

C7012
C1060

COVER SHEET (PAGE 1 of 2)

May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

Proposal Title: Kirker Creek Watershed Wetlands Restoration/Flood Control
 Applicant Name: City of Pittsburg
 Mailing Address: P.O. Box 1518, Pittsburg, CA 94565
 Telephone: 925-439-4930
 Fax: 925-439-0527

Amount of funding requested: \$ 1,650,000.00 for 3* years

*Monitoring May Extend This Schedule.

Indicate the Topic for which you are applying (check only one box). Note that this is an important decision: see page of the Proposal Solicitation Package for more information.

- | | |
|---|---|
| <input type="checkbox"/> Fish Passage Assessment | <input type="checkbox"/> Fish Passage Improvements |
| <input checked="" type="checkbox"/> Floodplain and Habitat Restoration | <input type="checkbox"/> Gravel Restoration |
| <input type="checkbox"/> Fish Harvest | <input type="checkbox"/> Species Life History Studies |
| <input type="checkbox"/> Watershed Planning/Implementation | <input type="checkbox"/> Education |
| <input type="checkbox"/> Fish Screen Evaluations - Alternatives and Biological Priorities | |

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

- | | |
|---|---|
| <input type="checkbox"/> Sacramento River Mainstem | <input checked="" type="checkbox"/> Sacramento Tributary: _____ |
| <input type="checkbox"/> Delta | <input type="checkbox"/> East Side Delta Tributary: _____ |
| <input type="checkbox"/> Suisun Marsh and Bay | <input type="checkbox"/> San Joaquin Tributary: _____ |
| <input type="checkbox"/> San Joaquin River Mainstem | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Landscape (entire Bay-Delta watershed) | <input type="checkbox"/> North Bay: _____ |

Indicate the primary species which the proposal addresses (check no more than two boxes):

- | | |
|--|--|
| <input type="checkbox"/> San Joaquin and East-side Delta tributaries fall-run chinook salmon | <input type="checkbox"/> Spring-run chinook salmon |
| <input type="checkbox"/> Winter-run chinook salmon | <input type="checkbox"/> Fall-run chinook salmon |
| <input type="checkbox"/> Late-fall run chinook salmon | <input type="checkbox"/> Longfin smelt |
| <input type="checkbox"/> Delta smelt | <input type="checkbox"/> Steelhead trout |
| <input checked="" type="checkbox"/> Splittail | <input type="checkbox"/> Striped bass |
| <input type="checkbox"/> Green sturgeon | |
| <input checked="" type="checkbox"/> Migratory birds | |

May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

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

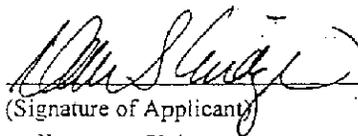
- | | |
|---|---|
| <input type="checkbox"/> State agency | <input type="checkbox"/> Federal agency |
| <input type="checkbox"/> Public/Non-profit joint venture | <input type="checkbox"/> Non-profit |
| <input checked="" type="checkbox"/> Local government/district | <input type="checkbox"/> Private party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

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

- | | |
|-------------------------------------|--|
| <input type="checkbox"/> Planning | <input checked="" 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 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 II.K) 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.



(Signature of Applicant)

Nasser Shirazi
Community Development Director

II. **Executive Summary**

- a. Project Title:
Kirker Creek Watershed Wetlands Restoration and Flood Control

Project Applicant:
City of Pittsburg

- b. Project Description and Primary Biological/Ecological Objectives

A project to reclaim seasonal riparian habitat and help prevent flooding which has caused private property damage and closure of Highway 4 (Traffic Volume - 89,000 vehicles per day) and the Pittsburg/Antioch Highway (12,000 vehicles per day) for the past two winters. This project will widen natural channels, re-divert watershed runoff back to its natural course, and establish a 30 acre detention pond for seasonal storm water runoff. (See attached Exhibits "A" and "B")

- c. Approach/Tasks/Schedule

An evaluation of alternate solutions for the Kirker Creek Watershed flood control improvements, including a cost effectiveness analysis, is nearing completion. Once the selected project is approved by the City Council, the design of the system and construction will commence to be followed by a monitoring program. Since this is but one part of a larger and more encompassing program and a means of funding is still in its nascent stages, a specific schedule has not been identified. This area is of the highest priority and will be the primary focus for implementation. CALTRANS will be placing box culvert structures under Highway 4 this summer. They will be large enough to accommodate a 100 year storm, but will have control gates on them to restrict the flow of water in order to prevent flooding of downstream properties. Some funds are available for the City of Pittsburg to make improvements, i.e. widen and clean, existing channels in this area and this will be done in the summer of 1998. The City's efforts are only interim achievements that are necessary to mitigate the impacts of storm runoff until funds and a final project are available for implementation.

- d. Justification for Project and Funding by CALFED

This specific project is a combination of wetland restoration and flood control. 7 alternate solutions were analyzed for this particular area (see exhibits "A" and "B") to solve a serious flooding problem. Some of the solutions that were analyzed would have incorporated concrete and underground structures with no enhancement of the ecological/biological system. The recommended project will reclaim 30 acres for seasonal wetland habitat and will enlarge and lengthen natural channels for seasonal runoff and riparian uses rather than incorporating concrete structures.

- e. Budget Costs -

The estimated cost of the project is \$1.6 million. These costs include: design; property acquisition; construction; monitoring; and City staff time for administration.

II. e. (Cont.)

Third Party Impacts

This project is planned for construction on property owned by The Dow Chemical Company. The City has been working with Dow and they are amenable to allocating the land necessary for the identified project. Whether this will be through fee title transfer or by an easement has not yet been negotiated.

f. Applicant Qualifications

Stormwater management is one of the main responsibilities the City of Pittsburg has continued to implement. Due to limited staffing, on large projects such as this the City will solicit Requests for Qualifications and Proposals for professional design, property acquisition, and monitoring services, and will advertise for bids for construction of the project under California law.

g. Monitoring and Data Evaluation

While construction is underway, the City of Pittsburg will solicit qualifications and proposals from environmental firms with experience in monitoring wetland rehabilitation projects to insure objectives are being met once construction has been completed.

h. Local Support

As the local agency responsible for implementing these types of programs, the City is completely in support of the project. This problem has been under review since last year and private property owners that are impacted have been kept apprised of the situation and progress. Assemblyman Torlakson and Senator Rainey have also been soliciting support for funding of the solution to the flooding problem. Other agencies that have been involved are: City of Antioch; CALTRANS; United States Bureau of Reclamation; Contra Costa Water District; Contra Costa Flood Control District; and, Pittsburg Unified School District.

Coordination with other Programs

This program will be completely integrated with the City's overall stormwater masterplan to insure it is adequate and successfully performs as part of the overall system.

Compatibility with CALFED objectives

This program has specifically been selected as an opportunity to forward the biological and ecological goals of the CALFED program by restoring wetland and riparian habitat.

III. Title Page

a. Title of Project: Kirker Creek Watershed Wetlands Restoration and Flood Control

b. Name of Applicant: City of Pittsburg

Principle Investigators:

Nasser Shirazi	Carl Cahill	Laurie Hill
Community Development Director	Assistant Planner	Grant Coordinator
P.O. Box 1518	P.O. Box 1518	P. O. Box 1518
Pittsburg, CA 94565	Pittsburg, CA 94565	Pittsburg, CA 94565

Ph: (925) 439-4930
fax (925) 439-0527

Ph: (925) 439-4920
fax:(925) 439-0527

Ph: (925) 439-4870
fax (925) 439-4851

c. Type of Agency: City Government, Tax Exempt

d. Tax Identification: N/A

e. Participants/Collaborators in Implementation

Roger Fry
Camp Dresser and McKee Inc.
100 Pringle Avenue, Suite 100
Walnut Creek, CA 94596

Additional consultants and contractors will be selected as the project progresses.

Section IV. Project Description

IV. Project Description

a. Project Description and Approach

The Kirker Creek watershed begins south of the City of Pittsburg, in the unincorporated area of Contra Costa County, and continues north to the New York Slough which is a portion of the Sacramento River. Continued development, siltation of the existing storm drain system and unusually wet winters have caused flooding that has been more severe than usual in the past two years. The last two years have seen the closure of Highway 4 and the Pittsburg/Antioch Highway due to flood waters. Highway 4 was closed for 6 days in February 1998 causing delays and detouring through City streets for 89,000 vehicles per day. The Pittsburg/Antioch Highway closures also impacted an additional 12,000 vehicles per day.

The main restriction in the storm drain system begins at the culvert under Highway 4 (See Exhibit "B"). Highway 4 is at the lower end of the watershed. CALTRANS is going to add two additional box culverts under Highway 4 this summer that will handle a 50 year storm event which is the event that needs to be accommodated under the Contra Costa County Flood Control District's (CCFCD) guidelines for a watershed of this size. The 50 year event is determined by CCFCD's Storm Water Management Model (SWMM). Once CALTRANS installs the box culverts, the downstream storm drain system will be inadequate to contain water that is no longer detained by Highway 4. CALTRANS is, therefore, installing flood gates on the box culverts in order to be able to control the amount of water that will pass through the improved box culverts.

In addition to private property downstream of Highway 4 that will be inundated, there is also an elementary school that will be at risk. The City is working to provide interim and long term solutions to address the problem. The City will do some remedial work this summer downstream of Highway 4 to improve the amount of storm water that can safely be conveyed.

In order to address the permanent, or long term, solution, the City has hired the engineering firm of Camp Dresser and McKee (CDM) to analyze the watershed and recommend a system for construction. This analysis is underway. CDM has conducted a capacity and cost analysis of possible solutions as denoted on Exhibit "B". (Note: For brevity, details of the analysis are not included, but a copy of the study and subsequent work ups is available on request.)

The most critical area and the one demanding highest priority is the portion of the watershed drainage system between Highway 4 and the New York Slough. 7 possible solutions were identified in this area. The preferred solution will include widening of the earthen channel that parallels the Pittsburg/Antioch Highway and opens a break in a levee on the Dow Chemical Company property. This will allow storm water to proceed northerly more directly toward the New York Slough as it did before development of the Dow property. There is a large area of Dow property that was originally intended for expansion of their facilities. However, the expansion did not proceed as anticipated. The flooding problem has been discussed with Dow and they are receptive to allowing the break in the levee and allowing 30 acres of their land to be used as a detention basin to accommodate 140 acre-feet of water. Whether this land will have to be obtained in fee or whether an easement and maintenance agreement will be the particular solution has not yet been determined. This portion of the storm runoff solution is very desirable

in that it provides a means to reclaim seasonal wetland and will provide larger natural channels that can be constructed in a manner that is conducive to the joint purpose of riparian habitat and flood control.

b. Proposed Scope of Work

The first phase of the work is to identify the most desirable solution to the storm drainage flooding problem. This phase is underway now and it is recognized that it will not be available for participation under the CALFED grant.

The next phases of the program will include:

- 1) **Design** - Schedule: Sep 98 - Jan 99/Cost: \$80,000/Deliverable: Plans and specifications ready to bid for construction

- 2) **Environmental Processing/Documentation** - Schedule: Sep 98 - Mar 99/Cost: \$10,000/Deliverable: CEQA and/or NEPA Documentation as required

- 3) **Property acquisition** - Schedule: Sep 98 - Mar 99/Cost: \$900,000/Deliverable: Property for construction of detention basin and related channel

- 4) **Corps of Engineers and Fish and Game permits** - Schedule: Sep 98 - Jun 99/Cost: \$5,000/Deliverable: Permits from these agencies to proceed with the work

- 5) **Construction**- Schedule: Apr 99 - Sep 99/Cost: \$620,000/Deliverable: Detention basin and channels leading directly in and out.

- 6) **Monitoring** - Schedule: Sep 99 - until complete/Cost: \$35,000/Deliverable: Status of project results for wetland restoration success.

Each of these tasks are directly related and are solely for the restoration of the Dow property for flood control and seasonal wetland restoration. The overall project is much more encompassing, but the grant request is limited only to that portion that will directly enhance riparian habitat and wetland restoration.

Each of the above tasks involve separate activities and could be funded separately if only a portion of the project were funded.

c. Location and Geographic Boundaries of the Project

The boundaries of the Kirker Creek Watershed, also designated as CCFCD Zone 8, are shown on Exhibit "A". The actual boundaries of this project are on Dow Chemical property between the Pittsburg/Antioch Highway and the New York Slough as shown on Exhibit "B".

d. Expected Benefits and e. Background and Ecological/Biological/Technical Justification

The project is consistent with the principles and objectives of the CALFED program as specified in the CALFED EIS/EIR Executive Summary on pages 4 and 5.

The project benefits include restoration of a wetlands area and provides detention storage for improved flood plain management of the watershed.

This proposal would create riparian habitat and restore the historical stream bed channel of Kirker Creek. Kirker Creek drains a major watershed in the City of Pittsburg. The original stream bed channel is still visible from arial photographs and is in an area of vacant low lying grassland which slopes toward the adjacent Sacramento River. Purchasing the land or a conservation easement would allow the restoration of the stream to its original channel will once again create an area of seasonal wetlands.

The return of Kirker Creek to its natural channel will create a seasonal wetlands within the adjacent floodplain. It is anticipated that the wetlands will provide habitat for aquatic species such as Splitalil spawning and Salmon rearing and for wildlife species such as waterfowl and shorebirds. They also provide functions such as nutrient cycling and foodweb support. Seasonal wetlands provide foraging opportunities and adjacent uplands provide nesting habitat for waterfowl and other water dependent wildlife species, some of which are listed such as the greater sandhill crane, giant garter snake, California clapper rail, and Aleutian Canada Goose. The Creek itself would provide spawning and rearing habitat for anadromous fish species in the Bay-Delta ecosystem.

This project would eliminate at least two stressors to this immediate area of habitat and contribute to the improvement of the overall health of the Bay-Delta ecosystem. The Project will eliminate the hydrological and physical isolation of a sizeable area of historical floodplain that is less than a mile from the New York Slough.

By restoring the Creek to its original streambed and flood plain, the project will enable natural processes to take over and restore the acreage to suitable habitat for waterfowl and fish spawning.

The project will have long term ecological/biological benefits because it will result in the purchase of floodplain for conservation purposes adjacent to the Sacramento River and restore the Kirker Creek streambed to its original course.

Compatibility and benefits to non-ecosystem CALFED objectives: water quality, water supply reliability, and system integrity.

The proposal will provide benefits to flood management in that it will provide 140 acre feet of detention storage. Highway 4 has experienced significant flooding in the past 2 years due to undersize culverts running under the Highway. The flooding has resulted in the closure of the Highway for periods up to six days. Highway 4 provides access for the

Central Valley to the Bay area. Given that CALTRANS intends on increasing the size of culverts under Highway 4 to relieve Highway flooding, it is imperative that additional detention storage is provided in order to prevent extensive flooding downstream of Route 4. This proposal is identified in the City of Pittsburg's 1998 Storm Water Management Plan (SWMP Phase Five) for the Kirker Creek Watershed prepared by Camp Dresser & McKee.

Other alternatives were analyzed as part of the SWMP. However, this proposal ranked highest overall due to its cost effectiveness and floodplain and ecological benefits that it would provide.

The project will not have the potential for significant adverse impacts to third parties. The current status of this project is summarized in the Project description section.

f. Monitoring and Data Evaluation & g. implementability

The city of Pittsburg plans to abide by all reporting requirements of the proposed project including, but not limited to, providing a description of activities during each project quarter, percentage of task completion, deliverables produced, and discussion of any project problems and delays.

For the purposes of biological monitoring, the City of Pittsburg proposes that this project plan includes hiring a professional ecosystem restoration team to complete the task of developing an ecological and biological monitoring plan.

As required, this plan will be submitted, reviewed, and approved by CALFED before monitoring takes place. The plan will include the objectives of the monitoring, the questions to be answered through monitoring, personnel conducting the monitoring and their related experience, duration of the monitoring, constituents to be monitored, sampling method; location and frequencies of measurements and reporting formats.

The Biological Monitoring program will include Quality Assurance Plan will include the number and type of quality control samples, preservation, storage and analytical techniques; data synthesis and analysis. Standard methodologies used and referenced in the plans.

The monitoring and data evaluation of this proposed project will include:

- Determination that we stopped flooding from the Kirker Creek watershed by allowing the waters to flow more directly to the Delta, measurement made in water flow through the area.
- Evidence that we have restored a hydrological link to historical flood plain areas, by eliminating the artificial channelization of the waters that not only caused habitat discontinuity but also slowed the flow of water, contributing to the upstream flooding problems. Measurement being made in acres of flat water and miles of streams made accessible to anadromous fish.
- Evidence that we facilitated a seasonal wetland habitat by natural seasonal inundation of the flood plain by high water
- Evidence that we rehabilitated a riparian habitat and lessened the impact of urbanization on the Kirker Creek watershed.
- Determine to what extent the newly created habitat of the wetland is used by the targeted fish species for spawning and rearing. (Species, like the splittail, benefit from freshwater outflow during the spawning season, primarily because the higher flows increase inundation of the flood plains which provide for spawning, rearing and foraging habitat.)¹

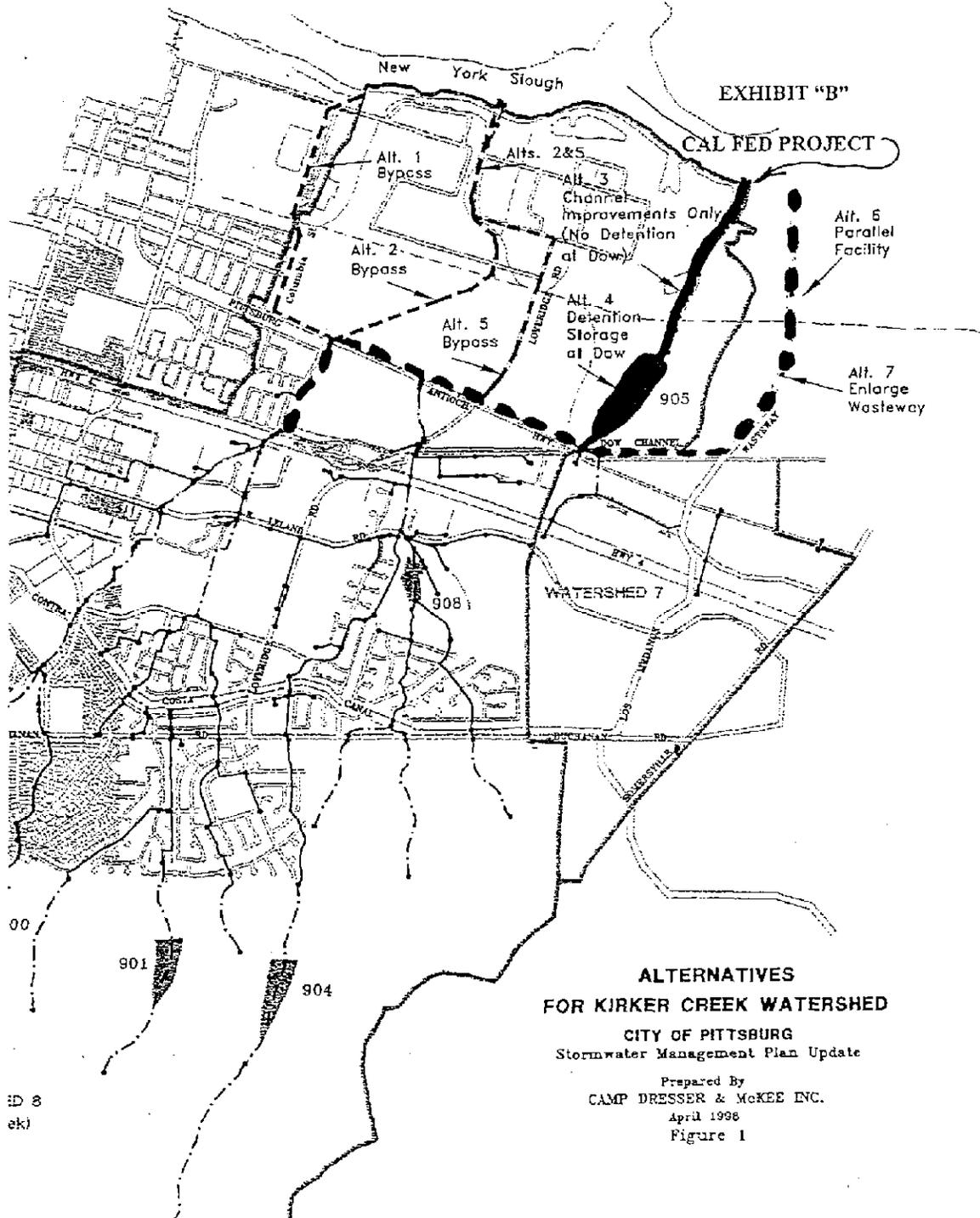
¹ Sommer et al. 1996

- Evaluate the foraging and nesting habitat for waterfowl and other water dependant wildlife species and access what species have come to exist in this wetland.
- Record changes in target fish populations. Monitor the abundance of seasonal species of the marsh, especially the delta smelt, longfin smelt, chinook salmon and splittail.
- Evaluation methods, as designed by the ecological restoration team, will include sampling in the new wetland waters on a monthly basis at numerous sites utilizing trawls or nets.

Splittail abundance in the estuary is positively related to freshwater outflow during the spawning season, late February through May. After the first rains of the fall and winter, adult splittail move into freshwater to forage and spawn. During this period splittail move out of the river channels with the flood water and onto submerged terrestrial areas. It is believed that they forage on drowned worms and insects. Young of the year are common in water less than one meter deep.

The proposal is categorically exempt from CEQA (Acquisition of Lands for Wildlife Conservation Purposes, 15313, Class 13) which consists of the acquisition of lands for fish and wildlife conservation purposes including preservation of fish and wildlife habitat.

Local support for this project includes endorsement from the City of Antioch because of floodplain management benefits and the Aquatic Outreach Institute for ecological benefits.



ED 8
 ek)

V. Costs and Schedule to Implement Proposed Project

a. Budget Costs

Task	Service Contract	City Overhead, Labor & Fees	Direct Cost	Total Cost
Design	\$ 70,000	\$ 10,000	-----	\$ 80,000
Land				
Appraisal	\$ 10,000	\$ 2,500	-----	\$ 12,500
Acquisition	-----	\$ 2,500	\$885,000	\$ 887,500
Environmental Documentation	-----	\$ 10,000	-----	\$ 10,000
Permits (COE and F&G)	-----	\$ 5,000	-----	\$ 5,000
Construction	\$600,000	\$ 20,000	-----	\$ 620,000
Monitoring	\$ 30,000	\$ 5,000	-----	\$ 35,000
TOTAL	\$710,000	\$ 55,000	\$885,000	\$1,650,000

b. Schedule Milestones

<u>Task</u>	<u>Start Date</u>	<u>Completion Date</u>
1) Design	Sep 98	Jan 99
2) Environmental Documentation	Sep 98	Mar 99
3) Property Acquisition	Sep 98	Mar 99
4) Permits (COE and F&G)	Sep 98	Jun 99
5) Construction	Apr 99	Sep 99
6) Monitoring	Sep 99	Until Complete

V (Cont.)

c. Third Party Impacts

The only third party that will be directly impacted by this project is Dow Chemical Company since it is on their property that the detention basin and related facilities are planned. However, at this time it appears Dow has no plans for developing this section of their property and they are willing to cooperate with the construction of this project.

c:\wp61\misc.98\calfed.wg

Section VI. Applicant Qualifications

The lead agency for this project is the City of Pittsburg. The project manager will be Assistant City Engineer Wally Girard, P.E. who has over 20 years experience working on various civil engineering projects including flood plain management projects. The City of Pittsburg will retain Camp, Dresser & McKee as technical consultant for this project (see attached). Additional environmental consultants may be contracted to assist with long-term environmental monitoring.

ROGER G. FRY, P.E.

Associate

Camp Dresser & McKee

Summary

Mr. Fry has extensive experience in water resources, supply, and distribution projects, and drainage and flood control projects. His 30 years of experience include consulting, preparing planning and feasibility studies, computer modeling for hydrologic and hydraulic analyses, designing physical facilities, providing construction management services, performing financial and institutional studies, teaching, and providing expert testimony in court cases and hearings.

Experience

Mr. Fry has been principal-in-charge or project manager for more than 70 planning studies and more than 50 design projects in California, Arizona and Washington. He has participated in or has served as consultant on water resources and/or drainage and flood control projects in these three states and in Colorado, Utah, Wyoming, Nebraska, Texas, Alaska and Florida.

Mr. Fry prepared stormwater management plans for the Cities of Livermore, Gilroy, Pittsburg, Benicia, and Vacaville, California; Chandler and Glendale, Arizona; and Bellevue, Washington. He managed the development of structural flood control alternatives for the Central Arizona Water Control Study and the Urban Runoff and Basin Drainage Study for Metropolitan Seattle. Mr. Fry has performed floodplain analyses for amending and revising several flood insurance studies.

Mr. Fry has managed numerous water supply, transmission, distribution studies for counties, cities, districts, and private developments in California and has prepared water master plans in the Cities of Gilroy, Livermore, Benicia, San Bernardino, Pleasanton, Vallejo, and Scotts Valley. He served as project engineer for three basinwide soil and water conservation projects in Northern California; and basinwide surface and groundwater quality studies involving both agricultural and urban lands in Southern California. He has prepared water resources studies for several Environmental Impact Reports.

Mr. Fry has managed three marsh restoration projects in San Francisco Bay and one in Humboldt Bay. He also conducted erosion control studies and/or designed erosion control facilities for several projects in Contra Costa, Alameda, and Solano Counties.

He has been project manager and/or has designed numerous pump stations, reservoirs, pipelines, groundwater wells, channels and flood control structures, dams and spillways, detention basins, and lakes/ponds.

CDM Camp Dresser & McKee

Mr. Fry has served as consultant and expert witness in water resources, drainage or flood control matters for the State of California; seven counties, four cities, and five water service agencies in California. He has provided expert testimony in water rights hearings in California and Nebraska.

In addition to these responsibilities, Mr. Fry taught Urban and Highway Drainage Systems and Master Planning of Storm Drainage Systems for the University of California Extension, Berkeley, from 1983 to 1992.

Education

B.S., Civil Engineering, University of California, Berkeley
M.S., Civil Engineering, University of California, Berkeley

Registration

Professional Engineer: California, Arizona, Nevada, Washington, Nebraska

Societies

American Society of Civil Engineers
American Public Works Association
American Water Works Association

Awards

Mr. Fry was project manager or principal participant for the following projects receiving engineering excellence or honor awards:

Creekside Park Project, from the American Society of Landscape Architects, 1979

Corte Madera Creek Project, from the Consulting Engineers Association of California, 1978

Urban Runoff and Basin Drainage Study, from the Consulting Engineers Council of Washington, 1976

Upper Santa Ana River Basin Salt Balance Study, from the Consulting Engineers Association of California, 1970

CDM Camp Dresser & McKee

Section VII. Compliance with Standard Terms and Conditions

The terms and conditions are acceptable to the applicant as specified in section 4 of each topic. Form DI-2010 is attached.

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 or use this form for certification and sign. (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 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.

OI-2010
June 1996
(This form replaces OI-1863, OI-1864,
OI-1865, OI-1866 and OI-1867)

~~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)
65 Civic Avenue
Pittsburg, CA 94565-4814

County of Contra Costa

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.

DR-2010
June 1998
OMB Form numbers DR-1953, DR-1954,
DR-1955, DR-1956 and DR-1992

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.

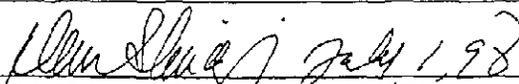
CHECK IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.

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-L11, "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

Nasser Shirazi, Community Development Director/City Engineer

TYPED NAME AND TITLE

DATE

DI-2013
June 1986
(This form replaces DI-1963, DI-1964,
DI-1954, DI-1960 and DI-1963)

Figure 1
Standard Form 424

OMB Approval No. 0348-0043

**APPLICATION FOR
FEDERAL ASSISTANCE**

1. TYPE OF SUBMISSION: Application Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction <input type="checkbox"/> Non-Construction		2. DATE SUBMITTED	Applicant Identifier N/A
		3. DATE RECEIVED BY STATE N/A	State Application Identifier N/A
		4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
		5. APPLICANT INFORMATION	
Legal Name: _____ Organizational Unit: _____ Address (give city, county, state, and zip code): _____ Name and telephone number of person to be contacted on matters involving this application (give area code): _____			
6. EMPLOYER IDENTIFICATION NUMBER (EIN): [] [] - [] [] [] [] [] [] [] []		7. TYPE OF APPLICANT: (enter appropriate letter in box) <input type="checkbox"/>	
8. TYPE OF APPLICATION: <input type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) [] [] 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) _____	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: TITLE: N/A [] [] - [] [] [] []		9. NAME OF FEDERAL AGENCY: _____	
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): _____		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: _____	
13. PROPOSED PROJECT Start Date: _____ Ending Date: _____		14. CONGRESSIONAL DISTRICTS OF: a. Applicant: _____ b. Project: _____	
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$.00	a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: _____ DATE: _____	
b. Applicant	\$.00	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	
c. State	\$.00	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> Yes If "Yes," attach an explanation <input type="checkbox"/> No	
d. Local	\$.00		
e. Other	\$.00		
f. Program Income	\$.00		
g. TOTAL	\$.00		
18. 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.			
a. Type Name of Authorized Representative		b. Title	c. Telephone Number
d. Signature of Authorized Representative		e. Date Signed	

Previous Edition Usable
Applicable for Local Federal Action

Standard Form 424 (REV. 1-82)
Prescribed by GSA GEN. REG. A-117