDR issued a technical memorandum documenting their review of DWR’s reach and cross-section development and characteristics assigned to each soil layer. Based upon this review, it is recommended that additional geotechnical investigations and analyses be performed to better define controlling features and limits of deficient areas. Doing so could reduce the physical extent and scope of the remedial measures.

After the USACE’s periodic inspection of the WPIC, USACE commented negatively on the standing water that occurs after heavy rain storms along the toe of the WPIC levee. This ponding, impacts wet weather access along the toe of the levee. A drainage evaluation and landside levee access corridor design is needed to determine how to correct the ponding.

Discussion:
Amendment 15 proposes that HDR perform the following tasks:
• Review the DWR/URS ULE analyses of the WPIC and compare those to HDR’s seepage and stability analyses and document in a technical memorandum;
• Conduct additional, targeted geotechnical explorations, laboratory testing, and analyses to define extent of the deficiencies. This will be documented in a technical memorandum and Geotechnical Data report;
• Conduct and document a remedial measures alternative analysis, including cost comparison;
• Prepare a Geotechnical Basis of Design Report; and
• Conduct a local drainage evaluation and develop access road designs.

The attached proposal provides additional detail as to the scope of services for this effort.

While Amendment 15 will provide a draft basis of design, it will not provide construction documents. Additional work will be required to prepare final plans and specifications. Plans and specifications will be heavily dependent on the additional data proposed in Amendment 15 and will reflect appropriately scaled and scoped solutions to the levee problem. The cost for plans and specifications is estimated at $150,000 and would require a future amendment to the HDR contract.

When plans and specifications are complete and the proposed construction project is ready for bid, an additional amendment will be needed to cover construction management of the project. The current estimate for construction management is $800,000. This amendment will likely be needed at the beginning of the summer of 2014 in order to cover construction that is expected to begin in late summer of 2014 and extend into 2015.

Fiscal Impact:
The amendment amount is $625,084 for services on a time-and-expenses basis, not to exceed the maximum amount $10,382,409 of the contract for Professional Services without prior authorization by TRLIA. The future amendments to prepare plans, specifications and for post-design activities are estimated at $950,000.

Funding for Amendment 15 and future HDR amendments and construction work could come through several avenues. The work is currently being proposed as part of the State/TRLIA Upper Yuba River Levee Improvement EIP. If DWR accepts the proposal, the cost sharing would be 30 percent local, 70 percent State.

If DWR does not accept the proposal, TRLIA could pursue a separate funding agreement with the state that is anticipated to available in the fall of this year. Securing a new agreement has a significant drawback of delaying the needed levee work, due to the timeframe of 9-12 months, required to apply for and execute a new funding agreement.

TRLIA has sufficient local funds to pay for Amendment 15 in total should the current UYLIP funding agreement, or future funding agreement not happen. TRLIA does not have sufficient local funding to solely complete the remaining WPIC design and construction work without the state funding agreements being in place.

Attachments:
• Amendment 15 Agreement
• HDR Scope and Fee Estimate for Amendment 15
FIFTEENTH AMENDMENT
TO
AGREEMENT FOR PROFESSIONAL SERVICES
BETWEEN
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY
AND
HDR ENGINEERING, INC.

THIS FIFTEENTH AMENDATORY AGREEMENT is made and entered into this ____ day of ___________ 2013, by and between the Three Rivers Levee Improvement Authority, ("TRLIA"), a California Joint Powers Authority, and HDR Engineering, Inc. ("CONSULTANT").

WHEREAS, TRLIA and CONSULTANT entered into an agreement on December 13, 2005 to provide professional services for Engineering Design and Environmental Studies for Phase 4 Levee Repairs - Upper Yuba River, Continuation of Phase 2 Construction Management (2006), and FEMA Certification of Contract Work ("Agreement");

WHEREAS, a FIRST AMENDATORY AGREEMENT, executed February 14, 2006, increased the maximum not to exceed contract fee from $2,580,038 by $118,955 to $2,698,993; and

WHEREAS, a SECOND AMENDATORY AGREEMENT, executed March 7, 2006, increased the maximum not to exceed contract fee from $2,698,993 by $117,649 to $2,816,642; and

WHEREAS, a THIRD AMENDATORY AGREEMENT, executed August 8, 2006, increased the maximum not to exceed contract fee from $2,816,642 by $661,193 to $3,537,835; and

WHEREAS, a FOURTH AMENDATORY AGREEMENT, executed October 16, 2007, increased the maximum not to exceed contract fee from $3,537,835 by $280,000 to $3,817,835; and

WHEREAS, a FIFTH AMENDATORY AGREEMENT, executed August 5, 2008, increased the maximum not to exceed contract fee from $3,817,835 by $954,524 to $4,772,359; and

WHEREAS, a SIXTH AMENDATORY AGREEMENT, executed September 9, 2008, extended the time of services rendered to December 31, 2009; and

WHEREAS, a SEVENTH AMENDATORY AGREEMENT, executed May 12, 2009, increased the maximum not to exceed contract fee from $4,772,359 by $2,416,874 to $7,189,233 and extended the time of services rendered to December 31, 2010; and

WHEREAS, an EIGHTH AMENDATORY AGREEMENT, executed September 15, 2009 increased the maximum not to exceed contract fee from $7,189,233 by $155,846 to $7,345,079; and

WHEREAS, a NINTH AMENDATORY AGREEMENT, executed July 20, 2010 increased the maximum not to exceed contract fee from $7,345,079 by $1,473,064 to $8,818,143; and

WHEREAS, a TENTH AMENDATORY AGREEMENT, executed August 12, 2011 increased the maximum not to exceed contract fee from $8,818,143 by $162,879 to $8,981,022; and
WHEREAS, an ELEVENTH AMENDATORY AGREEMENT, executed October 18, 2011 increased the maximum not to exceed contract fee from $8,981,022 by $636,668 to $9,617,690; and

WHEREAS, a TWELFTH AMENDATORY AGREEMENT, executed February 21, 2012 increased the maximum not to exceed contract fee from $9,617,690 by $50,000 to $9,667,690 and extended the contract date to December 31, 2013; and

WHEREAS, a THIRTEENTH AMENDATORY AGREEMENT, executed September 18, 2012 increased the maximum not to exceed contract fee from $9,667,690 by $59,762 to $9,727,452; and

WHEREAS, a FOURTEENTH AMENDATORY AGREEMENT, executed October 24, 2012 increased the maximum not to exceed contract fee from $9,727,452 by $29,873 to $9,757,325; and

WHEREAS, 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; and

WHEREAS, TRLIA and CONSULTANT desire to amend Agreement;

NOW, THEREFORE, TRLIA and CONSULTANT agree as follows:

1. Exhibit A of AGREEMENT shall be amended to perform those additional services as described in Exhibit A to this FIFTEENTH AMENDMENT.

2. Attachment B, Provision B.1 of the Agreement shall be revised to increase the maximum not to exceed contract fee by $625,084 from $9,757,325 to $10,382,409.

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

This Amended agreement is hereby executed on this ___ day of _______________, 2013.

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

<table>
<thead>
<tr>
<th>Paul G. Brunner</th>
<th>Robert M. Boling</th>
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<tbody>
<tr>
<td>Executive Director</td>
<td>Senior Vice President</td>
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</tbody>
</table>

ATTEST:
DONNA STOTTLEMEYER
CLERK OF THE BOARD

APPROVED AS TO FORM:

SCOTT L. SHAPIO
GENERAL COUNSEL
SCOPE AND FEE ESTIMATE FOR ENGINEERING DESIGN SERVICES

(Amendment No. 15)

Three Rivers Levee Improvement Authority

Yuba County, California

Geotechnical Services for the Western Pacific Interceptor Canal – 200 Year Urban Levee Design Criteria

March 18, 2013

HDR

2365 Iron Point Road, Suite 300
Folsom, CA 95630
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Introduction

HDR Engineering, Inc. (HDR) is currently under contract with the Three Rivers Levee Improvement Authority (TRLIA) in Yuba County, CA to provide the information necessary to pursue a State of California Department of Water Resources (DWR) compliance determination in accordance with the Draft May 2012 Urban Levee Design Criteria (ULDC) for the Western Pacific Interceptor Canal (WPIC) West levee and the eastern portion of the Bear River North levee.

Review of new data and subsequent analysis conducted as part of the initial stages of ULDC analyses, HDR has found that portions of the levees do not meet ULDC levee design criteria. HDR has determined that additional geotechnical data and analyses are required to better define controlling features and the limits of potentially deficient areas. As part of the initial analyses HDR was requested to review the DWR/URS Urban Levee Geotechnical Evaluation (ULE) analyses of the WPIC West Levee and summarize comments in a technical memorandum (TM). In addition, engineering support to evaluate remedial measures for drainage concerns along the WPIC has been requested.

The scope of services is outlined below.

Scope of Work

The tasks outlined in this scope have been prepared based on discussions with MBK Engineers (MBK) and includes the following effort:

- Review the DWR/URS ULE analyses of the WPIC and include HDR’s opinions in a TM.

- Perform additional targeted geotechnical exploration, laboratory testing, and analyses. Prepare a TM summarizing current analyses, a Geotechnical Data Report, an Alternatives Analysis and a draft Geotechnical Basis of Design Report.

- Local drainage evaluation and access road design.

Task 1 Project Management

The project management task includes time necessary for coordination with TRLIA and other members of the project team, as well as time needed for preparing progress reports and other management tasks.

Task 2 Geotechnical Services

2.1 Review of DWR/URS ULE Analyses

At the request of MBK, HDR has reviewed the DWR/URS ULE analyses on existing conditions on the WPIC West Levee. HDR reviewed the details of model input including
topography, stratigraphy, WSE, and the results of their seepage and stability analyses. A draft TM was produced summarizing HDR’s findings and opinions on applicability and refinements.

2.2 Technical Memorandum - Current Analyses

HDR will prepare a TM to summarize the result of HDR’s current seepage and stability analyses of the WPIC and Bear River North levees studied. The TM will be based on the currently-available subsurface data, topography, and WSEs and would include results related to criteria, and initial estimate of limits of potentially deficient reaches, and remedial concepts.

2.3 Exploration and Testing

In order to support the findings pertaining to ULDC criteria and move the project to final design, additional exploration and testing is necessary. The exploration and testing would provide data to:

- Confirm blanket layer thicknesses and material classifications along the landside of the levees where modeling has indicated that underseepage is of concern.

- Verify embankment material properties where through seepage and slope stability has been identified as a concern.

- Collection of additional data to confirm embankment and foundation conditions where no remediation is anticipated.

- Aid in defining lateral limits of remediation.

- Evaluate backfill soils properties at the three identified penetrations.

HDR’s proposed exploration program consists of permitting and completing up to 26 borings and 7 CPTs to depths of 20 to 65 feet deep along the levee crown and near the landside toe. Samples in boring would be collected at about 2½-foot intervals to about 20 feet below the toe and 5 feet thereafter. Eight to twelve shallow test pits along the landside slope or toe will be excavated by hand. In addition, three borings and six shallow test pits (one at each end) will be performed over the three identified levee penetrations using a backhoe.

Laboratory testing will be performed on select materials from the borings and hand excavations and could consist of, as appropriate: sieve analyses, Atterberg limits, moisture content/dry density, triaxial shear, direct shear, unconfined compression, consolidation, permeability, compaction, corrosion, and R-value.

2.4 Geotechnical Data Report

A Geotechnical Data Report will be prepared to compile both the subsurface data used as the basis of HDR’s recent evaluations evaluation and the explorations proposed herein into a single document that can be incorporated into final design documents.
2.5 Geotechnical Alternative Analysis

Additional geotechnical evaluations, including seepage, stability, and settlement analyses will be performed in accordance with the project Technical Approach document, the ULDC guidance, and as explained in HDR’s previous scope. Three additional cross-sectional models (with sensitivity variations) based on the current data will be evaluated. In addition, once the additional geotechnical data is collected, six cross-sectional models (with sensitivity variations) will be evaluated to verify recent model results, evaluation of penetrations, and to assist in determining limits of potential remediation need. Select remedial alternative measures will be evaluated to demonstrate that they will meet the project (and ULDC) design criteria. Up to 2 remedial measures will be evaluated at each reach found not meeting project criteria. The results of these analyses will be summarized in an Alternative Analysis report.

2.6 Draft Geotechnical Basis of Design Report

A draft Geotechnical Basis of Design Report will be prepared once remedial alternatives are selected. The Report will include design-level recommendations and preliminary design details.

2.7 Meetings

Ten meetings at MBK’s office will be necessary through this scope.

2.8 Deliverables

- Exploration Map
- Technical Memorandum – Results of Analyses based on current data (draft and final)
- Geotechnical Data Report (draft and final)
- Alternative Analysis Report (draft and final)
- Draft Geotechnical Basis of Design Report

Assumptions

- MBK will provide all rights of entry for exploration program and other site visits.
- The 500-year WSE and 200-year hydrograph for the WPIC and Bear River are provided or will be provided by MBK.
- A meeting(s) will be held to discuss feasibility of potential alternatives. TRLIA will choose a preferred alternative for each deficient area.
- Final Geotechnical Basis of Design will be completed as part of the final design of the WPIC.
- RD 784 will provide a backhoe for the shallow test pit exploration and will backfill each excavation.
Task 3 Drainage Evaluation and Access Road

3.1 Drainage Study

The existing local drainage will be studied along the landside of the WPIC west levee. Current capacities and gravity discharge locations will be identified. Considering the potential geotechnical remediations, drainage of the chosen remediated conditions will be evaluated. Any impacts will be mitigated through design.

3.2 Access Road

TRLIA and USACE have noted that ponding during wet weather prevents passage along the landside toe of the WPIC and also hinders inspections during high water. HDR will prepare a preliminary design to provide a toe access road that will be drivable during wet weather. This road will extend from the WPIC juncture with the Bear North Levee upstream to Highway 70. This will most likely include fill to provide an elevated roadway along the levee toe. Local drainage will need to be evaluated to ensure that any impacts on local drainage are mitigated.

3.3 Deliverables

➢ Draft and final Drainage Study

➢ Preliminary design and location of 3 access road locations.

Assumptions

➢ Due to the changes in topography (Hwy 70 relocation, new housing development), TRLIA surveyors will provide updated topography along the WPIC.

Task 4 Engineer’s Estimate

Based on the geotechnical analysis, a preliminary cost estimate of each alternative will be presented. Civil, geotechnical, real estate and environmental will be considered in each estimate.

4.1 Deliverables

◆ Engineer’s Estimate for each alternative (draft and final).

4.2 Assumptions

It is assumed that TRLIA’s real estate and environmental teams will provide unit costs for the necessary lands and mitigation needed for the alternatives.
## Task 5 Schedule

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<th>Completion Date</th>
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<tbody>
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<td>Throughout Project</td>
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<td><strong>Task 2 - Geotechnical Services</strong></td>
<td></td>
</tr>
<tr>
<td>2.1 - Review of DWR/URS ULE Analyses</td>
<td>NTP + 30 days</td>
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<tr>
<td>2.2 - Technical Memorandum – Current Analysis</td>
<td>NTP + 3 weeks*</td>
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<tr>
<td>2.3 - Exploration and Testing</td>
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<tr>
<td>2.4 - Geotechnical Data Report</td>
<td>NTP + 25 weeks (draft)</td>
</tr>
<tr>
<td>2.5 - Geotechnical Alternative Analysis</td>
<td>NTP + 35 weeks (draft)</td>
</tr>
<tr>
<td>2.6 - Draft Geotechnical Basis of Design</td>
<td>NTP + 45 weeks (draft)</td>
</tr>
<tr>
<td>2.7 - Meetings</td>
<td>Throughout Project</td>
</tr>
<tr>
<td><strong>Task 3 - Drainage Evaluation and Access Road</strong></td>
<td></td>
</tr>
<tr>
<td>3.1 Drainage Study</td>
<td>NTP + 16 weeks (draft)</td>
</tr>
<tr>
<td>3.2 Access Road</td>
<td>NTP + 24 weeks (final)</td>
</tr>
<tr>
<td><strong>Task 4 - Engineer’s Estimate</strong></td>
<td></td>
</tr>
<tr>
<td>4.1 Deliverables</td>
<td>NTP + 45 weeks (draft)</td>
</tr>
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### Notes:

- A 10 working day review of significant design deliverables will be conducted by TRLIA and other agencies. At the end of the review period, a review meeting may need to be held with the reviewers to discuss comments.
- Right of Entry and Permitting could delay schedule.
- *Will need revised water surface elevation along the Bear River prior to completing task.
- Drainage Study and Access Road tasks can be accomplished earlier if TRLIA desires. Additional survey or conversion of datum will be required.
<table>
<thead>
<tr>
<th>No.</th>
<th>Task Description</th>
<th>Preperation</th>
<th>Site</th>
<th>Technical Draft &amp; Design</th>
<th>Total</th>
<th>Total Labor ($)</th>
<th>Expenses</th>
<th>15% Markup on ODCs'</th>
<th>Subcontractors</th>
<th>Total</th>
</tr>
</thead>
</table>
April 9, 2013

TO: Three Rivers Levee Improvement Authority Board
FROM: Paul Brunner, Executive Director
Larry Dacus, Design Manager
SUBJECT: Approve 3rd Contract Amendment with AECOM Technical Services, Inc. for Environmental Services

Recommended Action
Approve a $74,000 3rd contract amendment with AECOM Technical Services, Inc. for additional effort to provide CEQA documentation for a 100-year flood protection project in the Goldfields, and authorize Executive Director to sign and execute the contract amendment once General Counsel has reviewed and approved it.

Background
In January 2012, the TRLIA Board approved a contract award to AECOM Technical Services, Inc. for environmental services in the Yuba Goldfields and along the Bear and Feather Rivers. This approval was for a maximum initial contract price of $100,000 without additional Board approval. TRLIA developed a project to improve the landslide toe access corridor along the Feather River East Levee north of Island Avenue. Implementation of this toe access corridor required the transplanting of elderberry shrubs. In August 2012, the TRLIA Board approved a first amendment to the AECOM contract for AECOM to prepare an EIR Addendum and a Biological Assessment (BA) for the elderberry shrub transplanting. In December 2012, the TRLIA Board approved a second amendment to the AECOM contract for AECOM to prepare an Environmental Assessment (EA) for the U.S. Army Corps of Engineers (USACE) so that they could approve implementation of the Segment 3 toe access corridor.

Discussion
In addition to the work along the Feather River TRLIA staff has been evaluating alternatives to determine the best project to provide 100-year protection from potential breaches in the Goldfields. Many different alternatives have been formulated and coordinated with the mining companies and USACE. After much evaluation and minor modifications, the Goldfields Feasibility Study Team has narrowed the potential alternatives to just several alignments. One of these alignments will be the selected 100-year project. In order to implement the future selected project, it will need to undergo a CEQA evaluation. AECOM was selected as the environmental consultant for the Goldfields and will prepare the appropriate CEQA documents. This will most likely be an Initial Study which will result in a Mitigated Negative Declaration for the project. This amendment is for AECOM to initiate CEQA evaluation for the 100-year project once it is selected.
**Fiscal Impact**

This amendment would increase the AECOM contract by $74,000 for services on a time and expenses basis, to a maximum amount not exceeding $243,955 ($169,955 previous contract amount + $74,000). TRLIA has signed a funding agreement with the State for the Goldfields Feasibility Study and already provided the local share of this agreement, which means this additional cost will all be paid for by the State.

Attachments:

1. AECOM Technical Services, Inc. Amendment 3
2. Exhibit 1, AECOM Technical Services, Inc. Amended Scope of Work for Amendment 3
AMENDMENT NO. 3

AGREEMENT FOR PROFESSIONAL SERVICES
FOR
ENVIRONMENTAL SERVICES
BETWEEN
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY AND
AECOM TECHNICAL SERVICES, INC.

THIS THIRD AMENDATORY AGREEMENT is made effective ____________,
2013, by and between Three Rivers Levee Improvement Authority ("TRLIA") and
AECOM Technical Services, Inc. ("the Consultant"), who agree as follows:

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

   1.1. Effective February 6, 2012 the parties entered into an Agreement for Professional Services relating to Environmental Services for TRLIA’s Construction Program.
   
   1.2. Effective August 7, 2012 the parties entered into the first Amendatory Agreement to increase the budget by $25,000 to a total of $125,000.
   
   1.3. Effective December 18, 2012 the parties entered into the second Amendatory Agreement to increase the budget by $44,955 to a total of $169,955.
   
   1.4. Article C.23 of the AGREEMENT, states that modifications or amendments to the terms of the AGREEMENT shall be in writing and executed by both parties;
   
   1.5. TRLIA and the CONSULTANT desire to amend the AGREEMENT;

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

2. **Third 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 AECOM Technical Services, Inc.) is amended by the addition of effort as described in Exhibit 1 attached to this Amendementory Agreement to the original and past amended tasks.
   
   2.2. The payment, budget, and not-to-exceed amounts, Condition B.1 in Attachment B to the Agreement for Professional Services between TRLIA
and AECOM Technical Services, Inc. are amended to include the additional amount of $74,000 for a total contract amount of $243,955.

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 __________________________, 2013.

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

__________________________________________
Paul G. Brunner
Executive Director

AECOM TECHNICAL SERVICES, INC.

__________________________________________
Phil Dunn
Vice President

ATTEST:
DONNA STOTTERMeyer
CLERK OF THE BOARD OF DIRECTORS

APPROVED AS TO FORM:
SCOTT L. SHAPIRO
GENERAL COUNSEL

__________________________________________
YUBA GOLDFIELDS HIGH GROUND PROJECT

AECOM SCOPE OF WORK TO PROVIDE CEQA COMPLIANCE
March 18, 2013

PROPOSED PROJECT

The Three Rivers Levee Improvement Authority (TRLIA) is proposing the Yuba Goldfields High Ground Project (proposed project). TRLIA is evaluating the potential flood risk to south Yuba County as a result of potential flooding from the Yuba Goldfields (Goldfields). The Goldfields play an important part in TRLIA’s program to provide 200-year flood protection to urban areas in south Yuba County. The first phase of the project includes providing 100-year protection from Yuba River flooding through the Goldfields. TRLIA is evaluating potential 100-year alternatives in the Goldfields to reduce the flood risk by containing flood waters within the Goldfields.

APPROACH

AECOM will assist TRLIA with California Environmental Quality Act (CEQA) compliance for the selected 100-year alternative (proposed project). This Scope of Work (SOW) addresses tasks associated with CEQA compliance for the selected 100-year alternative. The approach to CEQA compliance described below assumes that avoidance or mitigation of all significant environmental effects is possible, and that an Initial Study/Mitigated Negative Declaration (IS/MND) is the appropriate CEQA compliance document (and an environmental impact report [EIR] is not required).

CEQA TASK 1: CONDUCT FIELD STUDIES

CEQA Task 1A: Conduct Biological Resources Surveys

AECOM biologists will conduct a 1-day reconnaissance-level survey in the project site to evaluate the existing biological resources. Prior to conducting this field survey, existing documentation pertinent to the biological resources on the proposed project site and associated features will be compiled and reviewed. This will include a review of (1) the California Department of Fish and Wildlife’s (CDFW’s) California Natural Diversity Data Base (CNDDB) for information regarding sensitive species potentially occurring on the sites; (2) the California Native Plant Society’s Inventory of Rare and Endangered Vascular Plants for information on special-status plants; and (3) any other pertinent biological reports. Special-status wildlife species that could potentially occur within the project area include, but are not limited to Swainson’s hawk, giant garter snake, burrowing owl, valley elderberry longhorn beetle, and western pond turtle.

Habitat types occurring on the project site will be characterized and their locations and extent will be mapped onto aerial photographs. Important biological resources (e.g., special-status species occurrences, sensitive habitats) identified on the project site will be documented and mapped. The potential of the site to support additional special-status species that may not be identifiable at the time of the reconnaissance-level field survey will be evaluated. The previously completed valley elderberry longhorn beetle survey data will be incorporated into this biological review. Based on existing mining companies’ Waste Discharge requirements (WDRs), it is assumed the potential wetlands/waters of the U.S. within the project site are not jurisdictional under Section 404 or 401 of the Clean Water Act and a wetland delineation will not be
conducted. This has not been discussed with USACE and if USACE disagrees with the mining companies assertion a revised scope of work may be required to include a wetland delineation.

**CEQA Task 1B: Conduct Cultural Resources Investigations and Prepare Cultural Resources Report**

AECOM will conduct pre-field research, Native American consultation, and a cultural resources field survey to evaluate potential impacts on cultural resources. Pre-field research will include documentary research through a number of relevant state and regional agencies, organizations, and societies to determine if any previously documented cultural resources are present within and in the immediate vicinity of the study area. This initial cultural resources investigation will include a review of previous archaeological survey and excavation reports, archaeological site records, and formal property listings on file at the North Central Information Center (NCIC) of the California Historical Resources Information System. The collection of existing information on archaeological surveys, excavations, and site records, and mapped historical data for the project area may be supplemented with additional research. This research may include contacting local historical organizations in an effort to determine if cultural resources not formally recorded are present within the project site.

AECOM will also initiate contact with the Native American Heritage Commission (NAHC) to request a search of the Sacred Lands Files and a list of suitable Native American tribal representatives from the region. AECOM will contact each individual/group on the list with a letter and follow-up phone calls if necessary to solicit any information or concerns that they might have regarding the project area.

Guided by the results of the pre-field efforts, AECOM archaeologists will conduct a field survey of the project site. The purpose of this survey will be to familiarize AECOM cultural resource specialists with the nature and extent of the project site, the locations of any previously documented cultural resources, and to record any previously unknown prehistoric or historic sites that may lie within or in the immediate vicinity of the project site. It is assumed that the field survey for cultural resources can be completed in 3 days by four archaeologists.

Upon completion of the prefield research and field survey, AECOM will prepare a stand-alone cultural resources report. A draft cultural resources report will be provided electronically to TRLIA for review and approval. Following receipt of comments and approval, this document will be finalized and six (6) copies will be transmitted to TRLIA. The report will be referenced in the IS/MND and information from the report will be incorporated into the document as appropriate.

**Deliverables:**

1. 
2. One (1) electronic copy of the draft cultural resources report
3. One (1) electronic copy and six (6) hard copies of the final cultural resources report

**CEQA TASK 2: PREPARE CEQA COMPLIANCE DOCUMENTATION**

**CEQA Task 2A. Prepare Project Description and Implement Project Start-Up Activities**
Following a project kickoff meeting with TRLIA and/or MBK Engineers (see CEQA Task 3), AECOM will prepare a project description (based on information provided by MBK Engineers) that will include the following components:

- A thorough and complete description of the proposed project, including a list of potential permitting actions and other required regulatory approvals;
- The regional and local setting, including the project location shown on a map;
- The project background, context, and history;
- The project characteristics, including on- and off-site components; infrastructure support required to serve the project; timing; construction and operational characteristics; and any other information relevant to an understanding of the project.
- Construction methods, including the number and types of construction equipment, staging and borrow areas, schedule, personnel, and phasing.
- Any project design features intended to avoid, eliminate, minimize, or reduce potential environmental impacts.

To maximize efficiency, AECOM assumes that the project description will be reviewed and approved by TRLIA and MBK Engineers before the environmental impact analysis is initiated, and no changes to the approved project description will occur. It is also assumed that the proposed project will be within the alignment identified by ENGEOS as Alternative 12 or the optional route for Alternative 12 (provided on 1/9/13); that all borrow or fill material needed for the proposed project would be obtained from within this alignment, and that the identification of new or enhanced access roads, or any other ground disturbances involved in constructing the proposed project will be completed prior to completion of the project description.

AECOM will attend up to two meetings with TRLIA and/or MBK Engineers staff, as well as affected regulatory agencies with jurisdiction over the proposed project if desired, to discuss and identify project issues to be addressed in the CEQA document (included in Task 3).

As stated in CEQA Guidelines, Section 15063 (g), Consultation, as soon as the lead agency (TRLIA) has determined that an IS will be required for the proposed project, the Lead Agency shall consult informally with all Responsible Agencies and all Trustee Agencies responsible for resources affected by the project to obtain the recommendations of those agencies as to whether an EIR or MND/ND should be prepared. AECOM will assist in determining the Responsible and Trustee agencies for the proposed project.

**CEQA Task 2B. Prepare Administrative Draft Initial Study/Mitigated Negative Declaration**

AECOM will prepare an administrative draft Initial Study/proposed Mitigated Negative Declaration (IS/MND) for the proposed 100-year alternative (proposed project).

AECOM will prepare the Administrative Draft IS/proposed MND and submit an electronic copy to TRLIA and MBK Engineers for review and comment. The Administrative Draft IS/proposed MND will be prepared using the IS checklist in accordance with Appendix G of the State CEQA Guidelines. Consequently, the IS will cover aesthetics, agricultural and forest resources, air quality, biological resources, cultural resources, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation/traffic, utilities and service systems, and mandatory findings of significance (including cumulative impacts). MBK Engineers will provide appropriate information related to hydrology. The IS is presumed to focus primarily on biological resources, land use, mineral resources, and air quality. The IS will include the following required sections:
• Project Description  
• Environmental Checklist  
• Explanation of Checklist  
• Mitigation Measures

**CEQA Task 2C. Prepare Screencheck Draft and Final Public Initial Study/Mitigated Negative Declaration**

After TRLIA provides comments on the Administrative Draft IS/proposed MND, AECOM will meet with TRLIA and/or MBK Engineers to discuss incorporation of comments into the document.

AECOM will make changes to the Administrative Draft IS/proposed MND based on the comments received from TRLIA and MBK Engineers. AECOM will then draft the Proposed IS/proposed MND as well as the required Mitigation Monitoring and Reporting Plan (MMRP). Preparation of the MMRP is covered under CEQA Task 2E below. AECOM will submit an electronic version of the Screencheck Draft IS/MND with the Draft MMRP to TRLIA and MBK Engineers.

AECOM will incorporate comments received from TRLIA and MBK Engineers on the Screencheck Draft IS/proposed MND and submit the Final Public IS/proposed MND to TRLIA for approval.

**CEQA Task 2D. Prepare Response to Comments**

TRLIA is not required to provide formal responses to any comments received on the IS/MND, but must “consider” such comments in its decision making. Following close of the public comment period and receipt of all comments, AECOM will review and discuss the comments with TRLIA and MBK Engineers and/or provide a brief written response to comments received on the publicly circulated IS/proposed MND. TRLIA will consider the public comments as required under CEQA, as well as AECOM’s written responses to comments. AECOM will provide one electronic draft of the response to comments to TRLIA and assumes that 40 hours of technical time is sufficient to address the comments appropriately.

**CEQA Task 2E. Prepare Draft and Final Mitigation Monitoring and Reporting Plan**

AECOM will prepare the Draft Mitigation Monitoring and Reporting Plan (MMRP) and submit an electronic version to TRLIA for review along with the Screencheck Draft IS/proposed MND. Following the public comment period, AECOM will incorporate revisions and submit the Final MMRP to TRLIA with the Response to Comments and “Notice of Intent to Adopt CEQA Mitigated Negative Declaration” (NOI). Preparation of the NOI is covered under CEQA Task 2F below.

**CEQA Task 2F. Prepare Draft and Final CEQA Notices**

AECOM will publish an abbreviated version of the NOI in one newspaper of general circulation in the project area (the Appeal Democrat). AECOM will also file the NOC and NOD with the State Clearinghouse and Yuba County. It is assumed that TRLIA will pay any and all fees.
associated with publication and/or filing of these notices. AECOM will circulate the IS/proposed MND to the public, responsible agencies, trustee agencies, and the county clerk, sufficiently prior to adoption by TRLIA and in accordance with CEQA Guidelines Section 15072. For budgeting purposes, up to 100 CDs will be prepared and mailed to interested parties. AECOM will provide the document electronically to TRLIA for posting on its website.

AECOM will attend the TRLIA public meeting to adopt the proposed MND.

Deliverables:

1. One (1) electronic copy of the Administrative Draft IS/proposed MND
2. One (1) electronic copy of the Screencheck Draft IS/proposed MND and Draft MMRP.
3. One hundred (100) CDs of the Final Public IS/proposed MND.
4. One (1) electronic copy of the draft “Notice of Intent to Adopt CEQA Mitigated Negative Declaration”, “Notice of Completion”, and “Notice of Determination”.
5. One hundred (100) CDs of the final “Notice of Intent to Adopt CEQA Mitigated Negative Declaration”.
6. One (1) electronic copy of the final “Notice of Completion”, and “Notice of Determination”.
7. One (1) electronic copy and 110 hard copies of the Final MMRP.
8. One (1) electronic copy of the Response to Comments (if needed).

CEQA TASK 3: Manage Project, Coordinate with TRLIA and the Project Team, and Attend Team Meetings

AECOM will communicate as necessary with TRLIA and TRLIA's project team members for compliance with the schedule, scope of work, and budget. AECOM will manage and coordinate its work efforts with TRLIA and TRLIA team members. AECOM will provide ongoing and specific strategic guidance on compliance with CEQA.

AECOM will participate in a kick-off meeting and up to seven other meetings/conference calls as needed for a total attendance at eight meetings/conference calls with TRLIA and/or other team members. The kick-off meeting is intended to discuss the details of the proposed project and review engineering materials. This meeting will also serve as a forum to identify potential additional data needs that may be required, to establish communication protocols, and discuss the overall CEQA schedule.

AECOM assumes one of the other seven meetings is to discuss comments on the administrative draft IS/proposed MND, one is to discuss public comments on the IS/proposed MND and draft response to comments.

The project kickoff meeting will be attended by AECOM's project director, project manager, and up to one other technical team member. It is assumed that all other meetings will be attended by AECOM's project manager and one AECOM technical team member, as appropriate. All meetings are assumed to be 2 hours with an additional 1 hour for preparation and 1 hour for compilation of meeting minutes and action items.

Meetings:

1. Participation in one (1) project kick-off meeting by the AECOM project director, project manager and up to one other technical team member.
2. Participation in up to 7 project meetings/conference calls by the AECOM project manager and one technical team member.

ASSUMPTIONS

This Scope of Work and Cost Estimate are based on the following assumptions:

1. Any and all assumptions defined above under each task or subtask.

2. An IS/MND is assumed to be the appropriate CEQA compliance document. If additional environmental documents (i.e., EIR, EA, EIS) are required, additional tasks, processing, and costs not part of this scope of work would be required.

3. It is assumed that no new archaeological sites will be encountered during field surveys, and recording in a manner consistent with the Secretary of the Interior’s Standards and Guidelines for Identification of Cultural Resources (48CFR 44720-23), and preparation of California Department of Parks and Recreation (DPR) Series 523 forms, along with appropriate supporting forms (e.g., Archaeological Site Record, Linear Feature Record, Site Sketch Map, Location Map) will not be required. If new archaeological sites are identified, additional tasks, processing, and costs not part of this scope of work may be required.

4. This task order does not include permitting, construction monitoring, or mitigation implementation that may be required. It only covers CEQA compliance.

5. TRLIA and its project team members will provide sufficient information to develop the Project Description section of the IS.

6. If changes to the work program are required after the Project Description is finalized based on meetings with TRLIA, project team members, responsible agencies, permitting agencies, and/or public comments on the IS/MND, an amended task order and budget augmentation may be required (no environmental analysis will be initiated until the Project Description is finalized).

7. NEPA compliance is not included in this task order.

8. TRLIA or its representative will arrange all necessary rights of entry.

9. TRLIA or its representatives will provide one copy of all existing background documents that show the location of the proposed project components and proposed ground-disturbance areas (levee improvement footprints, locations of borrow sources, truck routes, and access roads), and/or CADD or GIS files regarding the proposed project to enable AECOM to perform its work in the most efficient manner. Generally, about a 10% level of design is satisfactory.

C. Deliverables/Milestones: Deliverables/Milestones are as specified in the above Scope of Work.

COST:

Contractor shall invoice all services according to the Budget Detail and Payment Provisions and associated Labor Billing Rates. The total cost for this task order, including all costs for consulting services, shall not exceed $74,000.
SCHEDULE:

AECOM will work closely with TRLIA and its project team to determine an appropriate schedule. Typically, 3 months is necessary from definition of the project description to public release of an IS/MND.