

4.5 PSP Cover Sheet (Attach to the front of each proposal)

Proposal Title: ROCK CREEK / KEEFER SLOUGH ENVIRONMENTAL RESTORATION
 Applicant Name: BUTTE COUNTY
 Mailing Address: 7 COUNTY CENTER DRIVE, OROVILLE, CA 95965-3397
 Telephone: (530) 538-7681
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 Email: bcpw@cncnet.com

Amount of funding requested: \$ 650,000 for 2 years

Indicate the Topic for which you are applying (check only one box).

- Fish Passage/Fish Screens
- Habitat Restoration
- Local Watershed Stewardship
- Water Quality
- Introduced Species
- Fish Management/Hatchery
- Environmental Education

Does the proposal address a specified Focused Action? x yes no

What county or counties is the project located in? BUTTE

Indicate the geographic area of your proposal (check only one box):

- Sacramento River Mainstem
- Sacramento Trib: ROCK CREEK
- San Joaquin River Mainstem
- San Joaquin Trib: _____
- Delta: _____
- East Side Trib: _____
- Suisun Marsh and Bay
- North Bay/South Bay: _____
- Landscape (entire Bay-Delta watershed)
- Other: _____

Indicate the primary species which the proposal addresses (check all that apply):

- San Joaquin and East-side Delta tributaries fall-run chinook salmon
- Winter-run chinook salmon
- Late-fall run chinook salmon
- Delta smelt
- Splittail
- Green sturgeon
- Migratory birds
- Other: _____
- Spring-run chinook salmon
- Fall-run chinook salmon
- Longfin smelt
- Steelhead trout
- Striped bass
- All chinook species
- All anadromous salmonids

Specify the ERP strategic objective and target (s) that the project addresses. Include page numbers from January 1999 version of ERP Volume I and II:

SEE ATTACHED.

Indicate the type of applicant (check only one box):

- | | |
|---|---|
| <input type="checkbox"/> State agency | <input type="checkbox"/> Federal agency |
| <input type="checkbox"/> Public/Non-profit joint venture | <input type="checkbox"/> Non-profit |
| <input checked="" type="checkbox"/> Local government/district | <input type="checkbox"/> Private party |
| <input type="checkbox"/> University | <input type="checkbox"/> Other: _____ |

Indicate the type of project (check only one box):

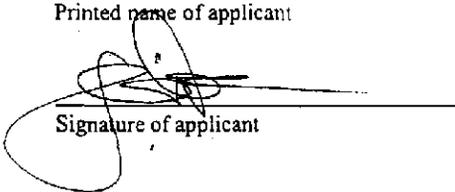
- | | |
|--|---|
| <input checked="" type="checkbox"/> Planning | <input type="checkbox"/> Implementation |
| <input type="checkbox"/> Monitoring | <input type="checkbox"/> Education |
| <input type="checkbox"/> Research | |

By signing below, the applicant declares the following:

- 1.) The truthfulness of all representations in their proposal;
- 2.) The individual signing the form is entitled to submit the application on behalf of the applicant (if the applicant is an entity or organization); and
- 3.) The person submitting the application has read and understood the conflict of interest and confidentiality discussion in the PSP (Section 2.4) and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent as provided in the Section.

BUTTE COUNTY BOARD OF SUPERVISORS
by JANE DOLAN, CHAIR

Printed name of applicant



Signature of applicant

Rock Creek – Keefer Slough Environmental Restoration

Primary Contacts Information

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County of Butte
John Blacklock, Chief Administrative Officer
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Oroville, CA 95965
(530) 538-7224 FAX: (530) 538-7120

Project Participants and Collaborators

County of Butte	California Department of Fish & Game
U.S. Fish & Wildlife Service	CalTrans District 3
Rock Creek Reclamation District	County Service Area 87
U.S. Army Corps of Engineers	Natural Resources Conservation Service
Natural Marine Fisheries Services	State Reclamation Board
Regional Water Quality Control Board	

Type of Organization and Tax Status

Local Government
Tax Status: Non-profit

Tax Identification Number

94-6000506

EXECUTIVE SUMMARY

PROJECT DESCRIPTION

Project size and location

This project includes approximately 7,000 acres, located in the Big Chico Creek Ecological Unit of the Butte Basin, tributary to the Sacramento River, as identified on Figure 12 of the Environmental Restoration Project Plan Maps. The project will address approximately 13 stream miles of Rock Creek, 5.6 stream miles of Keefer Slough and 4 stream miles of Sand Creek.

Primary ecological/biological objectives

The U.S. Army Corps of Engineers (Corps) has evaluated the need for flood control facilities in this area and has determined there is a Federal interest in providing a flood control project. They are currently preparing the necessary documents to start a Section 205 Feasibility Study (Study). Typically projects resulting from these studies comply with all the CEQA and NEPA requirements by simply mitigating the environmental impacts, however the area of this Study lends itself to significant environmental enhancement at a relatively low cost. This request is to provide additional funding for the Study for a design that is beyond simple mitigation, a design that can be held up to other agencies to demonstrate environmental enhancement is possible and feasible with flood control projects.

Cost

This request is for a maximum of \$650,000, over 18 months, to supplement the Study by the Corps. The Corps, State Reclamation Board, CalTrans and County of Butte are currently sharing the Study costs.

Adverse and third party impacts

No negative or third party impacts would be realized from this project.

Applicant Qualifications

The applicant is relying on the expertise of the Corps, it's associated agencies and contractors to produce mitigations and environmental enhancement guidelines, which will be acceptable to all public agencies and related private organizations. We expect the expertise of the U.S. Fish and Wildlife Service, Natural Resources Conservation Service, Natural Marine Fisheries Service, Regional Water Quality Control Board and State Department of Fish and Game will be invaluable in development and evaluation of these items.

Monitoring and Data Evaluation

U.S. Fish and Wildlife Service, Natural Resources Conservation Services, Natural Marine Fisheries Service, Regional Water Quality Control Board and State Department of Fish and Game will be monitoring the Study techniques and results. They will evaluate the data for completeness and accuracy throughout the Study. Management of the Study will be conducted at the three basic levels The Study Management

Team, Executive Committee and Corps project review board.

Local Support/Coordination with other programs

Butte County (applicant), Rock Creek Reclamation District, CalTrans and County Service Area 87 support this project. We anticipate coordination and cooperation with all local conservancies and environmental groups through the public hearing process, which is required for this Study.

Compatibility with CALFED objectives

This project meets several of the strategic objectives and targets contained in the Environmental Restoration Program Plan.

PROJECT DESCRIPTION

PROPOSED SCOPE OF WORK

Project Description

The Project Study Plan for this Study will look at an array of alternatives for flood control and environmental restoration. A viable alternative, presented as a result of the Reconnaissance Investigation, is the construction of setback levees and stream channel improvements. Where levees exist, this plan would involve removing one of the existing levees and constructing a bench and new setback levee adjacent to the existing channel. The bench would serve to increase conveyance capacity, provide borrow material for levee construction, and provide more diversified habitat than currently exists. The setback levee and stream channel improvements would provide the required flood protection and ultimately improve environmental habitat. In addition to setback levees the Study is considering detention facilities to reduce peak flows, to non-damaging levels, during flood events. The detention facilities will be located in the vicinity of identified wetlands and one of the goals of this project is to enhance and enlarge these wetlands where possible. Additionally the Study area could provide areas where wetlands could be mitigated in the future (a wetland mitigation bank).

This project includes approximately 7,000 acres, located in the Big Chico Creek Ecological Unit of the Butte Basin, tributary to the Sacramento River, as identified on Figure 12 of the Environmental Restoration Project Plan Maps. The project will address approximately 13 stream miles of Rock Creek, 5.6 stream miles of Keefer slough and 4 stream miles of Sand Creek.

Project approach

In accordance with Study guidelines the Corps will be hiring consultants, in accordance with State and Federal guidelines, to define and objectively assess the existing conditions. In addition these consultants will be required to develop acceptable mitigation measures. Corps staff, the Executive Committee and the Study Management Team, in compliance with the CEQA and NEPA processes will be evaluating the information produced by the consultants. They will require additional project support information as necessary to obtain a comprehensive analysis of the project and it's relationship with the Study's preferred project alternative. These individuals will evaluate this alternative's impacts and develop the appropriate mitigations to bring it up to the projects goals. By analysis of this and other engineering information the Study will establish a preferred project alternative, which will result in an EIR/EIS. The objective of this grant is to provide analysis and funding, which will more than simply mitigate project impacts, but rather provide environmental enhancement beyond those mitigations.

Geographic Boundaries of the Project

This project is located in the Big Chico Creek Ecological Unit of the Butte Basin, tributary to the Sacramento River, as identified on Figure 12 of the Environmental Restoration Project Plan Maps. This project covers the area of Rock Creek and Keefer Slough between Highway 32 and ½ mile above the confluence of Rock Creek with the Anderson Branch of Rock Creek, all within Butte County.

The watersheds effected are Big Chico Creek; Sycamore Creek; Mud Creek; Rock Creek; Keefer Slough and Pine Creek. The attached Nord and Richardson Springs quadrangles outline the project boundaries.

ECOLOGICAL/BIOLOGICAL BENEFITS

Ecological/biological benefits

The goal of this project is to provide the greatest environmental enhancement possible in conjunction with an U.S. Army Corps of Engineers flood control project. Objectives are to reduce stream temperature, provide necessary sediment transport, establish flood plains, enhance wetlands, and improve riparian and riverine habitat, to increase and enhance freshwater fish habitat, and improve water quality.

The Study area has the potential to enhance existing habitat over and above the mitigation required as a result of the Study. The objective of this project is to provide the method and means to establish this enhancement.

Recent studies within the Study boundaries together with the Corps Reconnaissance Investigation have established the existence of salmonoids, wetlands and endangered plant species. Current practices by agricultural interests and other private property owners within the Study area are sources of non-point-source pollution (including increased sediment) and limit riparian habitat. The goal of this project is to provide a comprehensive listing of the existing habitat and species, propose enhancements to said habitat and species, and provide on-going operation and maintenance guidelines for continued evaluation and improvement of the habitat and species.

The primary Stressors include thermal increases and pollution, partially due to the lack of sufficient riparian habitat. Secondary stressors may include bridge structures, diversion structures and other fish species.

The primary benefits are to water quality and to fish habitat. Secondary benefits are increased habitat for migrating waterfowl and improved habitat for all threatened or endangered species, proposed threatened or endangered species and candidate species. Overall benefits will be provided by the increase of wetlands.

The scientific hypothesis is that the damages, to fishery habitat, caused by repetitive flooding can be minimized if not totally eliminated by properly designing flood control facilities. These facilities will be designed to reduce siltation to prime spawning areas while maintaining the habitat that maintains lower stream temperatures and improves water quality. Sediment transport through the system would be maintained to provide the gravel and cobbly materials necessary for prime spawning areas.

The benefits derived from this project would be maintained by a County Service Area as part of the total operation and maintenance of the flood control facilities. By making the environmental facilities a integral part of the flood control facilities and creating an operation and maintenance manual defining that parameters for environmentally sensitive maintenance several obstacles will be overcome. This would include elimination of the major stumbling block for maintenance of existing flood control facilities throughout the State, how do you maintain the facilities without damaging habitat.

Linkages

Butte County has previously submitted (1995, 1997 and 1998) FEMA mitigation grant proposals, to provide flood protection for areas devastated by flood flows from Rock Creek and Keefer Slough. These

applications have not been approved or funded as of the date of this application.

The County through to offices of the Natural Resources Conservation Service has constructed several restoration projects within the Study boundaries. Each of these projects was to restore the channel, to the extent possible, to pre-disaster conditions. However these projects did not provide habitat restoration.

Substantial damages have occurred to habitat as well as agricultural, residential, commercial and transportation facilities. Unfortunately disaster relief does not address impacts to agriculture or the environment. This project is designed to provide maintenance for habitat as well as the necessary flood control facilities.

This project will establish the criteria for environmental restoration to be included in the construction of the Study's preferred alternative project or projects, which will provide flood protection. The criteria will establish goals and requirements to enhance the environment not simply mitigate impacts.

Objectives are to reduce stream temperature, provide necessary sediment transport, establish flood plains, enhance wetlands, and improve riparian and riverine habitat, to increase and enhance freshwater fish habitat, and improve water quality are in full compliance with the ERP.

This project is compatible with several of CALFED's objectives as noted in the table below. All references listed are to pages in the revised draft Ecosystem Restoration Program Plan, Volumes 1 and 2, dated February 1999.

Volume 1	Page 54	Central Valley Stream Flows
	Page 63	Central Valley Temperature
	Page 72	Coarse Sediment
	Page 89	Natural Floodplains and Flood Process
	Page 144	Seasonal Wetlands
	Page 151	Riparian and Riverine Habitat
	Page 158	Freshwater Fish Habitat
	Page 162	Essential Fish Habitat
Volume 2	Page 259	Vision for Management Zone
	Page 260	Vision for Big Chico Creek Management Unit
	Page 267	Target 7, Central Valley Stream Flow
	Page 269	Target 1, Seasonal Wetlands
	Page 270	Target 1, Fish Habitat

This project will help CALFED with its overall objectives by establishing standards for the operation and maintenance of habitat and species, including salmonoid habitat, in conjunction with the operation and maintenance of flood control facilities. This resolves the major problems connected with maintenance of existing facilities by establishing criteria for the quality and quantity of habitat to be retained or improved in conjunction with the required maintenance.

System-Wide Ecosystem Benefits

System wide ecosystem benefits include reduced erosion caused by flooding while maintaining the coarse sediment transport, which is vital to the systems stability. Channel modifications, wetlands enhancement and habitat enhancement will improve the fishery habitat and improve salmonoid populations within the watershed. By enhancing habitat instead of simply mitigating the Study project's impacts and providing criteria for continued maintenance and assessment of the habitat the fisheries habitat can only improve. Water quality would improve and lower water temperatures would be maintained by the enhanced habitat.

Compatibility with Non-Ecosystem Objectives

This project would provide benefits for CALFED objectives by reducing stream temperature, providing necessary sediment transport, establishing flood plains, enhancement of wetlands, and improvement riparian and riverine habitat, to increase and enhance freshwater fish habitat, and improve water quality. These benefits would be achieved by a variety of Study alternatives including setback levees, channel improvements and detention facilities.

Technical Feasibility and Timing

The Corps Reconnaissance Investigation has already eliminated the alternative of diversion of Rock Creek flood flows to meadows northwest of the Anderson Branch of Rock Creek, primarily due to the possibility of stranding winter run salmonoids. The other alternatives contained in the Project Study Plan along with any alternatives developed through the Study will be evaluated for their benefits versus the possible environmental impacts.

We propose the following tasks and timing to integrate this project with the Corps Study.

Task 1 Previous studies have identified the existence of endangered plant and animal species, including salmonoids, within various parts of the proposed project boundaries. The first priority is to provide a comprehensive assessment of existing habitat, listing of all threatened or endangered species, proposed threatened or endangered species and candidate species, for the entire Study area. This would also include establishment of acceptable mitigation measures and methods to avoid or reduce impacts to habitat and/or species, for each aspect of the proposed project. This allows the project to be designed to produce the lowest impact.

The Study is being done with the assistance of the U.S. Fish and Wildlife Service, Natural Resources Conservation Services, Natural Marine Fisheries Service, Regional Water Quality Control Board and State Department of Fish and Game, each of which will provide current monitoring of this task. Input from these agencies as well as environmental groups will be used to evaluate and critique proposed mitigation measures.

Deliverable: December 1999, based on the current Study guidelines

Task 2 Development of a preferred alternative project or projects through the Study. By first comprehensively assessing the existing habitat and species and developing appropriate mitigation measures, the Study project can be designed with the lowest direct impacts, which will provide the greatest environmental enhancement while providing flood protection for residents of Butte County.

Deliverable: October 2000, based on the current Study guidelines

Task 3 Development of strict guidelines for the operation and maintenance of the flood control facilities to provide for the lowest impact to habitat and associated species while maintaining the integrity of the project. This would include an ongoing monitoring program habitat and species, as described in the mitigations, together with a mechanism to repair any damage to habitat and/or maintain the species. These guidelines would also establish the criteria for issuance or denial of permits necessary to allow the Study project's construction, operation and maintenance.

This task will use the information developed in tasks 1 and 2 to create the Study projects EIR/EIS in accordance with CEQA and NEPA requirements. Cooperation and agreement from all of the agencies and entities listed above will be necessary to create the EIR/EIS.

Deliverable October 2000, based on the current Study guidelines

In addition the monitoring of each of these tasks, plus the Study project or projects, will be reviewed and evaluated through several public hearings. Once the Study has developed an acceptable project, the property owners will ultimately decide, through a ballot proceeding, whether or not they wish to finance a share of the Study project cost or try to survive without the Study project.

Monitoring and Data Evaluation

U.S. Fish and Wildlife Service, Natural Resources Conservation Services, Natural Marine Fisheries Service, Regional Water Quality Control Board and State Department of Fish and Game will be monitoring the Study techniques and results. They will evaluate the data for completeness and accuracy throughout the Study and project. Management of the Study and project will be conducted at the three basic levels: The Study Management Team, Executive Committee and the Corps Project Review Board.

The Study Management Team consists of staff from various agencies including engineering, economics, geotechnical, environmental, biological and cultural sections. The team will provide recommendations to the Executive Committee on the tasks to be conducted and the extent of planning and evaluation to be carried out in the Study and project. The team will also report to the Executive Committee on the results of studies and recommend alternative courses of action for project implementation.

The Executive Committee consists of the Corps' Sacramento District Engineer, Planning Division Chief, Programs Division Chief, Project Management Division Chief, Director of CalTrans District 3, Director of Butte County Public Works. The Executive Committee will manage the overall Study and project by (1) maintaining a working knowledge of each, (2) assisting in resolving emerging policy issues, (3) ensuring that evolving Study and project results and policies are consistent and coordinated, (4) directing the Study Management Team and (5) ratifying decisions made by the Study Management Team.

The Corps Project Review Boards will insure consistency with public policy and conformance with existing regulations.

Biological/Ecological Objectives

The primary objectives of this project are to establish criteria for environmental enhancement, habitat restoration and maintenance. When this project is successfully completed the County will request additional funding for environmental enhancement in accordance with this criteria.

Monitoring Parameters and Data Collection Approach

Project monitoring by U.S. Fish and Wildlife Service, Natural Resources Conservation Services, Natural Marine Fisheries Service, Regional Water Quality Control Board and State Department of Fish and Game will insure that all information complies with al Federal, State and Local guidelines. Data collection will be in accordance with State and Federal guidelines.

Data Evaluation approach

Data will be evaluated by the agencies listed above in conjunction with the Study and in accordance with State and Federal guidelines.

Local Involvement

This project is supported by: Butte County (applicant), Rock Creek Reclamation District, CalTrans, County Service Area 87, all of which are included in the County's Working Group.

The Big Chico Creek Watershed Conservancy, Butte Environmental Council and Sacramento River Preservation Trust as well as residents of the County are aware of the Study by the Corps. Most of their information to date has been based on news articles contained in local newspapers. These groups will be invited to participate in the Study development and will be requested to provide input on this project.

Rights of entry, are being obtained from the appropriate property owners within the Study boundaries, at the time of this application. These rights of entry will be used to allow the Corps consultants to provide a comprehensive evaluation of the existing habitat.

Applicant Qualifications

The applicant is relying on the expertise of the Corps its associated agencies and contractors to produce mitigations and environmental enhancement guidelines, which will be acceptable to all public agencies and related private organizations. We expect the expertise of the U.S. Fish and Wildlife Service, Natural Resources Conservation Services, Natural Marine Fisheries Service, Regional Water Quality Control Board and State Department of Fish and Game will be invaluable in development and evaluation of these items.

Funding Priorities

Of primary concern is the salmonoid population currently within the Study boundaries. Enhancement of

their habitat and thus population can be easily incorporated into a project. There are also several plant species of concern, which must be preserved and could be expanded by implementation of mitigations developed through the funding provided by this grant.

There are no known third party impacts.

Cost

Funding will be used to supplement and enhance U.S. Army Corps of Engineers, Section 205, Feasibility Study, which is designed to mitigate all environmental issues. This supplement would be used to provide for environmental enhancement, which would exceed simple mitigation. This request is for a maximum of \$650,000, over 18 months, to supplement a Study by the Corps. Based on pending agreements The Corps, State Reclamation Board, CalTrans and County of Butte will share the Study cost.

Justification for Project and Funding by CALFED

This project is the result of input from Federal, State and local agencies, together with area residents as the result of severe property and habitat damage as the result of declared emergencies in 1995 (2), 1997 and 1998. The project will be coordinated with the U.S. Army Corps of Engineers, Section 205, Feasibility Study to address a myriad of watershed issues, including but not limited to:

Flood control, sediment transport, erosion, water quality, freshwater temperature, enhancement of fish and riparian habitat, setback levees, and storm water detention.

Data Evaluation Approach

Table 1. Monitoring and Data Collection Information

1) Biological /Ecological Objectives			
Hypothesis/Question to be Evaluated	Monitoring Parameter(s) and Data Collection Approach	Data Evaluation Approach	Comments/Data Priority
How much can existing habitat be enhanced in conjunction with design and ultimate construction of a flood control project or projects.	Establishment of a comprehensive listing rare, endangered, threatened and candidate plant and animal species resident within the Study boundaries.	Evaluation to be performed by experts in each field of plant and animal species as well as environmental restoration experts.	Data collection and evaluation to be done in accordance with Figure 1 Feasibility Study Schedule.

Costs and Schedule to Implement Proposed Project

Table 2 - Budget Costs, Table 3 – Quarterly Budget and Figure 1 – Feasibility Study Schedule, attached

Table 2. Total Budget (CALFED funds only)

Project Task	Direct Labor Hours	Direct Salary & Benefits	Service Contracts	Material & Acquisition	Misc	Overhead & Indirect Costs	Total Cost
ENGINEERING APPENDIX							
Surveys and Mapping	320	\$14,880	\$56,480	\$1,500	\$0	\$12,000	\$84,860
Hydrology and Hydraulics Studies/Report							
Preliminary Investigations/Data Collection	80	\$3,720	\$5,000	\$250	\$0	\$3,000	\$11,970
Hydrologic Modeling and Analysis	80	\$3,720	\$8,000	\$250	\$0	\$3,000	\$14,970
Hydraulic Modeling	80	\$3,720	\$8,000	\$0	\$0	\$3,000	\$14,720
With-Project Modeling and Appendix	80	\$3,720	\$5,000	\$0	\$0	\$3,000	\$11,720
Geotechnical Studies/Report							
Baseline Geotechnical Data	40	\$1,860	\$6,000	\$250	\$0	\$1,500	\$9,610
Geology and Soils Design	120	\$5,580	\$15,000	\$0	\$0	\$4,500	\$25,080
Engineering Design and Analysis							
Preliminary Design and Quantities	80	\$3,720	\$3,500	\$250	\$0	\$3,000	\$10,470
Draft and Final Basis of Design/Engineering Appendix	40	\$1,860	\$1,500	\$250	\$0	\$1,500	\$5,110
SOCIOECONOMIC STUDIES/REPORT							
Economic Analysis / Report							
Economic Damages	80	\$3,720	\$5,000	\$250	\$0	\$3,000	\$11,970
Benefit Analysis	40	\$1,860	\$4,000	\$0	\$0	\$1,500	\$7,360
Economics Appendix	32	\$1,488	\$1,500	\$0	\$0	\$1,200	\$4,188
REAL ESTATE STUDIES/SUPPLEMENT							
Real Estate Supplement/Plan							
Real Estate Coordination	16	\$744	\$3,500	\$250	\$0	\$600	\$5,094
Preparation of Real Estate Supplement	8	\$372	\$1,000	\$250	\$0	\$300	\$1,922
Review and Revise Documents	8	\$372	\$0	\$0	\$0	\$300	\$672
Gross Appraisal	16	\$744	\$3,500	\$250	\$0	\$600	\$5,094
Preliminary Real Estate Acquisition Maps	8	\$372	\$2,000	\$250	\$0	\$300	\$2,922
Physical Takings Analysis	16	\$744	\$1,500	\$250	\$0	\$600	\$3,094
Preliminary Attorney's Opinion of Compensability	8	\$372	\$2,000	\$0	\$0	\$300	\$2,672
Rights of Entry	40	\$1,860	\$0	\$100	\$0	\$1,500	\$3,460
All Other Real Estate Analyses/Documents							
Baseline Real Estate Cost Estimate	8	\$372	\$2,500	\$100	\$0	\$300	\$3,272
Institutional Financial Capability Analysis	8	\$372	\$1,000	\$0	\$0	\$300	\$1,672

Table 2. Total Budget (CALFED funds only)

Project Task	Direct Labor Hours	Direct Salary & Benefits	Service Contracts	Material & Acquisition	Misc	Overhead & Indirect Costs	Total Cost
ENVIRONMENTAL STUDIES/REPORT							
Environmental Studies Report							
Public Scoping Activities	80	\$3,720	\$0	\$250	\$0	\$3,000	\$6,970
Alternative Formulation Participation	200	\$9,300	\$15,000	\$500	\$0	\$7,500	\$32,300
Threatened and Endangered Species	200	\$9,300	\$15,000	\$250	\$0	\$7,500	\$32,050
Water Quality Assessment	120	\$5,580	\$10,000	\$250	\$0	\$4,500	\$20,330
Air Quality Assessment	32	\$1,488	\$2,000	\$250	\$0	\$1,200	\$4,938
Draft EIS Preparation	240	\$11,160	\$18,000	\$1,000	\$0	\$9,000	\$39,160
Final EIS Preparation	80	\$3,720	\$12,000	\$1,000	\$0	\$3,000	\$19,720
Fish and Wildlife Coordination Act Report	120	\$5,580	\$9,000	\$250	\$0	\$4,500	\$19,330
HTRW STUDIES/REPORT							
HTRW Report							
	80	\$3,720	\$2,000	\$100	\$0	\$3,000	\$8,820
CULTURAL RESOURCE REPORT							
Cultural Resource Report							
	120	\$5,580	\$5,000	\$250	\$0	\$4,500	\$15,330
COST ESTIMATES							
Cost Estimates							
M-CACES Cost Estimate	80	\$3,720	\$3,500	\$0	\$0	\$3,000	\$10,220
PUBLIC INVOLVEMENT DOCUMENTS							
Public Involvement							
Coordination	240	\$11,160	\$0	\$1,000	\$0	\$9,000	\$21,160
PLAN FORMULATION DOCUMENTS							
Plan Formulation Documents							
Plan Formulation, Preliminary Scoping and Screening Process	160	\$7,440	\$1,500	\$250	\$0	\$6,000	\$15,190
Plan Formulation, Alternative Screening	160	\$7,440	\$1,500	\$250	\$0	\$6,000	\$15,190
DRAFT REPORT DOCUMENTATION							
Draft Report Documentation							
Draft Detailed Project Report	160	\$7,440	\$15,000	\$250	\$0	\$6,000	\$28,690

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Table 2. Total Budget (CALFED funds only)

Project Task	Direct Labor Hours	Direct Salary & Benefits	Service Contracts	Material & Acquisition	Misc	Overhead & Indirect Costs	Total Cost
FINAL REPORT DOCUMENTATION							
Final Report Documentation							
Final Detailed Project Report	180	\$7,440	\$6,000	\$250	\$0	\$6,000	\$19,690
PROGRAM & PROJECT MANAGEMENT DOCUMENTS							
Program & Project Management Documents	120	\$5,580	\$6,000	\$100	\$0	\$4,500	\$16,180
TECHNICAL REVIEW							
Technical Review	200	\$9,300	\$30,000	\$500	\$0	\$7,500	\$47,300
FEASIBILITY STUDY CONTINGENCY							
Feasibility Study Contingency	0	\$0	\$35,530	\$0	\$0	\$0	\$35,530
Total	\$3,760	\$174,840	\$323,010	\$11,150	\$0	\$141,000	\$650,000

Table 3. Quarterly Budget (CALFED funds only)

Project Task	Quarterly Budget Apr-Jun 99	Quarterly Budget Jul-Sep 99	Quarterly Budget Oct-Dec 99	Quarterly Budget Jan-Mar 00
ENGINEERING APPENDIX				
Surveys and Mapping	\$21,215	\$63,645		
Hydrology and Hydraulics Studies/Report				
Preliminary Investigations/Data Collection	\$5,985	\$5,985		
Hydrologic Modeling and Analysis		\$11,228	\$3,742	
Hydraulic Modeling		\$11,040	\$3,680	
With-Project Modeling and Appendix				\$11,720
Geotechnical Studies/Report				
Baseline Geotechnical Data	\$9,610			
Geology and Soils Design				\$25,080
Engineering Design and Analysis				
Preliminary Design and Quantities		\$10,470		
Draft and Final Basis of Design/Engineering Appendix				
SOCIOECONOMIC STUDIES/REPORT				
Economic Analysis / Report				
Economic Damages			\$11,970	
Benefit Analysis				\$7,360
Economics Appendix				
REAL ESTATE STUDIES/SUPPLEMENT				
Real Estate Supplement/Plan				
Real Estate Coordination			\$1,274	\$1,274
Preparation of Real Estate Supplement				
Review and Revise Documents				
Gross Appraisal				
Preliminary Real Estate Acquisition Maps				
Physical Takings Analysis				\$3,094
Preliminary Attorney's Opinion of Compensability				\$2,672
Rights of Entry	\$1,730	\$1,730		
All Other Real Estate Analyses/Documents				
Baseline Real Estate Cost Estimate		\$3,272		
Institutional Financial Capability Analysis				\$1,672

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Table 3. Quarterly Budget (CALFED funds only)

Project Task	Quarterly Budget Apr-Jun 99	Quarterly Budget Jul-Sep 99	Quarterly Budget Oct-Dec 99	Quarterly Budget Jan-Mar 00
ENVIRONMENTAL STUDIES/REPORT				
Environmental Studies Report				
Public Scoping Activities		\$1,743	\$1,743	\$1,743
Alternative Formulation Participation		\$8,075	\$8,075	\$8,075
Threatened and Endangered Species		\$8,013	\$8,013	\$8,013
Water Quality Assessment		\$5,083	\$5,083	\$5,083
Air Quality Assessment		\$1,235	\$1,235	\$1,235
Draft EIS Preparation				
Final EIS Preparation				
Fish and Wildlife Coordination Act Report				
HTRW STUDIES/REPORT				
HTRW Report				
		\$8,820		
CULTURAL RESOURCE REPORT				
Cultural Resource Report				
			\$3,833	\$11,497
COST ESTIMATES				
Cost Estimates				
M-CACES Cost Estimate				
PUBLIC INVOLVEMENT DOCUMENTS				
Public Involvement				
Coordination	\$3,527	\$3,527	\$3,527	\$3,527
PLAN FORMULATION DOCUMENTS				
Plan Formulation Documents				
Plan Formulation, Preliminary Scoping and Screening Process		\$15,190		
Plan Formulation, Alternative Screening			\$15,190	
DRAFT REPORT DOCUMENTATION				
Draft Report Documentation				
Draft Detailed Project Report				\$7,173

Table 3. Quarterly Budget (CALFED funds only)

Project Task	Quarterly Budget Apr-Jun 99	Quarterly Budget Jul-Sep 99	Quarterly Budget Oct-Dec 99	Quarterly Budget Jan-Mar 00
FINAL REPORT DOCUMENTATION				
Final Report Documentation				
Final Detailed Project Report				
PROGRAM & PROJECT MANAGEMENT DOCUMENTS				
Program & Project Management Documents				
TECHNICAL REVIEW				
Technical Review				\$11,825
FEASIBILITY STUDY CONTINGENCY				
Feasibility Study Contingency	\$4,441	\$4,441	\$4,441	\$4,441
Quarterly Totals	\$46,508	\$163,497	\$71,806	\$116,484

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Table 3. Quarterly Budget (CALFED funds only)

Project Task	Quarterly Budget Apr-Jun 00	Quarterly Budget Jul-Sep 00	Quarterly Budget Oct-Dec 00	Quarterly Budget Jan-Mar 01
ENGINEERING APPENDIX				
Surveys and Mapping				
Hydrology and Hydraulics Studies/Report				
Preliminary Investigations/Data Collection				
Hydrologic Modeling and Analysis				
Hydraulic Modeling				
With-Project Modeling and Appendix				
Geotechnical Studies/Report				
Baseline Geotechnical Data				
Geology and Soils Design				
Engineering Design and Analysis				
Preliminary Design and Quantities				
Draft and Final Basis of Design/Engineering Appendix		\$5,110		
SOCIOECONOMIC STUDIES/REPORT				
Economic Analysis / Report				
Economic Damages				
Benefit Analysis				
Economics Appendix		\$4,188		
REAL ESTATE STUDIES/SUPPLEMENT				
Real Estate Supplement/Plan				
Real Estate Coordination	\$1,274		\$1,272	
Preparation of Real Estate Supplement	\$961		\$961	
Review and Revise Documents	\$672			
Gross Appraisal	\$5,094			
Preliminary Real Estate Acquisition Maps	\$2,922			
Physical Takings Analysis				
Preliminary Attorney's Opinion of Compensability				
Rights of Entry				
All Other Real Estate Analyses/Documents				
Baseline Real Estate Cost Estimate				
Institutional Financial Capability Analysis				

I-013795

I-013795

Table 3. Quarterly Budget (CALFED funds only)

Project Task	Quarterly Budget Apr-Jun 00	Quarterly Budget Jul-Sep 00	Quarterly Budget Oct-Dec 00	Quarterly Budget Jan-Mar 01
ENVIRONMENTAL STUDIES/REPORT				
Environmental Studies Report				
Public Scoping Activities		\$1,741		
Alternative Formulation Participation		\$8,075		
Threatened and Endangered Species		\$8,011		
Water Quality Assessment		\$5,081		
Air Quality Assessment		\$1,233		
Draft EIS Preparation		\$39,160		
Final EIS Preparation		\$19,720		
Fish and Wildlife Coordination Act Report		\$19,330		
HTRW STUDIES/REPORT				
HTRW Report				
CULTURAL RESOURCE REPORT				
Cultural Resource Report				
COST ESTIMATES				
Cost Estimates				
M-CACES Cost Estimate	\$10,220			
PUBLIC INVOLVEMENT DOCUMENTS				
Public Involvement				
Coordination	\$3,527	\$3,525		
PLAN FORMULATION DOCUMENTS				
Plan Formulation Documents				
Plan Formulation, Preliminary Scoping and Screening Process				
Plan Formulation, Alternative Screening				
DRAFT REPORT DOCUMENTATION				
Draft Report Documentation				
Draft Detailed Project Report	\$14,345	\$7,172		

Table 3. Quarterly Budget (CALFED funds only)

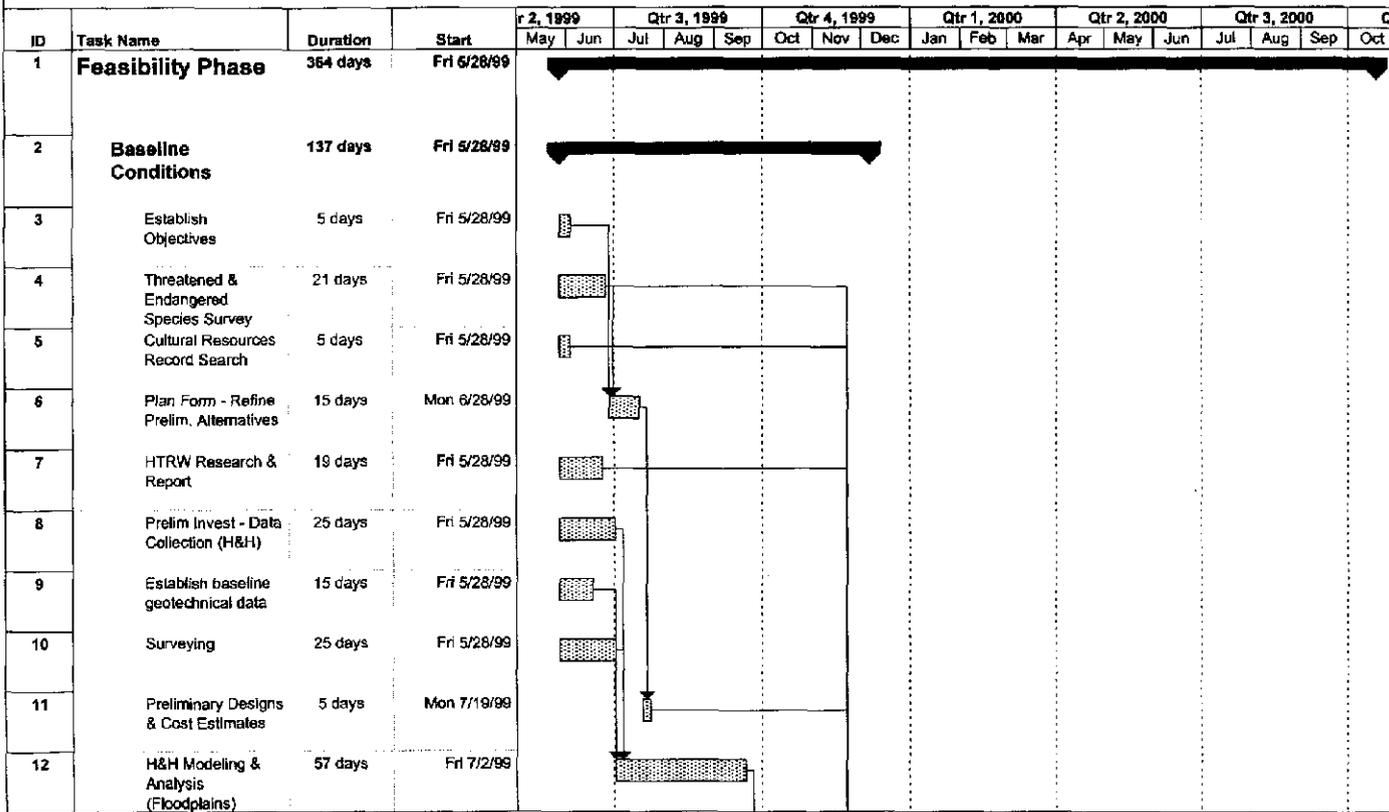
Project Task	Quarterly Budget Apr-Jun 00	Quarterly Budget Jul-Sep 00	Quarterly Budget Oct-Dec 00	Quarterly Budget Jan-Mar 01
FINAL REPORT DOCUMENTATION				
Final Report Documentation				
Final Detailed Project Report		\$19,690		
PROGRAM & PROJECT MANAGEMENT DOCUMENTS				
Program & Project Management Documents		\$16,180		
TECHNICAL REVIEW				
Technical Review		\$35,475		
FEASIBILITY STUDY CONTINGENCY				
Feasibility Study Contingency	\$4,441	\$13,325		
Quarterly Totals	\$52,754	\$198,951	\$0	\$0

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I-013797

Figure 1. Feasibility Study Schedule

Rock Creek - Keefer Slough, Butte County
Section 205 Flood Control



1-013798

Project: Feasibility sump
Date: Wed 4/14/99

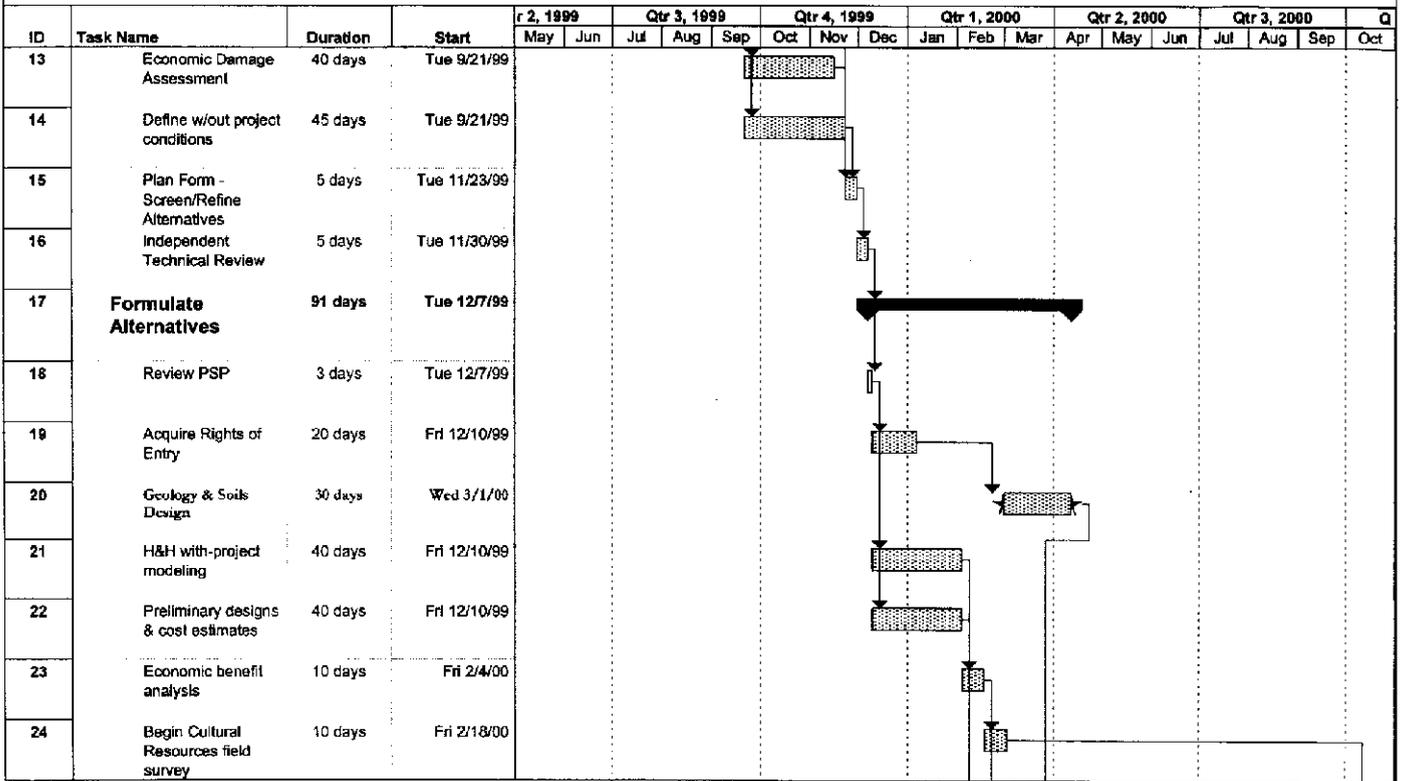
Critical Task		Summary		External Tasks	
Task		Rolled Up Task		Project Summary	
Progress		Rolled Up Milestone		Split	
Milestone		Rolled Up Progress		Rolled Up Split	

1-013798

1-013799

Figure 1. Feasibility Study Schedule

Rock Creek - Keefer Slough, Butte County
Section 205 Flood Control

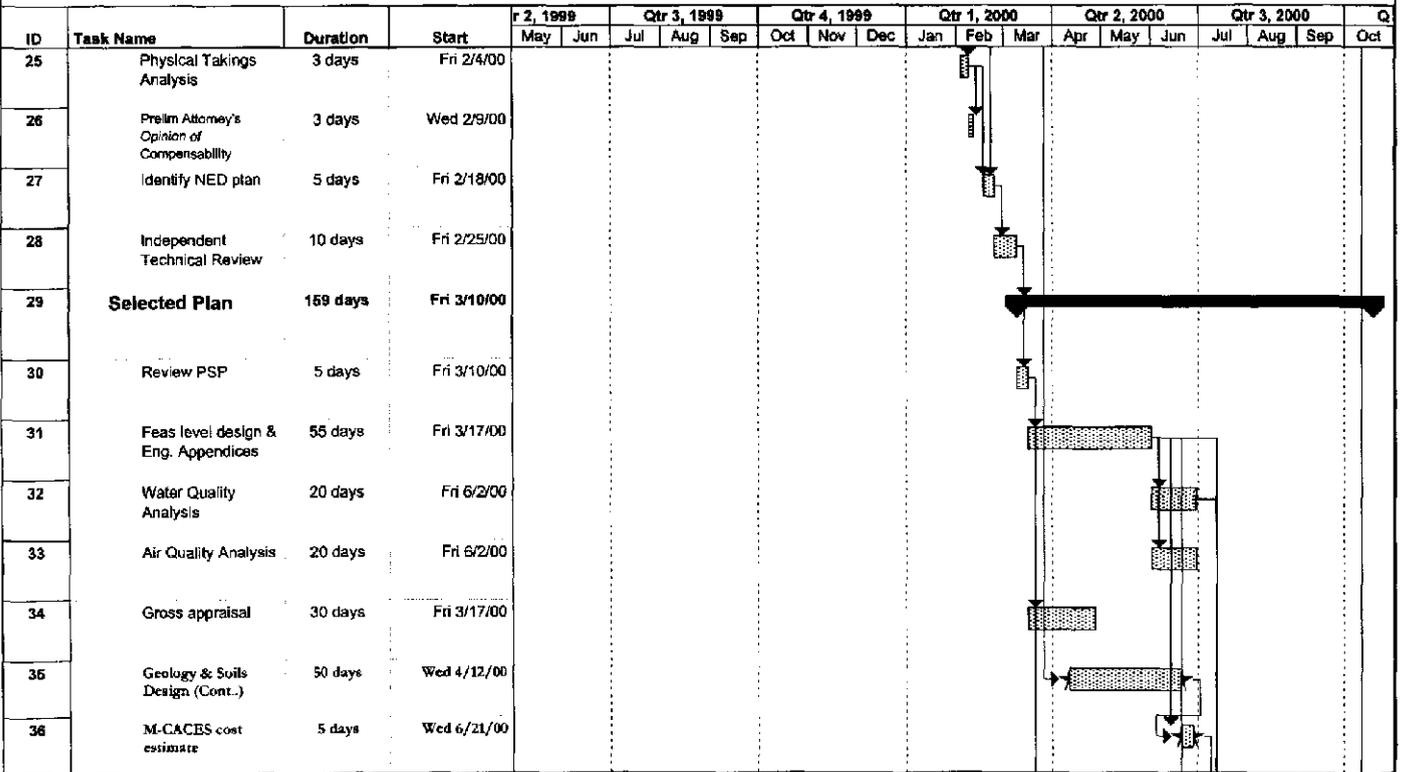


Project: Feasibility sump Date: Wed 4/14/99	Critical Task		Summary		External Tasks	
	Task		Rolled Up Task		Project Summary	
	Progress		Rolled Up Milestone		Split	
	Milestone		Rolled Up Progress		Rolled Up Split	

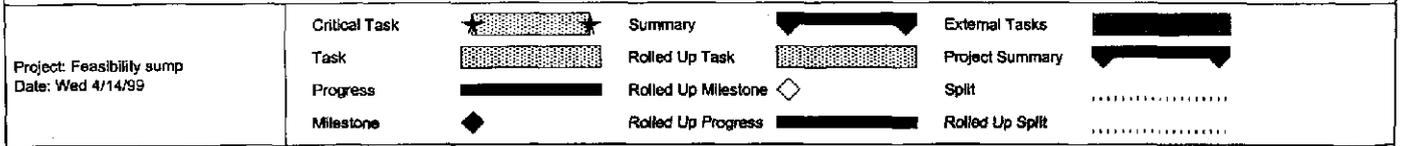
1-013799

Figure 1. Feasibility Study Schedule

Rock Creek - Keefer Slough, Butte County
Section 205 Flood Control



1-013800

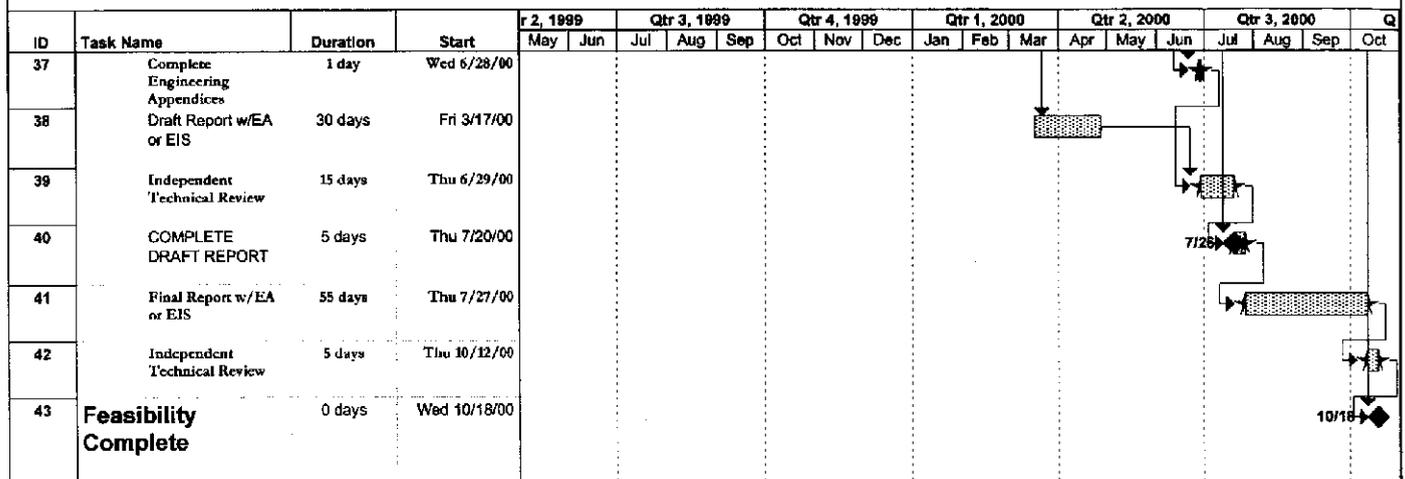


1-013800

1-013801

Figure 1. Feasibility Study Schedule

Rock Creek - Kaefer Slough, Butte County
Section 205 Flood Control



Project: Feasibility sump Date: Wed 4/14/99	Critical Task		Summary		External Tasks	
	Task		Rolled Up Task		Project Summary	
	Progress		Rolled Up Milestone		Split	
	Milestone		Rolled Up Progress		Rolled Up Split	

1-013801

**APPLICATION FOR
FEDERAL ASSISTANCE**

OMB Approval No. 0348-0043

2. DATE SUBMITTED APRIL 14, 1999		Applicant Identifier	
3. DATE RECEIVED BY STATE		State Application Identifier	
4. DATE RECEIVED BY FEDERAL AGENCY		Federal Identifier	
1. TYPE OF SUBMISSION: Application <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction <input checked="" type="checkbox"/> Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction <input type="checkbox"/>			
APPLICANT INFORMATION			
Legal Name: COUNTY OF BUTTE		Organizational Unit: LOCAL GOVERNMENT	
Address (give city, county, State, and zip code): BUTTE COUNTY 7 COUNTY CENTER DRIVE OROVILLE, CA 95965-3397		Name and telephone number of person to be contacted on matters involving this application (give area code): STUART EDELL (530) 538-7266	
EMPLOYER IDENTIFICATION NUMBER (EIN): 94-6000506		7. TYPE OF APPLICANT: (enter appropriate letter in box) <input checked="" type="checkbox"/> B	
6. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision Revision, enter appropriate letter(s) in box(es) <input type="checkbox"/> <input type="checkbox"/> A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other (specify):		A. State H. Independent School Dist. B. County I. State Controlled Institution of Higher Learning C. Municipal J. Private University D. Township K. Indian Tribe E. Interstate L. Individual F. Intermunicipal M. Profit Organization G. Special District N. Other (Specify) _____	
8. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: TITLE: 2. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): CHICO, CA, BUTTE COUNTY, FEDERAL GOVERNMENT, F.E.M.A. U.S. FISH & WILDLIFE, NATIONAL MARINE FISHERIES		9. NAME OF FEDERAL AGENCY: U.S. FISH AND WILDLIFE	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: TITLE: 2. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): CHICO, CA, BUTTE COUNTY, FEDERAL GOVERNMENT, F.E.M.A. U.S. FISH & WILDLIFE, NATIONAL MARINE FISHERIES		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: ROCK CREEK / KEEFER SLOUGH ENVIRONMENTAL RESTORATION	
3. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICTS OF: CALIFORNIA 2nd DISTRICT REPRESENTATIVE - WALLY HERGER	
Start Date 6/99	Ending Date 12/2001	a. Applicant WALLY HERGER	b. Project WALLY HERGER
5. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
i. Federal	\$ 650,000	a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____	
ii. Applicant	\$ _____	b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
iii. State	\$ 200,000	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> Yes If "Yes," attach an explanation. <input checked="" type="checkbox"/> No	
iv. Local	\$ 200,000		
v. Other ACOE SEC. 205	\$ 400,000		
vi. Program Income	\$ _____		
vii. TOTAL	\$ 1,450,000		
8. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.			
i. Type Name of Authorized Representative COUNTY OF BUTTE		b. Title CHAIR	c. Telephone Number 530-538-7643
i. Signature of Authorized Representative		e. Date Signed April 13, 1999	

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Prescribed by OMB Circular A-102

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I-013802

**PART E: Certification Regarding Lobbying
Certification for Contracts, Grants, Loans, and Cooperative Agreements**

**CHECK IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND
THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT;
SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.**

**CHECK IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL
LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR
SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.**

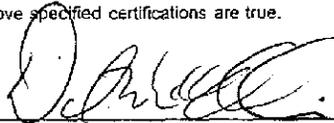
The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the authorized certifying official, I hereby certify that the above specified certifications are true.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL



TYPED NAME AND TITLE DAVE McClain, CHIEF DEPT COUNTY COUNSEL

DATE

4/13/99

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

**LEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET.
END IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

The duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE BUTTE COUNTY BOARD OF SUPERVISORS by JANE DOLAN, CHAIR
APPLICANT ORGANIZATION COUNTY OF BUTTE	DATE SUBMITTED

Standard Form 424B (Rev. 7-97) Back

U.S. Department of the Interior

**Certifications Regarding Debarment, Suspension and
Other Responsibility Matters, Drug-Free Workplace
Requirements and Lobbying**

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used; use this form for certification and sign; or use Department of the Interior Form 1954 (DI-1954). (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

**PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters -
Primary Covered Transactions**

CHECK__IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE.

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

**PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion -
Lower Tier Covered Transactions**

CHECK__IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE.

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART C: Certification Regarding Drug-Free Workplace Requirements

CHECK ___ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL.

Alternate I. (Grantees Other Than Individuals)

A. The grantee certifies that it will or continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about--
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --
 - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

Check ___ if there are workplaces on file that are not identified here.

PART D: Certification Regarding Drug-Free Workplace Requirements

CHECK ___ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL.

Alternate II. (Grantees Who Are Individuals)

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

SECTION D: BUDGETARY RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
6. CALFED CAT III	\$ 0	\$ 0	\$ 0	\$ 0	0
9. ACE SECTION 205 CONTINUING AUTHORITY	0	0	0	0	0
10. CA RECLAMATION BOARD		200,000		200,000	200,000
11. LOCAL			200,000	200,000	200,000
12. TOTAL (sum of lines 8 - 11)	\$	\$	\$	\$	400,000
SECTION E: BUDGET ESTIMATES OF FUTURE FUNDING NEEDS					
Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
13. Federal CALFED CAT III	\$ 397,295	\$ 46,508	\$ 163,497	\$ 71,806	\$ 115,484
14. Non-Federal ACE, CA REC BOARD, LOCAL	606,526	160,000	126,526	160,000	160,000
15. TOTAL (sum of lines 13 and 14)	1,003,821	206,508	290,023	231,806	275,484
SECTION E: BUDGET ESTIMATES OF FUTURE FUNDING NEEDS					
(a) Grant Program	(b) First	(c) Second	(d) Third	(e) Fourth	
16. CALFED CAT III	\$ 252,705	\$	\$	\$	
17. ACE, CA RECLAMATION BOARD, LOCAL	193,474				
18.					
19.					
20. TOTAL (sum of lines 16-19)	\$ 446,179	\$	\$	\$	
21. Direct Charges:	22. Indirect Charges: FIXED, ESTIMATED BASE = \$112,800				
23. Remarks:	INDIRECT CHARGES APPLY TO GENERAL ADMINISTRATION & OVERHEAD				

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Public reporting burden for this collection of information is estimated to average 180 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0044), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET, SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

General Instructions

This form is designed so that application can be made for funds from one or more grant programs. In preparing the budget, adhere to any existing Federal grantor agency guidelines which prescribe how and whether budgeted amounts should be separately shown for different functions or activities within the program. For some programs, grantor agencies may require budgets to be separately shown by function or activity. For other programs, grantor agencies may require a breakdown by function or activity. Sections A, B, C, and D should include budget estimates for the whole project except when applying for assistance which requires Federal authorization in annual or other funding period increments. In the latter case, Sections A, B, C, and D should provide the budget for the first budget period (usually a year) and Section E should present the need for Federal assistance in the subsequent budget periods. All applications should contain a breakdown by the object class categories shown in Lines a-k of Section B.

Section A. Budget Summary Lines 1-4 Columns (a) and (b)

For applications pertaining to a *single* Federal grant program (Federal Domestic Assistance Catalog number) and *not* requiring a functional or activity breakdown, enter on Line 1 under Column (a) the catalog program title and the catalog number in Column (b).

For applications pertaining to a *single* program requiring budget amounts by multiple functions or activities, enter the name of each activity or function on each line in Column (a), and enter the catalog number in Column (b). For applications pertaining to multiple programs where none of the programs require a breakdown by function or activity, enter the catalog program title on each line in Column (a) and the respective catalog number on each line in Column (b).

For applications pertaining to a *multiple* programs where one or more programs require a breakdown by function or activity, prepare a separate sheet for each program requiring the breakdown. Additional sheets should be used when one form does not provide adequate space for all breakdown of data required. However, when more than one sheet is used, the first page should provide the summary totals by programs.

Lines 1-4, Columns (e) through (g)

For new applications, leave Columns (c) and (d) blank. For each line entry in Columns (a) and (b), enter in Columns (e), (f), and (g) the appropriate amounts of funds needed to support the project for the first funding period (usually a year).

For continuing grant program applications, submit these forms before the end of each funding period as required by the grantor agency. Enter in Columns (c) and (d) the estimated amounts of funds which will remain unobligated at the end of the grant funding period only if the Federal grantor agency instructions provide for this. Otherwise, leave these columns blank. Enter in Columns (e) and (f) the amounts of funds needed for the upcoming period. The amount(s) in Column (g) should be the sum of amounts in Columns (e) and (f).

For supplemental grants and changes to existing grants, do not use Columns (c) and (d). Enter in Column (e) the amount of the increase or decrease of Federal funds and enter in Column (f) the amount of the increase or decrease of non-Federal funds. In Column (g) enter the new total budgeted amount (Federal and non-Federal) which includes the total previous authorized budgeted amounts plus or minus, as appropriate, the amounts shown in Columns (e) and (f). The amount(s) in Column (g) should not equal the sum of amounts in Columns (e) and (f).

Line 5—Show the totals for all columns used.

Section B. Budget Categories

In the column headings (1) through (4), enter the titles of the same programs, functions, and activities shown on Lines 1-4, Column (a), Section A. When additional sheets are prepared for Section A, provide similar column headings on each sheet. For each program, function or activity, fill in the total requirements for funds (both Federal and non-Federal) by object class categories.

Lines 6a-i—Show the totals of Lines 6a and 6h in each column.

Line 6j—Show the amount of indirect cost.

Line 6k—Enter the total of amounts on Lines 6i and 6j. For all applications for new grants and continuation grants the total amount in column (5), Line 6k, should be the same as the total amount shown in Section A, Column (g), Line 5. For supplemental grants and changes to grants, the total amount of the increase or decrease as shown in Columns (1)-(4), Line 6k should be the same as the sum of the amounts in Section A, Columns (e) and (f) on Line 5.

Line 7—Enter the estimated amount of income, if any, expected to be generated from this project. Do not add or subtract this amount from the total project amount. Show under the program.

BUDGET INFORMATION - Non-Construction Programs						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. CALFED CAT III		\$	\$	\$ 650,000	\$	\$ 650,000
2. ACCE SEC. 205				400,000		400,000
3. CA REC. BOARD					200,000	200,000
4. LOCAL					200,000	200,000
5. Totals		\$	\$	\$ 1,050,000	\$ 400,000	\$ 1,450,000
SECTION 6 - BUDGET CATEGORIES						
6. Object Class Categories	GRANT PROGRAM FUNCTION OR ACTIVITY				Total (5)	
	(1) CALFED CAT III	(2) ACCE SEC. 205	(3) CA REC. BOARD	(4) LOCAL		
a. Personnel	\$ 174,840	\$	\$	\$	\$ 174,840	
b. Fringe Benefits						
c. Travel						
d. Equipment						
e. Supplies	11,150				11,150	
f. Contractual	323,010	400,000			723,010	
g. Construction						
h. Other: MATCHING FUNDS - ACCE SEC. 205			200,000	200,000	400,000	
i. Total Direct Charges (sum of 6a-6h)	509,000	400,000	200,000	200,000	1,309,000	
j. Indirect Charges	141,000					
k. TOTALS (sum of 6i and 6j)	\$ 650,000	\$ 400,000	\$ 200,000	\$ 200,000	\$ 1,450,000	
7. Program Income	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	

INSTRUCTIONS FOR THE SF-424

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

This is a standard form used by applicants as a required facesheet for preapplications and applications submitted for Federal assistance. It will be used by Federal agencies to obtain applicant certification that States which have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

- | Item: | Entry: | Item: | Entry: |
|-------|---|-------|--|
| 1. | Self-explanatory. | 12. | List only the largest political entities affected (e.g., State, counties, cities). |
| 2. | Date application submitted to Federal agency (or State if applicable) and applicant's control number (if applicable). | 13. | Self-explanatory. |
| 3. | State use only (if applicable). | 14. | List the applicant's Congressional District and any District(s) affected by the program or project. |
| 4. | If this application is to continue or revise an existing award, enter present Federal identifier number. If for a new project, leave blank. | 15. | Amount requested or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines as applicable. If the action will result in a dollar change to an existing award, indicate <i>only</i> the amount of the change. For decreases, enclose the amounts in parentheses. If both basic and supplemental amounts are included, show breakdown on an attached sheet. For multiple program funding, use totals and show breakdown using same categories as item 15. |
| 5. | Legal name of applicant, name of primary organizational unit which will undertake the assistance activity, complete address of the applicant, and name and telephone number of the person to contact on matters related to this application. | 16. | Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State intergovernmental review process. |
| 6. | Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service. | 17. | This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes. |
| 7. | Enter the appropriate letter in the space provided. | 18. | To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.) |
| 8. | Check appropriate box and enter appropriate letter(s) in the space(s) provided:

-- "New" means a new assistance award.

-- "Continuation" means an extension for an additional funding/budget period for a project with a projected completion date.

-- "Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation. | | |
| 9. | Name of Federal agency from which assistance is being requested with this application. | | |
| 10. | Use the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested. | | |
| 11. | Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location. For preapplications, use a separate sheet to provide a summary description of this project. | | |

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