



**SUBMITTAL TO THE FLOOD CONTROL AND
WATER CONSERVATION DISTRICT BOARD
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

904B

FROM: General Manager-Chief Engineer

SUBMITTAL DATE:

June 14, 2011

SUBJECT: Eagle Canyon Dam
Project No. 6-0-00190
Amendment No. 1 to Consulting Services Agreement

RECOMMENDED MOTION:

Ratify the Amendment to Consulting Services Agreement between the District and RBF Consulting extending the time for performance retroactively to January 31, 2011 and authorize the Chairman to execute the Amendment on behalf of the District.

BACKGROUND:

The Consulting Services Agreement (Agenda item 11.2, February 24, 2009) authorized the District to retain consultant to provide environmental services in support of the District's Eagle Canyon Dam Project.

(continued on page 2)

KEC:blj

WARREN D. WILLIAMS
General Manager-Chief Engineer

**FINANCIAL
DATA**

Current F.Y. District Cost: \$93,919
Current F.Y. County Cost: N/A
Annual Net District Cost: \$34,535

In Current Year Budget: Yes
Budget Adjustment: No
For Fiscal Year: 10-11, 11-12

SOURCE OF FUNDS:

25160 947500 525440 – Professional Services

Positions To Be Deleted Per A-30 ☐

Requires 4/5 Vote ☐

C.E.O. RECOMMENDATION:

APPROVE

BY: Michael R. Shetler
Michael R. Shetler

County Executive Office Signature

MINUTES OF THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT

On motion of Supervisor Stone, seconded by Supervisor Benoit and duly carried, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Buster, Tavaglione, Stone and Benoit
Nays: None
Absent: Ashley
Date: June 14, 2011
xc: Flood

Kecia Harper-Ihem
Clerk of the Board

By: Kecia Harper-Ihem
Deputy

Prev. Agn. Ref.: 11.2, 2/24/09

District: 4th

Agenda Number:

11.6

ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD

FORM APPROVED COUNTY COUNSEL
BY: NEAL R. KIPNIS DATE: 5/20/11
FISCAL PROCEDURES APPROVED
BY: WILLIAM M. CHAND FINANCE DIRECTOR
BY: JEANNE REY-HAWKINS

Consent ☐ Policy ☐
Consent ☐ Policy ☐

Dep't Recomm.:
Per Exec. Ofc.:

**FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD SUBMITTAL
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

SUBJECT: Eagle Canyon Dam
Project No. 6-0-00190
Amendment No. 1 to Consulting Services Agreement

SUBMITTAL DATE: June 14, 2011
Page 2

FINANCIAL:

Sufficient funds are included in District's budget for FY 2010-11. Additional funds will be included in the District's budget for Fiscal Year 2011-12.

BACKGROUND:

Prior to completion, the contract term expired and the term of service requires an extension through the end of FY 2011-12. A required addendum to the Environmental Impact Report will necessitate additional tasks be performed. The Amendment will increase the scope of the original assigned tasks.

County Counsel has approved the Amendment as to legal form and the Consultant has executed the Amendment.

KEC:blj

MAY 26 2011

Eagle Canyon Dam
Project No. 6-0-00190
Amendment No. 1 to Consulting Services Agreement

RECEIVED

The RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, hereinafter called "DISTRICT" and RBF CONSULTING, hereinafter called "CONSULTANT", previously entered into that certain Agreement, dated February 4, 2009, hereinafter called "AGREEMENT"; and

AGREEMENT expired on December 31, 2010.

DISTRICT desires to extend the time for performance commencing on January 1, 2011 through June 30, 2012.

DISTRICT desires to amend the scope of work and work product as contained in AGREEMENT. As a result, an updated Attachment "A" and Attachment "B" replace their counterparts in AGREEMENT in order to reflect the increased scope of work and are attached hereto; and

NOW, THEREFORE, DISTRICT and CONSULTANT mutually agree to amend the AGREEMENT as follows:

Section 3 is amended to read:

3. TIME FOR PERFORMANCE

CONSULTANT shall continue performance of services and shall diligently perform the tasks to full completion by June 30, 2012.

Section 4 is amended to read:

4. CONSULTANT'S COMPENSATION AND PAYMENT

CONSULTANT'S compensation and payment shall be for additional actual services provided in an amount not to exceed thirty four thousand five hundred and thirty five dollars (\$34,535). All billings shall be in accordance with CONSULTANT'S "Scope of Work",

1 attached hereto as Attachment "A", and "Fee Schedule", attached hereto as Attachment "B" and
2 made a part hereof. CONSULTANT shall invoice DISTRICT for "Deliverable Items" as shown
3 in Attachment "B" based on a lump sum not to exceed for each deliverable upon delivery or
4 performance of said items. The total compensation under this Amendment and AGREEMENT
5 shall not exceed four hundred sixteen thousand seven hundred and twenty five dollars (416,725)

6 Except as specifically modified herein, all other provisions of AGREEMENT shall
7 remain in effect and unchanged.
8

9 //

10 //

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on

JUN 14 2011

(to be filled in by Clerk of the Board)

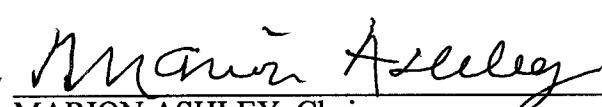
RECOMMENDED FOR APPROVAL:

**RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT**

By


WARREN D. WILLIAMS
General Manager-Chief Engineer

By


MARION ASHLEY, Chairman
Riverside County Flood Control and Water
Conservation District Board of Supervisors

APPROVED AS TO FORM:

ATTEST:

PAMELA J. WALLS
County Counsel

KECIA HARPER-IHEM
Clerk of the Board

By


NEAL KIPNIS
Deputy County Counsel

By


Deputy

(SEAL)

Amendment No. 1 to Consulting Services Agreement
Eagle Canyon Dam-RBF Consulting
4/27/11
KEC:blj

JUN 14 2011 11.6

RBF CONSULTING

By


JOHN GIFFORD

Vice President-Environmental

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

Amendment No. 1 to Consulting Services Agreement
Eagle Canyon Dam-RBF Consulting
4/27/11
KEC:blj



SCOPE OF WORK

Project Understanding

The Riverside County Flood Control and Water Conservation District (District) wishes to hire a consultant to perform environmental services for the Eagle Canyon Dam and Debris Basin Project (Project). Desired work includes review and analysis of existing environmental studies and design documents, preparation of environmental documents that meet the requirements of the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA), defining and recommending project alternatives, and assistance in obtaining appropriate permits and releases to accomplish the work.

Under CEQA, an Environmental Impact Report (EIR) must be prepared whenever a fair argument can be made that the project will have a significant effect on the environment. Under NEPA, preparation of an Environmental Impact Statement (EIS) is advised when significant impacts to significant resources are anticipated. For the purposes of this proposal, RBF assumes that a combination EIR/EIS will be prepared. If, upon review of the relevant data, RBF in consultation with the District decide that an Environmental Assessment (EA) is a more fitting level of analysis, reduced pricing and schedule adjustments would be made as appropriate.

Preparing a combined EIR/EIS requires particular expertise in both CEQA and NEPA regulations. The RBF Team includes key personnel with extensive experience in the successful development and review of large projects using the combined format. Our experience includes close coordination and cooperation of the involved federal, State, and local agencies engaged in preparing the joint EIR/EIS and in coordinating their roles and responsibilities in the process.

Teaming Partners

For the Eagle Canyon Dam project, RBF has selected Leighton Consulting, Inc., RGA Environmental, Inc. and BonTerra Consulting as teaming partners. Leighton will provide expert review and analysis of the geotechnical aspects of environmental review. RGA has unsurpassed expertise in hazardous materials and soils. They have been added to the team to analyze existing data and to review field surveys. Finally, BonTerra was retained to provide expert regional review and analysis of biological, cultural, and paleontological resources. Each of these team members was selected specifically because of their relevant experience and expertise. More information about each company can be found in Section 2 – Project Team.

Issues and Approach

RBF understands that the work involves development and/or review of various environmental reports and documents relating to the site and its historical uses. We further understand that, because of those previous uses, particular attention must be given to hazardous materials reports and investigations and their resultant impacts on water resources. RBF, with our teaming partners, are fully able to successfully perform of all aspects of the work.

RBF, with the District, will engage the resource and regulatory agencies and stakeholders early in the process to educate them on the problems, solicit input and scoping, and develop an ongoing dialogue. RBF will meet individually with the entities to develop trust and to minimize surprises or misunderstandings.

RBF will prepare reports and documents pursuant to the requirements of the CEQA, NEPA, and the County of Riverside's adopted CEQA procedures. Deliverable products will be developed for the Project upon completion of environmental review and evaluation. These deliverables will be produced in cooperation with the District personnel and associated state and federal agencies.

Introduction



The following is a detailed scope of work to provide professional consulting services for Environmental and Permit Services for the Eagle Canyon Dam and Debris Basin project. This scope of work is based on the requirements stated in the Request for Proposal, review of related documents, our understanding of the project, and our experience in completing similar environmental documentation and permitting efforts.

TASK 1 – PROJECT MANAGEMENT AND ADMINISTRATION

Mr. John Gifford will be responsible for management and supervision of the EIR/EIS Project Team as well as consultation with the Riverside County Flood Control and Water Conservation District. Mr. Gifford, with the assistance of RBF staff personnel, will consult with state and local agencies regarding this environmental document. Mr. Gifford will perform overall project management, meeting leadership, progress monitoring and maintenance of project files. Ms. Ruth Villalobos will provide senior project management oversight and support, as well as regulatory agency liaison. RBF will perform project administration, coordination, and management for the project. RBF will supervise, coordinate, monitor and review for conformance with District standards, policies, and procedures. NEPA/CEQA compliance will be in conformance with the appropriate environmental laws, regulations, policies and procedures required by the multiple federal, state and local agencies.

Progress meetings will be held monthly. The meetings will have a standard outline for the agenda recommended by RBF and reviewed and approved by the District. The agenda will include progress to date, upcoming activities for the next month, progress associated with the schedule, tracking of the budget, issues to be resolved and the responsible person to do so. RBF will arrange the meetings, provide discussion materials and agendas, and develop and distribute meeting notes. RBF will prepare a format and information to be provided in monthly progress reports and will work with the District to finalize the data desired in the reports. RBF will document all project decisions and distribute correspondence copies to Project Team members as appropriate. The schedule and budget provided herein utilized the parameters described in the RFP. A detailed schedule and budget will be reviewed and approved by The District. RBF will continuously monitor the schedule and budget to ensure effective progress.

TASK 2 – COLLECT AND REVIEW EXISTING DATA

RBF project team members are intimately familiar with the region from past work within the adjacent areas. RBF will collect and review existing data and reports, both published and unpublished to describe the conditions of the area and to utilize to develop the details for the proposed array of alternatives, analyze environmental impacts, and assist the District in determining the recommended alternatives as required under CEQA/NEPA.

2.1 KICK OFF MEETING/SCOPE REFINEMENT

The work effort will be initiated with a formal kick-off meeting with District personnel to discuss the project in greater detail, including the project approach and alternatives for the design and construction of the site. The District will review the approach and provide any changes to RBF. The initial meeting is vital to the success of the environmental process and will be a key milestone in order to confirm the parameters of the analysis, the construction operations and maintenance requirements, key assumptions, known regulatory conditions, scheduling and overall communications. Prior to the kick-off meeting, RBF will distribute a kick-off meeting agenda and detailed memorandum addressing information needs. Based on the detailed project information obtained at the kick-off, RBF will draft a preliminary project description for review and approval by the District.

2.2 RESEARCH AND INVESTIGATION

RBF will obtain applicable reference material and previous reports to analyze data necessary to prepare the EIR/EIS. We will also review requirements of the resource/regulatory agencies, including US Army Corps of Engineers, US Fish and Wildlife Service, US Environmental Protection Agency, California Department of Fish



and Game, State Historic Preservation Office, and South Coast Air Quality Management District for any applicable readily available data.

2.3 AGENCY CONSULTATION

In addition to the Notice of Preparation/Notice of Intent and Public Scoping session meeting (refer to Task 5.0 regarding public meetings), RBF will conduct additional discussions with local, state and federal agencies which will assist in the early stages of the analysis and issue delineation.

2.4 FIELD RECONNAISSANCE

As a part of the early scoping for the Project, RBF will conduct a reconnaissance-level field study of the Project site, reviewing existing environmental conditions.

TASK 3 – REFINE PROJECT ALTERNATIVES AND PHASING

RBF will review the Project alternatives developed by the District and any other alternatives suggested during the public scoping process. RBF will recommend any changes to construction methods and equipment, construction schedules, and operations and maintenance methods to avoid or minimize environmental impacts. It is assumed the engineering and costs for the various features of the proposed project will be provided by the District. RBF will work with the District to clearly define and describe each alternative for inclusion in the EIR/EIS.

TASK 4 – PREPARE INITIAL STUDY AND NOTICE OF PREPARATION

4.1 INITIAL STUDY & RECONNAISSANCE REPORT

Based upon early consultation with the District, local/state/federal agencies, RBF will prepare an Initial Study. RBF will evaluate potential significant impact areas in conformance with an approved District environmental checklist. As an option (without any change in proposed budget), RBF may prepare an Expanded NOP instead of the Initial Study under CEQA guidelines. This will require less time and provide more flexibility in defining the project at the early stages.

4.2 NOTICE OF PREPARATION & NOTICE OF INTENT

RBF will prepare a Notice of Preparation/Notice of Intent (NOP/NOI) for review and approval by the District. Once approved, RBF will send the NOP/NOI to the appropriate state and federal agencies and distribute the document to cooperating, responsible, trustee, and other interested/relevant agencies. Distribution will be based on a District-approved distribution list to be prepared and maintained by RBF in conjunction with The District. This task includes certified mailing of up to 75 notices to affected agencies and interested parties. RBF assumes that posting in the local newspaper and any radius mailing will be provided by the District. Comments received in response to the NOP will be evaluated during the preparation of the EIR/EIS.

TASK 5 – SCOPING MEETING

RBF will work with The District in arranging and conducting a public scoping meeting and site visit for the public and responsible agencies. RBF assumes that The District will provide and arrange for meeting locations and prepare a public scoping meeting notice. RBF will attend the public scoping meeting, to be facilitated by The District, prepare a PowerPoint presentation about the topics that will be addressed in the EIR/EIS, and will prepare a summary of issues identified at the scoping meeting. This task assumes attendance by three (3) RBF staff persons for up to thirty-two (32) hours including time for meeting preparation, attendance and follow-up.

TASK 6 – DRAFT EIR/EIS

RBF's overall approach will be to prepare a Project EIR/EIS that provides the District with appropriate clearances. To do so, RBF will prepare a Project level impact and mitigation section for each impact topic for each of the selected Project Alternatives. In addition to the primary topics of analysis proposed below, each



section of the EIR/EIS will evaluate construction impacts of the proposed project, access points, and potential operations and maintenance impacts.

6.1 ADDITIONAL TECHNICAL STUDIES

If required, and at the direction of the District, RBF may identify additional technical studies to complement and clarify existing reports. These additional studies may be performed by RBF, a Teaming Partner or other qualified consultant. In each case the recommended studies will be designed in conjunction with, and approved by, District staff. Such additional reports are not inclusive of investigations that are typical in the preparation of an EIR/EIS. These typical reports and investigations may include:

- ✓ Standard Site Biology Survey And Jurisdictional Delineation and Biological Assessment
- ✓ Archaeological and Historical Resources Report
- ✓ Hydrology and Water Quality Technical Study
- ✓ Groundwater Impacts
- ✓ Air Quality and Climate Change Analysis
- ✓ Acoustical Analysis

6.2 PREPARATION OF SCREENCHECK DRAFT EIR/EIS

A Screencheck Draft of the EIR/EIS will include the following elements:

NEPA EVALUATION & ANALYSIS

Human Environment

- Land Use
- Community Impacts & Environmental Justice
- Utilities/Emergency Services
- Traffic and Transportation
- Visual/Aesthetics
- Cultural and Paleontological Resources

Physical Environment

- Hydrology and Floodplain
- Water Quality and Storm Water Runoff
- Geology/Soils/Seismic/Topography
- Paleontology
- Hazardous Waste/Materials
- Air Quality & Conformity
- Noise

Biological Environment

- Wetlands and Other Waters
- Plant Species
- Animal Species
- Threatened and Endangered Species
- Invasive Species

Irreversible and Irretrievable Commitment of Resources

- Construction Impacts
- Cumulative Impacts

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) EVALUATION

Determining Significance under CEQA

Discussion of Significance of Impacts

- Less-than-Significant Effects of the Proposed Project
- Significant Environmental Effects of the Proposed Project
- Unavoidable Significant Environmental Effects



- Significant Irreversible Environmental Changes
- Growth-Inducing Impacts
- Climate Change

Mitigation Measures for Significant Impacts under CEQA

COMMENTS AND COORDINATION

LIST OF PREPARERS

DISTRIBUTION LIST

APPENDICES

- Appendix A. CEQA Checklist
- Appendix B. Section 4(f) Evaluation
- Appendix C. Glossary of Technical Terms & Acronyms
- Appendix D. Mitigation Summary
- List of Technical Studies

RBF will provide additional sections in the EIR/EIS to meet regulatory requirements including the following: Alternatives, Significant Irreversible Environmental Changes That Would Be Involved In the Proposed Action Should It Be Implemented, Effects Found Not To Be Significant, Organizations and Persons Consulted, and Bibliography. The Alternatives section will include CEQA/NEPA mandatory discussions, as well as a summary of alternatives rejected from further consideration.

RBF will submit the Screencheck EIR/EIS for The District review and comment. RBF will submit 10 bound copies of the EIR/EIS, 5 bound copies of the Appendices, one unbound copy, and copies on CD (in MSWord). RBF recommends that, following initial review, the EIR/EIS team (the District/RBF) hold an EIR/EIS Review Workshop. This workshop would greatly facilitate Team review and RBF revisions to the EIR/EIS. RBF would lead this workshop, to be held at the District, and would be prepared to make on-the-spot revisions to the EIR/EIS at the workshop.

6.3 COMPLETION OF THE DRAFT EIR/EIS

RBF will prepare the Draft EIR/EIS for the required 45-day public review. In addition, RBF will prepare the Notice of Completion/Notice of Availability (NOC/NOA) for review and approval by the District. Once approved, RBF will send the NOC/NOA and fifteen (15) copies of the Draft EIR/EIS (on CD, with hard copies of the Executive Summary) to the State Clearinghouse and five (5) complete hard copies to the Environmental Protection Agency (EPA). RBF assumes that newspaper posting and radius mailing will be provided by the District.

This Scope of Work assumes that no new substantive issues are raised by the District following Screencheck EIR/EIS review. RBF will provide 25 bound copies of the EIR/EIS, 15 bound copies of the Appendices, plus one unbound copy, and two copies on CD (in MSWord or Adobe PDF). Additional copies can be provided on CD. RBF will also prepare and distribute a Notice of Availability to an interest list developed through working with District staff.

TASK 7 – CONDUCT PUBLIC HEARING

RBF shall assist the District in conducting a public hearing to receive public comments on the Draft EIR/EIS. RBF will prepare and conduct a presentation that outlines the project description, the environmental setting the EIR/EIS objectives, the methodology used for evaluating impacts, a description of the anticipated significant impacts, proposed mitigation measures, and project alternatives. RBF assumes The District will arrange and provide accommodations for the public hearing.

TASK 8 – PREPARE FINAL EIR/EIS



8.1 RESPONSES TO COMMENTS/ADMINISTRATIVE FINAL EIR/EIS

The Final EIR/EIS will consist of the revised Draft EIR/EIS text, as necessary, and the Responses to Comments section. The Draft EIR/EIS will be revised in accordance with the responses to public comments on the EIR/EIS. To facilitate District review, RBF Consulting will format the Final EIR/EIS with shaded text for any new or modified text, and "strike out" any text that has been deleted from the Draft EIR/EIS. RBF Consulting will respond to all written and verbal comments received during the Draft EIR/EIS public review period. The Draft Responses to Comments will be prepared and 10 copies will be submitted for review by staff. Following review of the Draft Responses to Comments, RBF Consulting will finalize this section for inclusion in the Administrative Final EIR/EIS. RBF recommends a one-day District/RBF workshop to review Draft EIR/EIS comment letters and develop (and/or strategize) on responses to comments, to expedite the schedule and facilitate the District review. Recognizing the unpredictable nature of Draft EIR/EIS public comments and responses, a total of 88 hours is budgeted for this task.

8.2 PREPARATION OF REVISED ADMINISTRATIVE FINAL EIR/EIS

RBF will respond to one consolidated set of comments from the District on the Administrative Final EIR/EIS.

8.3 FINAL EIR/EIS

RBF will prepare the Final EIR/EIS within two weeks of approval by the District. RBF will print and mail the Final EIR/EIS with appendices and exhibits to commenting agencies pursuant to CEQA Section 21092.5, cooperating agencies and interested parties. In addition, RBF will prepare and file the Notice of Determination (NOD) and Record of Decision (ROD) within five (5) days of EIR/EIS approval. Following EIR/EIS certification, RBF will provide 10 bound copies of the EIR/EIS, 10 bound copies of the Appendices, plus one unbound copy, and two copies on CD (in MSWord and Adobe PDF) to the District and up to 20 additional copies for commenting/cooperating agencies.

8.4 FINDINGS OF FACT - STATEMENT OF OVERRIDING CONSIDERATIONS

RBF will provide administrative assistance to facilitate the CEQA process including the preparation of the Notice of Determination, Statement of Overriding Considerations and Findings for District use in the certification process. RBF will prepare the Findings in accordance with the provisions of Section 15091 and 15093 of the State CEQA Guidelines and in a form specified by the District. RBF will submit the Draft Findings for District review and will respond to one (1) set of consolidated comments from the District.

8.5 MITIGATION MONITORING AND REPORTING PROGRAM

To comply with the Public Resources Code Section 21081.6 (AB 32180), RBF will prepare a Mitigation Monitoring and Reporting Program to be defined through working with the District to identify appropriate monitoring steps/ procedures and in order to provide a basis for monitoring such measures during and upon project implementation. The Mitigation Monitoring and Reporting Program will identify, discuss, and develop appropriate monitoring programs for any impacts that may be associated with the short-term construction and/or long-term operation and maintenance of the project. RBF will prepare a Draft Mitigation Monitoring and Reporting Program to be submitted to the District for review at the Administrative Final EIR/EIS milestone submittal. RBF will respond to one (1) consolidated set of staff comments on the Draft Mitigation Monitoring and Reporting Program.

TASK 9 - PERMIT ACQUISITION

9.1 DELINEATION OF JURISDICTION

RBF will perform a jurisdictional delineation (JD) to determine jurisdictional boundaries of the project site. Once the project site baseline information is obtained, RBF will prepare a comprehensive written report discussing on-site jurisdictional areas. The JD will consist of the following Sections: 1) Introduction and Purpose; 2) Summary of Regulations; 3) Methodology; 4) Literature Review; 5) Site Conditions; 6) Findings 7) Regulatory Approval Process; 8) References; and 9) Appendices. Pursuant to agency requirements, the JD



report will include a maximum of five (5) exhibits to enhance the written text and clarify the Project, jurisdictional areas, and project impacts. Exhibits are anticipated to include: 1) Regional Vicinity Map; 2) Site Vicinity Map; 3) Site Plans (or aerial); 4) Site Photographs; and 5) Jurisdictional Exhibits.

RBF will submit three (3) hardcopies of the Final JD to the District. Recommendations will identify, if necessary, the need to pursue further resource agency consultation, and if sufficient project design is provided, the anticipated permitting strategy for the project. Additional copies can be provided under separate addendum.

9.2 US ARMY CORPS OF ENGINEERS SECTION 404 PERMIT

RBF will prepare an application submittal package for an ACOE permit to satisfy the requirements of Section 404 of the Clean Water Act. It is assumed under this task that authorization to proceed from the ACOE can be achieved via an Individual Permit (IP). An Alternatives Analysis will be completed as required under Section 404(b)(1) for an IP based on engineering/planning alternatives discussed within the CEQA Environmental Document. RBF assumes up to three (3) alternatives will be evaluated in detail as part of the Alternatives Analysis. The 404(b)(1) Alternatives Analysis is required to identify possible alternatives that could avoid, minimize, or mitigate for impacts caused by the proposed action while still accomplishing the objectives of the project. When considering if an alternative is superior to the proposed action, several factors will be considered, including economic impacts. RBF Consulting assumes the District will provide any economic data and preliminary engineering information to include within the alternatives analysis.

9.3 CALIFORNIA DEPARTMENT OF FISH AND GAME 1602 STREAMBED ALTERATION AGREEMENT APPLICATION

RBF will prepare an application submittal package for a CDFG 1602 Streambed Alteration Agreement (SAA) for on-site areas that fall outside of the Agua Caliente Indian reservation. The submittal package will include: (a) Standard Forms, (b) vicinity map, (c) project description, (d) jurisdictional delineation map (e) site photos, and (f) copies of the ACOE/RWQCB applications.

9.4 401 WATER QUALITY CERTIFICATION APPLICATION

RBF will prepare an application submittal to secure a Water Quality Certification from the EPA for jurisdictional impacts located within the Agua Caliente Indian Reservation, pursuant to Section 401 of the Clean Water Act. This Certification is necessary prior to issuance of the ACOE permit. The Pre-Application Field Meeting will identify the level of involvement of the RWQCB. Should the RWQCB require a 401 Certification, prepare an application submittal to secure a Water Quality Certification from the Colorado River Basin RWQCB pursuant to Section 401 of the Clean Water Act and the Porter-Cologne Water Quality Control Act.

9.5 REGULATORY PERMIT PROCESSING

RBF shall provide regulatory services for the processing of the permit applications through the Corps and CDFG. This task assumes approximately three (3) hours of processing per week and also includes time for one (1) round of response to comments. The processing shall include required correspondence or telephone calls between the reviewing staff related to the permit or points of clarification and coordination with the biological consultant, if necessary. This task does not include Section 7 Consultation with the US Fish and Wildlife Service (Service).

This task includes one (1) meeting with the reviewing staff of the resource agencies during the application review process, if needed. This task also includes the preparation of permit tracking logs for the Client in addition to Permit Summary Binders once the agency approvals are obtained.

ADDITIONAL WORK REQUEST SUMMARY

Client: Riverside County Flood Control and Water Conservation District

Work Requested By: Kris Flanigan, PE, Senior Civil Engineer

Summary of Additional Work: Project Description Revisions, GIS Mapping Revisions, EIR/EA Revisions, and Additional Coordination for Line 43 and 43A

Estimated Fee for Additional Work: \$18,420

TASK 1: Project Description Revisions **\$17,880.00**

Based on the realignment of the Line 43 and the addition of Line 43A, the project description information and associated analysis will need to be updated throughout the EIR/EA to reflect this change. These revisions require additional coordination time and costs associated with meeting attendance.

Costs associated with this effort include 165 hours of RBF staff time for revisions to the EIR/EA prior to submission.

TASK 2: GIS Mapping Revisions **\$ 540.00**

RBF will perform GIS mapping revisions for the Line 43 and 43A alignments. Costs associated with this effort include 6 hours of RBF staff time for revisions to the EIR/EA exhibits prior to submission.

Additional Work Tasks	Project Director	Task Manager/ Specialist	Environ. Specialist	Environ. Analyst	Admin. Support	Total Hours	Total
	\$225	\$130	\$125	\$90	\$60		
Project Description Revisions	12	26	20	96	11	165	\$17,880
GIS Mapping Revisions				6		6	\$ 540
Total							\$18,420

Total Proposed Additional Work Fee	\$18,420
---	-----------------

Prepared By: John Gifford, RBF Consulting

Authorized By: _____

JN 65-100557
Request No. 3
Date: Jan 5, 2010**ADDITIONAL WORK REQUEST SUMMARY**Client: Riverside County Flood Control DistrictProject: Eagle Canyon EA/ EIRWork Requested By: Kris Flanigan, PE, Project ManagerSummary of Additional Work: Addendum to the EIR – Line 43Estimated Fee for Additional Work: \$4,365**Currently Approved Task**

Current approved work includes completion of the Final EIR/EA for the project.

Out of Scope Tasks

The original alignment of Line 43 – discharge pipeline from the Eagle Canyon Dam structure – was outlined and analyzed as part of the current Final EIR/EA document. Various subsequent alignments are being analyzed by the District to better place the pipeline in relation to adjacent businesses and to minimize disruption on Highway 111. The preferred alignment will be different from the configuration addressed in the current document. The District will be required to provide an Addendum to the FEIR/EA in accordance with CEQA Guidelines Section 15164. This AWR addresses the additional work to complete an Addendum with required rationale for the reconfigured Line 43 alignment.

TABLE 1: PROPOSED HOURLY RATES

Additional Work Task	Project Director	Env. Specialist	Admin. Support	Total Hours	Total
	\$225	\$125	\$60		
EIR/EA Addendum and rationale.	3	32	6	41	\$4,365
Total				41	\$4,365

Total Proposed Additional Work Fee **\$4,365**Prepared By: John Gifford, RBF Consulting

Authorized By: _____

ATTACHMENT 'A'

Page 9 of 10

PLANNING ■ DESIGN ■ CONSTRUCTION

East Guasti Road, Suite 100 ■ Ontario, CA 91761 ■ 909.974.4900 ■ FAX 909.974.4004

Offices located throughout California, Arizona & Nevada ■ www.RBF.com

JN 65-100557
Request No. 2
Date: July 29, 2010**ADDITIONAL WORK REQUEST SUMMARY**Client: Riverside County Flood Control DistrictProject: Eagle Canyon EA/ EIRWork Requested By: Kris Flanigan, PE, Project ManagerSummary of Additional Work: Biological review and site characterization for CJBEstimated Fee for Additional Work: \$11,750**Currently Approved Task**

Current approved work includes review of previous biological technical studies with incorporation of data into the draft EA/EIR.

Out of Scope Tasks

Task 1 - The Casey's June Beetle (CJB) was listed as a candidate species by USFWS in early Spring, 2010. The current Eagle Canyon Dam site is not listed as potential CJB habitat. However, biological reports provided by Bonterra, Inc. in 2007 concluded that the site may be suitable for CJB. As a result of the listing and potential for suitable habitat, RCFC requested an up-to-date site characterization specifically for the CJB with a subsequent report. The new information is to be incorporated into appropriate sections of the draft EA/EIR.

TABLE 1: PROPOSED HOURLY RATES

Additional Work Task	Project Director	Env. Specialist	Admin. Support	Total Hours	Total
	\$225	\$125	\$60		
Site Characterization	16	32	10	65	\$8,360
EA/EIR iteration	2	18	10	30	\$3,390
Total				95	\$11,750

Total Proposed Additional Work Fee	\$11,750
---	-----------------

Prepared By: John Gifford, RBF Consulting

Authorized By: _____

ATTACHMENT 'A'

Page 10 of 10

PLANNING ■ DESIGN ■ CONSTRUCTION

East Guasti Road, Suite 100 ■ Ontario, CA 91761 ■ 909.974.4900 ■ FAX 909.974.4004

Offices located throughout California, Arizona & Nevada ■ www.RBF.com

Proposed Pricing Change (Increase)

The above additional tasks associated with Mod 001 represent and increase level of effort by RBF. Overall, Mod 001 adds \$19,960 to the original cost estimate submitted on 1 October 2008. Table 1 lists the proposed change to the original cost estimate consistent with the added work. Of the increased amount, \$11,680 is designated for the Traffic Impact Analysis.

Table 1

FEE ESTIMATE - Includes Mod 001 Eagle Canyon Dam EIR 65-100557									
TASK	Hourly Rate	Project Director/ Manager	Task Manager/ Specialist	Environ. Specialist	Environ. Analyst	Admin. Support	Total Hours	Sub. Consultants	Total Cost
1. PROJECT MANAGEMENT AND ADMINISTRATION	\$225	\$125	\$125	\$90	\$60				\$21,300
Subtotal Task 1.0									
2.1 Kickoff Meeting/ Scope Refinement		16	8				24		\$4,640
2.2 Research and Investigation		4	8	8	20		40		\$4,740
2.3 Agency Consultation		4	8		4		16		\$2,300
2.4 Field Reconnaissance		8	8		8		24		\$3,560
Subtotal Task 2.0									\$15,240
3. PREPARE NOTICE OF PREPARATION AND NOTICE OF INTENT									\$16,700
Subtotal Task 3.0									
4.1 Initial Study & Reconnaissance Report		2	4	8	28	4	46		\$4,730
4.2 Notice of Preparation & Notice of Intent		2	4		16		22		\$2,410
Subtotal Task 4.0									\$7,140
5. PREPARE CONCEPTUAL DESIGN									\$5,360
Subtotal Task 5.0									
6.1 Additional Technical Studies									
6.1.1 Standard Site Biology Survey and Jurisdictional Delineation		2	8	8		4	22	\$51,000	\$53,730
6.1.2 Archaeological and Historical Resources Report		2	2				4	\$14,750	\$15,460
6.1.3 Surface Water Quality Technical Study		2	4	20			26		\$3,470
6.1.4 Groundwater Impacts		2	4	16			22		\$2,970
6.1.5 Air Quality and Climate Change Analysis		2	4	20	40		66		\$7,070
6.1.6 Acoustical Analysis		2	4	16	24		46		\$5,130
6.1.7 Traffic Assessment		2	6	20	20		48		\$5,530
6.1.8 Geotechnical Studies		2	2					\$17,500	\$18,210
6.1.9 Air Quality Conformity Analysis		2	4		8		14		\$1,690
6.1.10 Hazardous Materials Site Remediation		2	2					\$5,000	\$5,710
6.2 Preparation of Screencheck Draft EIS/ EIR		40	120	64	360	60	644		\$68,600
6.3 Completion of Draft EIS/ EIR		8	16	16	80	16	136		\$14,040
Subtotal Task 6.0									\$221,570
7. PREPARE FINAL EIS/ EIR									\$5,000
Subtotal Task 7.0									
8.1 Response to Comments/ Administrative Final EIS/ EIR (Time and Materials)		8	16	20	32	8	84		\$9,740
8.2 Preparation of Revised Administrative Final EIS/ EIR		4	8		24	4	40		\$4,340
8.3 Final EIS/ EIR		2	4		12	8	26		\$2,530
8.4 Findings of Fact - Statement of Overriding Considerations		2	4		16	2	24		\$2,530
8.5 Mitigation Monitoring and Reporting Program		2	4		12	2	20	\$20,750	\$22,920
Subtotal Task 8.0									\$12,060
9. PERMIT APPLICATION									\$7,020
9.1 Delineation of Jurisdiction		4	8	8	40	8	68		\$7,020
9.2 US Army Corps of Engineers Section 404 Permit		2	8	24	28	8	70		\$7,490
9.3 CDOPO 1602 Streambed Alteration Agreement Application		2	8	14	24	8	56		\$5,860
9.4 401 Water Quality Certification Application		2	8		22	8			\$3,950
9.4 Regulatory Permit Processing		4	8	12	56		80		\$8,460
Subtotal Task 9.0									\$32,820
TOTAL HOURS		272	416	314	926	144	2072		
DELIVERABLES REIMBURSABLES (Initial Time and Materials Estimate)*									\$15,000