

**FIFTH AMENDMENT
TO
AGREEMENT FOR PROFESSIONAL SERVICES
BETWEEN
THREE RIVERS LEVEE IMPROVEMENT AUTHORITY
AND
HDR ENGINEERING, INC.**

THIS FIFTH AMENDATORY AGREEMENT is made and entered into this 5th day of August 2008, 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 \$2,588,838 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 \$2,876,642; and

WHEREAS, a THIRD AMENDATORY AGREEMENT, executed August 6, 2006, increased the maximum not to exceed contract fee from \$2,876,642 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, 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 FIFTH AMENDMENT.**
- 2. Attachment B, Provision B.1 of the Agreement shall be revised to increase the maximum not to exceed contract fee by \$954,524 from \$3,817,835 to**

\$4,772,359

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

This Amended agreement is hereby executed on this 5th day of August, 2008.

"TRIA"



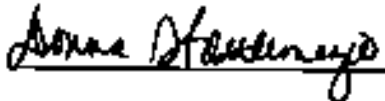
Paul G. Brunner
Executive Director

"CONSULTANT"



Randy P. Olsen
Vice President

ATTEST:
DONNA STOTTLEMEYER
CLERK OF THE BOARD



APPROVED AS TO FORM:

 for Scott Shapiro
SCOTT L. SHAPIRO
GENERAL COUNSEL

Scope of Work

**Phase 4 Levee Improvements – Upper Yuba River, South
Levee Erosion Protection and Slope flattening, Geotechnical
Investigations and Surveys**

July 29, 2008

**Three Rivers Levee Improvement Authority (TRLIA)
Marysville, California**



HDR

**2365 Iron Point Road, Suite 300
Folsom, CA. 95630**

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SCHEDULE OF PERFORMANCE

PROPOSED FEE

PROJECT OVERVIEW

Engineering analyses and design, geotechnical investigations and analyses, topographic data acquisition, supporting environmental services, definition of DWR EIP Projects and FEMA Levee Certification documentation (as appropriate) have been requested for a portion of the south Yuba River levee, which protects a portion of Reclamation District No. 784 (RD 784). The reach of the Yuba River South Levee to be addressed under this contract extends from SR70 to its terminus at the Yuba Gold Fields (reach includes the "Patrol Road" section of the south levee). The requested work represents a portion of the total work identified to be accomplished under Phase 4 of the levee repair program being implemented by Three Rivers Levee Improvement Authority (TRLIA). This effort is in addition to the levee repair work HDR (CONSULTANT) has previously accomplished for levee repairs to the Bear River, Western Pacific Interceptor Canal (WPIC) and Yuba River levees (Phase 2 work).

The services to be provided to the TRLIA under this contract include: geotechnical investigations and lab testing, topographic data acquisition, preliminary engineering and alternatives analyses, preparation of Technical Memos, preparation of a Problem Identification Report, development of final construction documents (plans, specifications, and construction cost estimate); preparation of Basis of Design documents, construction permit application preparation, environmental analyses and documentation, preparation of DWR EIP project documentation, and preparation of FEMA Levee Certification documents (as required).

The objective of the project is to identify problems and provide corrective information and documents (PIRs, TMs, PS&E and environmental documentation) to support repair of the levee in this reach in order to achieve FEMA certification. This project in and of itself will not achieve FEMA certification for the entire RD 784 area, but is a component of the total FEMA certification effort.

PROJECT TASKS

Task 1- Project Management

1.1. Project Management

Project management is the application of knowledge, skills, tools, and techniques to project activities in order to meet or exceed client needs and expectations from a project. Meeting or exceeding client needs and expectations invariably involves balancing competing demands among:

- Scope, time, cost, and quality.
- Stakeholders with differing needs and expectations.
- Identified requirements and unidentified expectations.

HDR's project manager will manage the scope, schedule and budget for all project activities, being performed by HDR staff and subconsultants. In addition, the project manager will coordinate with the client, program manager, agencies and other stakeholders throughout the duration of the project.

Assumption:

- Project duration: July 2008 to June 2009.

1.2. Project Guide

CONSULTANT will develop a Project Guide that includes objectives, organization, scope of services, schedule, budget, QA/QC program, design criteria, communications, document control, cost controls, invoicing and reporting.

Deliverables:

- Project Guide (2 copies).
- Project Schedule (2 copies).

1.3. Project Kick-Off Meeting

CONSULTANT will attend a project kick off meeting with TRLIA, MBK and other interested organizations (e.g., USACE, RD 784, etc.). At the meeting, the purpose, goals, timeline, design criteria, deliverables schedule and defined objectives of Scope of Work will be discussed. Consensus will be reached on the technical aspects of the project. Environmental documentation and construction permitting will be discussed.

Deliverables:

- Meeting notes (2 copies).

Assumptions:

- One four-hour meeting.

1.4. Monthly Status Meetings

CONSULTANT will coordinate monthly teleconferences with TRLIA to discuss project progress and issues that may affect project efforts or schedule. Appropriate CONSULTANT team members in addition to the PM will participate as needed.

Deliverables:

- Meeting notes (2 copies).

Assumptions:

- One 2 hour meeting will be required each month.

1.5. Monthly Progress Reports

CONSULTANT will prepare monthly progress reports that document project activities and update the project schedule and budget.

Deliverables:

- Progress reports (2 copies).

1.6. Quality Control

CONSULTANT will prepare a Quality Control Plan (QCP) which will provide the policies and specific actions that will be taken to ensure that high quality products are on time and within the specified budget. The QCP will define CONSULTANT's management philosophy, approach and process for providing TRRIA with deliverables and supporting documents that are complete, conform to established standards and meet or exceed the expectations of CONSULTANT and TRRIA. The Quality Control team will review technical approach as well as all deliverables submitted to TRRIA.

Deliverables:

- QC Plan (included in Project Guide).

Assumptions:

- QC reviews will be completed for all major deliverables; QC documentation available upon request.

1.7. Agency Coordination

CONSULTANT will facilitate coordination between TRRIA, USACE, DWR, RD 784, CVFPB and other involved agencies as required during the duration of the project.

Deliverables:

- Meeting notes, telephone conversation records and correspondence will be provided as requested (2 copies).

Task 2 - Upper 1,500 ft. of Patrol Road (Develop Erosion Protection Project)

2.1. Alternatives Analysis - CONSULTANT to analyze alternative methods to prevent future erosion damage that occurred during the January 1997 floods along the upper 1,500 feet of the South Yuba River Levee Patrol Road. Feasibility level alignments, plans, environmental mitigation requirements and preliminary cost estimates to developed for each practicable alternative identified. A comparative analysis to be performed and the preferred alternative to be identified.

2.1.1. Alternatives - CONSULTANT to analyze the following alternative solutions, as a minimum. Any additional alternatives identified during the analysis process that may be deemed worthy of consideration shall be coordinated with /approved by the TRRIA before including in the analysis effort.

- a. Install Rock Erosion Protection Along Toe of Levee
- b. Install Diversion Berm and Channel

2.1.2. Supporting Activities - CONSULTANT shall acquire all supporting information required to effectively support the alternatives analysis process. As a minimum, the following information shall be obtained:

2.1.2.1. Update Existing Survey Data - CONSULTANT [SURVEY SUBCONSULTANT] shall obtain a survey of the area to the East and North of the upper end of the Patrol Road. Area to be surveyed shall include approximately a 1,500 foot long by 300 foot wide corridor along the Yuba Gold Fields South Western property boundary. Survey to also include a small portion of the walnut orchard North of the Patrol Road and the natural Yuba River distributary dry channel that lies immediately North of and adjacent to the walnut orchard. The specific location / boundary of the survey shall be identified during a site visit. The survey shall produce a 1 foot contour interval map of the area defined.

2.1.2.2. Develop Geotechnical Information from Existing Data - To support the alternatives analysis, CONSULTANT to review geotechnical data currently existing for the area and develop geotechnical parameters required for the study.

2.1.2.3. Develop Supporting Environmental Information - CONSULTANT to accomplish environmental investigations to a level of effort required to support the alternatives analysis.

2.1.3. Prepare Alternatives Report - CONSULTANT to prepare a report that clearly defines each alternative considered and presents the rationale for the recommended alternative. Information shall include: feasibility level alignments, plans, environmental mitigation requirements and preliminary cost estimates for each practicable alternative identified. A comparative analysis shall be presented that clearly identifies the rationale for the recommended alternative.

2.1.4. Quality Control - The Alternatives Analysis Report submittal will undergo an internal quality assurance/quality control review conducted by the CONSULTANT, per the project Quality Control Plan (QCP), prior to submittal.

2.1.5. Coordination with USACE, DWR, RD784, TRRIA, and Yuba Gold Fields - CONSULTANT to coordinate with listed organizations, as required, during the Alternatives Analysis effort.

2.2 Prepare PS&E for Protection from Erosion Damage Along Toe of Patrol Road Levee (based on recommended plan from alternatives study) - CONSULTANT to design an erosion protection plan and develop PS&E documents to support bidding and award of a construction contract to provide erosion protection for the patrol road levee.

2.2.1. Prepare 30% PS&E - CONSULTANT to analyze the existing condition, determine the most appropriate technical approach to implement the recommended erosion protection plan, identify environmental mitigation requirements and prepare preliminary PS&E documentation to submit to the TRRIA, USACE and DWR for review and comment.

2.2.2. Prepare 100% PS&E - Considering review comments received from the 30% PS&E submission, CONSULTANT to develop the 100% (final) PS&E documents and the bid package set for advertising the construction contract.

2.2.3. Acquire Geotechnical Data - CONSULTANT to accomplish two (2) geotechnical exploration foundation borings in locations to be specified during a site visit. Each boring hole shall be 20 feet in depth. CONSULTANT to record near continuous SPT blow count information for each boring, and accomplish geotechnical lab testing on the materials encountered in this exploration effort. Information to be developed includes: Boring logs that include the SPT blow count information and lab test data (gradation analyses, index properties, atterberg limits, and hydrometer tests).

2.2.4. Prepare Environmental Documents - CONSULTANT to perform an environmental survey / inventory of the erosion protection project site. Specific attention to be given to the Elderberry Bush population in the area. An environmental mitigation plan addressing Elderberry Bush impacts and any other environmental impacts shall be developed and fully coordinated with the USFWS and DFG; appropriate NEPA/CEQA documents to be developed.

2.2.5. Acquire Real Estate Easements - CONSULTANT will coordinate acquisition of temporary and/or permanent easements / ROW to support construction of the erosion protection project. Required documentation supplied to TRLIA to support acquisition of easements.

2.2.6. Prepare Construction Permit Packages - CONSULTANT will determine and prepare required construction permit application packages for TRLIA to submit to appropriate agencies.

2.2.7. Contract Advertisement and Construction Inspection Support - CONSULTANT to provide TRLIA support during contract advertisement and on-site construction management / inspection services.

2.2.8. Quality Control - The 30% and 100% PS&E documents will undergo an internal quality assurance/quality control review conducted by the CONSULTANT, per the project Quality Control Plan (QCP), prior to submittal.

2.2.9. Coordination with USACE, DWR, RD784, TRLIA, and Yuba Gold Fields - CONSULTANT to coordinate with listed organizations, as required, during preparation of the 30% and 100% PS&E documents.

Deliverables:

- 30% PS&E documents (6 copies)
- 100% PS&E documents (6 copies)
- NEPA/CEQA Documents and Environmental Mitigation Plan (6 copies)
- Real Estate Easements, Acquisition Documents (3 copies)
- Construction Permit Packages (3 copies for each permit)

Assumptions:

- Survey elevation and location data to be based on NGVD 29 and NAD 83 datum, respectively.
- Follow USACE Sacramento District technical criteria and CAD standards for all PS&E documents developed.
- Utilize services of geotechnical testing laboratory that is acceptable (certified) by USACE and DWR.

□ Real estate efforts required to secure Rights of Entry for geotechnical and environmental activities to be performed by others. ROE documentation to be developed by others and provided to the CONSULTANT at the start of the project.

Task 3 - Simpson Lane to End of Patrol Road (Levee Geotechnical Investigations and Problem Identification Report)

3.1. Geotechnical Explorations - CONSULTANT to accomplish a geotechnical exploration program along the south levee of the Yuba River from Simpson Lane to the end of the "Patrol Road"; a reach approximately 3.8 miles (20,000 feet) long.

- a. Borings to be located every 1,000 feet within the reach; including end points
- b. Two holes to be drilled at each location (20 locations; 40 holes)
 - 1) One hole at centerline of levee - minimum depth of 4 times height of levee.
 - 2) One hole at land side toe of levee - minimum depth of 3 times height of levee.
 - 3) Every 5,000 feet, boring to be extended sufficiently to determine level of cutoff stratum below the levee.
- c. Near continuous SPT blow count data to be taken and recorded for each hole.
- d. Drill logs to be developed for each hole; SPT data to be displayed.

3.2. Geotechnical Lab Testing - CONSULTANT to provide, as a minimum, the following lab testing and documentation:

- a. Gradation analyses of the soil types encountered
- b. Index properties of the soil types encountered
- c. Atterberg limits of the soil types encountered
- d. Hydrometer tests of the soil types encountered
- e. Drained and undrained Triaxial Shear tests (Two sets of tests for the reach).

3.3. Levee Seepage and Stability Analysis - CONSULTANT to perform levee through and under seepage analyses and levee stability analysis for the reach. Analyses to follow governing USACE, DWR and FEMA criteria and guidelines required to support levee certification by FEMA for a 100 year level of protection. Analyses also to evaluate the performance characteristics of the levee during a 200 year event.

All required hydrologic and hydraulic information necessary to support the levee seepage and stability analyses, including the determination of the 100-year and 200-year water surface elevations, will be performed by others and provided to CONSULTANT. This information to be provided to the CONSULTANT by the start date of this project.

3.4. Identify Modifications by Sub Reach Required for FEMA Certification - For sub reaches identified as not meeting performance standards to allow FEMA certification, corrective actions to be identified, analyzed and specific recommendations made by the CONSULTANT to bring these sub reaches into a FEMA certifiable condition. Similarly, the levee is also to be evaluated by the CONSULTANT for its ability to safely pass a 200 year event. If deficient areas are identified, CONSULTANT is to identify, analyze and make specific recommendations for corrective actions required to allow safe passage of a 200 year event.

3.5. Prepare Problem Identification Report (PIR) - CONSULTANT to prepare a comprehensive levee Problem Identification Report (PIR) fully addressing the levee exploration and lab testing program implemented as well as the analyses, findings and recommendations. This PIR effort will be an update to the PIR developed by Kleinfelder for this area in February 2006. A boring log map of the levee reach showing locations and coordinates of all boring holes

is to be developed and presented in the PIR. Additionally, a map of the levee reach showing where corrective actions are required shall also be developed and presented in the PIR; supported with cross sections depicting recommended corrective actions by sub reach. All boring logs, lab testing data, and technical calculations to be presented in appendices to the PIR.

3.6. Quality Control - The PIR submittal will undergo an internal quality assurance/quality control review conducted by the CONSULTANT, per the project Quality Control Plan (QCP), prior to submittal.

3.7. Coordination with USACE, DWR, RD784, TRRIA - CONSULTANT to coordinate with listed organizations, as required, during the exploration and lab testing and during development of the PIR.

Deliverables:

- Problem Identification report (10 copies)

Assumptions:

- CONSULTANT to utilize services of testing laboratory that is acceptable (certified) by USACE and DWR.
- Real estate efforts required to secure Rights of Entry for boring activities to be performed by others. ROE documentation to be developed by others and provided to the CONSULTANT at the start of the project.

Task 4 - Simpson Lane to End of Patrol Road (Confirmatory Surveys)

4.1. Acquire Centerline Profile of Levee Crown - CONSULTANT [SURVEY SUBCONSULTANT] to perform a profile survey of the crown of the levee along its centerline. A sufficient number of survey shots shall be taken to allow for a profile accuracy of plus or minus 3 inches.

4.2. Acquire Levee Cross Sections - CONSULTANT [SURVEY SUBCONSULTANT] to obtain levee cross sections at 500 foot intervals along the levee and stability berms (to include a cross section at the beginning and end of the reach). Additional cross sections shall also be taken at locations where there is a noticeable change in the normal levee section (e.g., locations of road access ramps, locations where either land side or water side slopes of the levee section have been significantly altered by natural or human activities, where fill material has been placed adjacent to levee for homes and/or out buildings, or where utilities penetrate the levee). A sufficient number of the additional sections shall be taken to effectively define the nature and extent of each levee anomaly.

Each cross section to be taken perpendicular to the levee centerline and extend 200 feet out from the land side toe and 200 feet out from the water side toe of the levee. The number of shots taken to establish each section shall be consistent with the level of effort required for 1 foot contour interval surveys / mapping. Accuracy of each point shot shall be plus or minus 3 inches. If a drainage ditch is encountered in any section, the invert elevation shall be obtained.

4.3. Prepare Technical Memorandum (TM) Comparing new Profile and Cross Sections to Existing Comprehensive Study Survey Data

- a. Narrative - CONSULTANT to develop a comprehensive TM narrative addressing the survey process, procedures, controls and findings.

b. **Levee Centerline Profile and Cross Sections - CONSULTANT [SURVEY SUBCONSULTANT]** to develop a sufficient number of plates to accurately define / depict the centerline profile and cross sections of the levee reach cited. Final plates to be presented as an appendix to the TM. Plates to be electronically developed and comply with USACE Sacramento District CAD standards. Survey Subconsultant to provide full size (22"x34") stamped original and two (2) copies of each plate developed. All plates shall be easily read when plates are reduced to 11x17 size. Survey Subconsultant to provide CD containing survey data obtained and electronic files for each plate developed.

c. **Comparative Profile and Cross Section Plates - CONSULTANT** to develop and present, in an appendix to the TM, plates which show the comparison between the new survey data acquired under this contract and the prior Comprehensive Study survey data for this reach. Plates to be electronically developed and comply with USACE Sacramento District CAD standards. All material presented shall be easily read when plates are reduced to 11x17 size.

4.4. Quality Control - The Survey TM submittal will undergo an internal quality assurance/quality control review conducted by the CONSULTANT and SURVEY SUBCONSULTANT, per the project Quality Control Plan (QCP), prior to submittal.

4.5. New Survey; If required (mod to this contract) - If the Survey TM indicates important / significant differences in the new profile and cross section data obtained under this contract from the survey data acquired for the Comprehensive Study developed by the USACE Sacramento District, a new detailed survey of the levee reach will be conducted and a new 1 foot CI map will be developed for the levee reach. If this effort is required, a modification to this contract will be affected to accomplish the survey and mapping.

Deliverables:

- Technical Memo (TM) (6 copies)
- Full size (22"x34") plates of new centerline profile and cross sections (stamped by survey subconsultant) and plates comparing new data to Comprehensive Study survey data (3 copies of each plate)
- CD containing new survey data obtained and electronic file for each plate developed.

Assumptions:

- Survey elevation and location data to be based on NGVD 29 and NAD 83 datum, respectively.
- Follow USACE Sacramento District CAD standards for all plates developed.
- Real estate efforts required to secure Rights of Entry for survey activities to be performed by others. ROE documentation to be developed by others and provided to the CONSULTANT at the start of the project.

Task 5 - SR 70 to UPRR (Flatten Water Side Levee Slope)

5.1. Research and Acquire Existing Levee Topographic Data - CONSULTANT research availability of and acquire existing levee topographic data for subject levee reach (potential sources: USACE Comprehensive Study and project O&M files; DWR / CVFPB project files; RD 784 files; County files).

5.2. Identify Levee Sub Reaches with WS Slopes steeper than 3 on 1 - CONSULTANT to review topographic data acquired to determine sub reaches that have water side levee slopes steeper than 3 on 1.

5.3. Develop Technical Memo Addressing Findings and Recommendations - CONSULTANT to develop a TM citing topographic data found, specifically identify areas that require slope flattening in narrative format and on a plan view of the levee reach, recommended approach to flatten levee slope, parametric cost estimate to accomplish the flattening, and any follow on actions required to support development of PS&E for a levee flattening contract.

5.4. Quality Control - The Slope Flattening TM submittal will undergo an internal quality assurance/quality control review, per the project Quality Control Plan (QCP), prior to submittal.

5.5. Acquire Detailed Surveys of Levee Sub Reaches Identified in 6.2. (mod to this contract) - If required, CONSULTANT to acquire detailed surveys of the areas in which levee water side slope flattening is required.

5.6. Acquire Detailed Geotechnical data of Levee Sub Reaches Identified in 6.2. (mod to this contract)- If required, CONSULTANT to acquire geotechnical data for the areas in which levee water side slope flattening is required.

5.7. Develop PS&E to Provide 3 on 1 WS Levee Slopes (mod to this contract)- If required, CONSULTANT to develop PS&E for a construction contract to accomplish any levee water side slope flattening.

Deliverables:

Technical Memo (TM) (6 copies)

Assumptions:

Sufficient existing topographic data is available upon which to base the required evaluation.

Task 6 - Simpson Lane to End of Patrol Road (FEMA Levee Certification Package; if no problems are identified in Task 3)

6.1. Review Problem Identification Report (PIR) findings; acquire any additional analyses required to support FEMA certification package - CONSULTANT to review all information developed under Task 3 and integrate with any additional analyses/data required to prepare a complete levee certification package acceptable to FEMA. All required Geotechnical information, associated QA/QC and certification shall be obtained from Kleinfelder (PIR Report and any required additional analyses). All required Hydrologic and Hydraulic information, associated QA/QC and certification shall be obtained from studies developed by MBK Engineering. It is assumed that all required levee Operation & Maintenance information and As-Built construction documentation and certification will be available through RD784, USACE Sacramento or DVR.

6.2. Prepare FEMA Levee Certification Documents - CONSULTANT to compile a levee certification package that is compliant with all FEMA certification requirements and procedures. The FEMA Levee Certification package shall be developed in accordance with CFR 44 Section 65.10 requirements. The package shall be developed using the FEMA MT-2 form as a template. Final product delivered to TRLIA shall be ready for direct submission to FEMA. The Geotechnical information to be professionally sealed by Kleinfelder. The H&H information to be professionally sealed by MBK. TRLIA or it's representative shall professionally seal the overall levee certification package.

6.3. Coordination with FEMA, USACE, RD784, TRLIA - CONSULTANT to coordinate with listed organizations, as required, during development of the FEMA Levee Certification package to ensure a viable/approvable document.

6.4. Quality Assurance - The FEMA Levee Certification package will undergo an internal quality assurance/quality control review, including an Independent Technical Review by senior HDR personnel experienced in levee analysis, design and FEMA certification documentation, for quality assurance purposes prior to submittal to TRLIA. The QA/QC review shall include a compliance review to validate that the FEMA MT-2 forms have been appropriately completed and adequately address required technical information developed by Kleinfelder and MBK, and O&M and As-Built information received from RD784, USACE or DWR. Kleinfelder and MBK to provide documentation validating accomplishment of their own QA/QC efforts.

Deliverables:

- FEMA Levee Certification Package (6 copies)

Assumptions:

- Sufficient information will be obtained during the PIR evaluation conducted in Task 3 to supply essentially all technical information required to support development of the FEMA levee certification documents.

Task 7 - SR 70 to End of Patrol Road (Finalize DWR EIP Project Documents)

7.1. Finalize DWR EIP Project Proposals - CONSULTANT to finalize draft EIP project proposals developed under the separate EIP Project contract tasking.

7.2. Quality Control - The EIP project documents will undergo an internal quality assurance/quality control review, per the project Quality Control Plan (QCP), prior to submittal.

Deliverables:

- EIP Project Proposals (6 copies of each proposal)

Assumptions:

- EIP project documentation will be based on currently existing information augmented by data developed under this contract. The proposals will not be based on detailed designs. The plans and costs presented will be of a preliminary nature, but will reflect a sufficient amount of conservatism that is intended to bound the likely configuration and cost of the fully designed projects.

SCHEDULE OF PERFORMANCE

[REDACTED]	[REDACTED]
Task 1 - Project Management	Ongoing
[REDACTED]	[REDACTED]
Task 3 - Geotechnical Investigations and PIR	210 days after Kickoff Meeting
[REDACTED]	[REDACTED]
Task 5 - Flatten Water Side Slope of Levee	120 days after Kickoff Meeting
Task 6 - FEMA Levee Certification Package; if no problems are identified in Task 3	120 days following direction to proceed
Task 7 - Finalize DWR EIP Project Documents	60 days following direction to proceed

