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Health and Environment

881 Eleventh St., #108
Lakeport, CA 95453
Tel: (707) 262-1405 Fax: (707) 262-1470

July 26, 1997

CALFED Bay-Delta Program Office
1416 Ninth Street, Suite 1155
Sacramento, CA
95814

RE: Request For Proposals-1997 Category III, Ecosystem Restoration Projects and Programs, Group 3: Services

Dear CALFED Representative,

Yesterday our company, Health and Environment, submitted to you 10 copies of the Formal Proposal for **Erosion Control Workshops, Policies, and Actions to Enhance Source Watersheds**. This project was submitted in response to your Request for Proposals, 1997 Category III, Ecosystem Restoration Projects and Programs, "Group 3: Services" category.

In reviewing my copy of this proposal today, I noticed that our company name was missing from the first line at the top of the Non-discrimination Compliance Statement. Our company name did, however, appear at the bottom of that same statement along with all other required information on that page.

I attach herein ten copies of that same page as signed, with our company name included at the top of the form. We would be grateful if you would include these pages with the proposal documents sent yesterday.

We appreciate CALFED's commitment to ecosystem restoration, and look forward to your review of our project proposal.

Sincerely,



Randall W. Thomas, Ph.D.
Health and Environment

Attachment

I-092 Training and Support for Pest Control

I-093 Wetland Restoration Project-City of American Canyon

I-094 American River Study

I-095 Realtime CALFED Operations Group Decision Support

I-096 East Antioch creek Wetland Restoration

I-097 Chinook Salmon Attraction into the Merced River

I-098 Shasta Temperature Control Device

I-099 Impacts of Multiple Stresses on Water Quality

I-100 Granite Watershed Restoration Pilot Project

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NONDISCRIMINATION COMPLIANCE STATEMENT

COMPANY NAME

HEALTH AND ENVIRONMENT

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

OFFICIAL'S NAME

RANDALL W. THOMAS

DATE EXECUTED

JULY 25, 1997

EXECUTED IN THE COUNTY OF

LAKE

PROSPECTIVE CONTRACTOR'S SIGNATURE

Randall W. Thomas

PROSPECTIVE CONTRACTOR'S TITLE

PARTNER

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

HEALTH AND ENVIRONMENT

I. Executive Summary

Erosion Control Workshops, Policies, and Actions to Enhance Source Watersheds
Randall Thomas and Susan Berry, Health and Environment, Lakeport, CA 95453

The objectives of this project are to:

- 1 provide training to County, city, and other land decision makers on practices which will promote reduced erosion, better water quality, and healthier, more resilient watersheds;
- 2 enhance collaborative public-private watershed decision-making to aid in the implementation of these conservation practices.
- 3 recommend and promote the adoption of stronger county-wide watershed restoration and erosion control incentives.

The initial area of application will be in Lake County source watersheds draining to the Sacramento Valley. Upslope and stream bank erosion, and lack of sediment filtration as a result of wetland removal, has resulted in lower water quality in Clear Lake (U.C. Davis) and elsewhere in Lake County. Costs due to lost tourism run at least 7 million dollars per year (Soil Conservation Service), and in the 10s of millions if considering the region's economy as a whole (U.C. Davis).

The existing literature as well as local studies soon to be published strongly suggest that this situation can be reversed through appropriate watershed erosion control and wetland restoration actions. Migratory bird populations, and lake and stream fish populations are expected to benefit from these actions through an increase in suitable in-stream and side-stream habitat, as well as from improved stream and lake water quality. Sacramento Valley water users and wildlife will benefit from better quality water and from improved reliability of base flows during the dry season. Ecotourism and educational activities related to the environment will benefit as well.

Erosion control education and its application is critical to achieving these benefits. Individual and group action is greatly accelerated if the relevance and value of taking those actions is clear, and the "how to" made understandable and achievable. The educational objective will be achieved through:

- development and delivery of a series of workshops and seminars engaging land managers in (1) a review of erosion control and watershed and habitat enhancement actions, (2) exploring benefits of these actions to each individual's situation, and (3) application of a process to cost-effectively define and apply best management practices suited to their specific situations. These workshops will be developed and delivered in consultation with representatives from the RMC, the RCD's and other agencies, and private interests over the 18 month period of this contract. (development months 1 to 10 of the contract, delivery months 5 to 17.)
- development of 5 to 7 sites for demonstration of watershed and habitat restoration and/or erosion control. These sites will be used to illustrate points and techniques emphasized in the workshops; they will also serve to raise awareness of new land management choices among a larger population of public and private land managers and decision makers. (Months 1 to 9.)

Expanded public-private collaboration to promote erosion control and watershed enhancement will result from working with the RMC, RCD's, and other land management interest groups to:

- establish the wide-spread awareness of these techniques and their benefits to the land owners or managers. (Months 3 to 17)
- establish and demonstrate collaborative ways in which erosion control and watershed and habitat enhancement techniques can be implemented. (Months 6 to 18)

- discuss means and ways of re-introducing anadromous fish (Months 6-17)

Incentives for erosion control and other watershed enhancements will be formulated and promoted:

- as one outcome (in the form of recommendations) of collaborative activities with and of the RMC, RCD's, stewardship/planning groups, and others described above. (Months 2 to 18.)
- via discussion and involvement of contractors and other affected groups. (Months 3 to 18.)
- via the political process where required, for example in the case where tax incentives are to be created or tax disincentive removed, or by change in ordinances if required. (Months 9 to 18.)

Development of incentives will be an exercise in creativity, focused on finding mutually beneficial outcomes for land owners and downstream stakeholders.

Budget requirements (\$87,175 total over 18 months) are: \$54,450 for workshop development and delivery, and demonstration site development; \$11,000 to work with the RMC and other groups in awareness raising an strengthening collaborative actions to implement erosion/conservation measures; \$14,225 for awareness raising among contractors and other groups, and for facilitation of policy formulation regarding incentives for erosion control and watershed restoration; and \$7,500 for reporting, including a report of project accomplishments and lessons learned

In addition, it is anticipated that in-kind contributions (primarily staff time, and some erosion control fixtures and equipment) will be contributed by the Lake County Department of Public Works and Community Development, RCD representatives, RMC members, Lake County watershed restoration crews, Coordinated Resource Management Planning and stewardship groups, and private companies and individuals.

This funding request is made to CALFED for several reasons: The majority of Lake County is a source watershed to the Sacramento Valley water system; and educational approaches developed here can improve water quality and timing of flow to Sacramento Valley and Bay-Delta, and can potentially be applied in other counties, both source and down stream.

Health and Environment will provide two primary staff to the project: one with a Ph.D. in wildland resource science having a long history in involvement in water issues in California, and another with a Masters in Environmental Communications and significant training and experience in workshop design, delivery, and group facilitation. It is expected that RCD staff will contribute in a significant way to presentation of material, and that County representatives familiar with erosion control and restoration work will contribute as well to workshops and development of demonstrations sites. Because of the collaborative process, representatives from all groups mentioned in this summary will shape the outcome of this project.

Measures of achievement include: Objective 1: number of attendees completing workshops with satisfactory understanding of material and a plan for applying what they have learned (target 70 people); Objective 2: Collaborative action plans to control erosion and engage in watershed restoration designed (or enhanced) and implemented with the assistance of the RMC, and in two or more watershed planning or stewardship groups; and Objective 3: one or more incentives implemented in at least local regulations or code. Criteria may be refined at project outset.

This project proposal has the support of the County of Lake, the relevant RCD's, and the RMC. It will be coordinated closely with other programs in the county so as to produce the most mutual benefit. This proposal addresses the CALFED habitat types listed earlier, and principally addresses the following CALFED-defined stressors: hydrographic alteration, all categories of channel form changes, most water quality stressors listed; water temperature, competition from introduced plants, all categories of land use stressors, and wildfire.

Title Page

- a. Title of Project: **Erosion Control Workshops, Policies, and Actions to Enhance Source Watersheds**
- b. Name of Applicant: Randall W. Thomas and Susan E. Berry
Organizational Affiliation: Health and Environment
Address: 881 11th St., #108, Lakeport, CA 95453
Phone: 707-1405, Fax: 707-1470
E-mail: vitality@pacific.net
- c. Type of Organization: Private Company, Tax status: Partnership
- d. Tax Identification Number of partnership: 68-0370326
- e. Technical and Financial Contact: Randall W. Thomas
Address, phone, fax, and e-mail as above
- f. Participants/Collaborators in Implementation: Randall Thomas, Susan Berry, private individuals and volunteers, and representatives from: Lake County Department of Public Works (especially the Flood and Lake Management Programs Division), the Lake County Career Center, the Natural Resources Conservation Service, local Resource Conservation Districts, the Lake County Coordinating Resource Management Committee, and local watershed planning and stewardship groups.
- g. RFP Project Group Type: Other Services

III. Project Description

a. Project Description and Approach

The objectives of this project are to:

- 1 provide training to County, city, and other land decision makers on practices which will promote reduced erosion, better water quality, and healthier, more resilient watersheds;
- 2 enhance collaborative public-private watershed decision-making to aid in the implementation of these conservation practices;
- 3 recommend and promote the adoption of stronger county-wide watershed restoration and erosion control incentives.

These objectives will be accomplished by conducting workshops, by development and use of demonstration sites, by facilitation of collaborative actions among key stakeholder groups, and through consultation (section e provides further detail on tasks and approach).

The target participants for Objective 1 workshops will be land/construction/road management decision makers and crew supervisors. Shorter presentations and demonstrations on erosion control and watershed care (and their benefits) will be developed for a wider audience as activities related to Objectives 2 and 3. This wider audience includes the Lake County Coordinating Resource Management Committee, local watershed planning and stewardship groups, and trade associations (e.g., landscaping and road contractors).

Collaborative approaches for implementation of erosion control and watershed restoration or enhancement activities will be demonstrated and facilitated with these groups as part of task work for Objective 2.

Objective 3 will be accomplished as an extension of facilitation work with the stakeholder groups listed above. Incentives to promote use of erosion control and other watershed enhancement techniques will be discussed and developed. Agreement on general principles for incentives and other erosion control policy issues among key groups will expedite beneficial change in local code.

b. Project Location

This project will be conducted in Lake County, a source watershed area for the Sacramento Valley and Bay-Delta system. Significant portions of the source areas for both Cache and Putah Creeks are found within the county. The Cache Creek drainage includes both Clear Lake, California's largest natural lake contained fully within the state, and Indian Valley reservoir. Putah Creek, in the south of the County, feeds Lake Berryessa.

The contractor and collaborators will exchange experiences and knowledge with other counties or regional institutions as this project proceeds. Workshop and facilitation approaches effectively applied in Lake County should be useful, with appropriate adaptation, in other source watershed counties. Such further application could occur in collaboration with other counties in the Bay-Delta framework following completion of this contract.

c. Project Benefits

Overall: The long term impact of this project will be to enhance overall source watershed capacity to absorb and retain water, retain soil and rock mass, release higher quality water, and yield higher base flow. Wildlife and fish populations of importance to CALFED objectives will

benefit from increased habitat, and improved water quality, temperature, and amount. Long-term sustainable productivity of land for human uses should be enhanced. A significant positive economic contribution to Lake County's economy is expected from improved water quality conditions. *More Specifically:* The following CALFED stressors will be addressed:

- hydrographic alteration (by improving surface water absorption and retention capacity)
- all categories of channel form changes (through a range of stream bank and channel bioengineering restoration techniques, including riparian restoration)
- most water quality stressors (via lower contaminant input, lower nutrient input through soil/bank stabilization and riparian enhancement, reduction of unnecessary dredging)
- water temperature (via stream bank shading)
- competition from introduced plants (via selected removal of non-native land species, and cooperative efforts to minimize water weeds)
- all categories of land use stressors (via vegetation management to retain and enhance functional soil properties, erosion control to minimize nutrient and contaminant loading to streams, and road planning decisions favorable to water quality and habitat retention)
- wildfire (via vegetation management to limit fire ladder effects where possible)

CALFED **priority habitats** which will benefit from the activities of this project include:

- Seasonal Wetland and Aquatic (via demonstration of protection benefits and methods);
- Instream Aquatic (via a wide range of bio-engineering work); and
- Shaded Riverine Aquatic (in Lake County, via encouragement of tree and brush stream bank planting for stabilization and fishery enhancement purposes).

In addition, many adjacent forest and rangeland habitats for migratory birds and other wildlife will be enhanced through vegetation management to minimize erosion and assist soil water retention.

Key migratory species of interest to CALFED positively affected by these changes include the following species present in Lake County: Waterfowl including mallards, canvasback (present in significant numbers in high water years when more habitat is available), pintail (low numbers), and snow geese (relatively rare); and a number of summer resident neotropical migratory birds including Wilson's Warbler, Yellow Billed Cuckoo, Yellow Warbler, Yellow-breasted Chat, Blackthroated Gray Warbler, Ashville Warbler, Blackheaded Gross Warbler, Western Tanager, MacGillivray's Warbler, Warbling Vireo, Solitary Vireo, and Bolluck's Oriole.

Clear Lake supports a greatly reduced population of **Clear Lake Splittail**, a relative to the Sacramento. Prior to the construction of the small water level maintenance dam on Cache Creek (3 miles downstream from the outlet of Clear Lake), this area also supported runs of **Steelhead trout**. One aspect of the task work on Objective #2 could be discussion of habitat restoration and the construction of a fish ladder to enable renewed runs of this species (and possibility other anadromous fish) in the upper Cache Creek watershed.

Downstream fish and wildlife should also benefit from improved water quality and flow.

Primary benefits, as a result of the education and group consensus building gained through this project, will be:

- improved water quality in lakes and streams of Lake County, and in water flowing out to the Sacramento Valley and Bay-Delta system (a CALFED non-ecosystem objective);
- potential increase in average water volume in drier months available to Yolo and Napa/Solano counties (related to a CALFED non-ecosystem objective). and some damping of high flows due to greater watershed absorptive capacity;
- improved habitat for migratory neotropical birds and waterfowl of interest to CALFED;

- improved water quality having a significant, positive economic impact on the Lake County region, related attractiveness of water for tourism and residents (potentially a minimum of 7 million dollars annually based on a Soil Conservation Service Study (1994);
- improved watershed capacity to sustainably support various public and private agricultural, forest, rangeland, recreation, and wildlife uses; and
- native fish populations will benefit from improved habitat features including improved water quality and clarity, streambed condition, water temperature, and riparian/bank cover.

This project supports and draws from ongoing and proposed projects to restore and enhance water quality in the Lake County. It would respond to the concerns of RCRC members of BDAC related to representation of source watershed interests in the CALFED process. It will also provide an effective model of public/private collaboration in watershed decision-making, which could fuel similar efforts in other counties.

d. Background and Biological/Technical Justification

Encompassing a number of sub-basins draining to the Sacramento Valley, Lake County is a rural area with a local economy relying heavily upon its land and water resources. How these resources are managed directly affects both the amount and quality of water available to downstream agricultural and urban users of concern in the Bay-Delta process.

Typical of similar upland areas in the state, run-off of eroded soil has accelerated significantly over the last century. In Lake County, this increase has resulted from a number of factors, notably narrowly focused land management, marsh conversion, and a more soil-disruptive style of earth moving associated with the introduction of large, powered equipment for road and other construction in the 1920's. Degradation of the resource base has been most visible in Clear Lake itself, as nutrients released from sediment have increased blooms of nuisance blue-green algae. Habitat for waterfowl has also declined markedly, an example being an 84 percent reduction in wetland around Clear Lake (U.C. Davis, 1994). Although less visible, decline in water quality and modification of discharge rates are of significance to downstream users.

Efforts to clean up Clear Lake have catalyzed community action in Lake County, laying the foundation for improved watershed decision-making and erosion control. In 1990, the Clear Lake Basin Resource Management Committee (the RMC) was formed with fifty public and agency members. In the same year, the RMC won an EPA Clean Lakes Grant for the Lake County Flood Control and Water Conservation District (LCFCD) to investigate and recommend action on the blue-green algae problems.

Together with the LCFCD, U.C. Davis produced The Clean Lakes Study (Richerson et al 1994), indicating that nutrient loads and algae blooms were caused in large part by phosphate and iron originating from the soil of surrounding watersheds. An economic analysis released concurrently by the USDA-Soil Conservation Service rated Lake County's annual loss in tourist revenue due to poor water quality in Clear Lake at over \$7 million. The work of Richerson et al (1994) showed that significant water quality improvements could be achieved particularly through marshland restoration, and through Best Management Practices applied to stream channel restoration, road cut and fills, and other sources of erosion.

Studies soon to be published are providing further evidence that declines in water quality can be reversed through appropriate conservation actions. Phosphate reductions of 40 percent are possible as a result of marsh restoration in a Clear Lake project now under investigation by the US Army Corps of Engineers. In addition, reductions of stream bank eroded mass by more than 70 percent are possible with simple and cost-effective restoration procedures (demonstrated during the County's recent study of Scott Creek watershed).

Based on the recommendations of the Clean Lakes Study, the LCFCD prepared The 1994 Community Implementation Plan listing 11 actions to be implemented over 11 years, which was unanimously endorsed by the Lake County Board of Supervisors. This Implementation Plan called for a number of public/private cooperative actions to develop, demonstrate, encourage, and monitor watershed-based solutions to erosion and nutrient loading in the Clear Lake Basin. These actions include:

- protection and rehabilitation of stream channels and minimization of non-point source sediment yields through the use of Best Management Practices (BMPs), cooperative landowner watershed projects, a public information program, demonstration and restoration projects, watershed inventories, master plans of drainage, and a review of creek maintenance practices;
- protection and rehabilitation of wetlands for nutrient filtering capability, which would also benefit waterfowl and other birds;
- erosion reduction from roads following review of road maintenance and construction practices with landowners and agencies (particularly the Lake County Department of Public Works, Caltrans, Bureau of Land Management, and US Forest Service);
- control of miscellaneous earth moving and recommendations to improve the County's grading ordinance following BMP consistency review; and
- erosion control following wildfires.

Progress and Barriers Related To Watershed Care and Erosion Control

Since adoption of the Implementation Plan, the RMC has continued to strengthen its role as a forum and coordinating body for resource management issues in the Clear Lake Basin. One notable achievement has been the adoption of regulations for protection of wetlands (which filter out sediment and related nutrients) as part of Lake County's zoning ordinances. In addition, several sub-basin resource management or stewardship groups have been set up to promote coordinated action taking, addressing watershed erosion, stream-bank and road stabilization, water quality and yield improvements, and other watershed enhancement issues.

As yet, action on erosion control measures in the county's grading ordinance has not yet come to fruition. Supervisor Karan Mackey, Chair of the RMC, has stated her interest in pursuing this issue both to improve water quality and to strengthen collaborative watershed decision-making among the public and private land interest groups represented on the committee.

Field management of erosion and action on stream bank and riparian restoration projects has accelerated since the establishment of an Ecosystem Management Technician Program (EMTP) in 1995 under the auspices of the Lake County Career Center. The EMTP crew has provided service to both public and private land managers, most recently assisting erosion control projects following this past year's 83,000 acre Forks Fire primarily located in the Cache Creek drainage.

The EMTP crew is still available to assist and demonstrate watershed and habitat restoration and erosion control. Such projects are difficult to establish, however, due to lack of funds or to lack of land owner knowledge of and motivation to use appropriate stream/habitat restoration and land management techniques. The proposed project will address education/motivation issues directly.

To strengthen the case for further action, the Flood and Lake Management Programs Division of the Public Works Department is continuing work on watershed and water quality assessments for Clear Lake and its tributary streams. The Division is also compiling information on "Best Management Practices" for erosion control and watershed care. This information will be available

for use in the project proposed here. Its value will be especially useful in the context of encouraging a "process approach" to watershed management, recognizing site-specific requirements, land owner objectives, and the needs of other stakeholders, including downstream water users and those seeking to restore or expand habitat and wildlife populations.

e. Proposed Scope of Work

Conservation action is greatly accelerated if the relevance and value of taking action is clear, and the "how to" made understandable and achievable. Objective #1 will achieve this outcome by:

- **Task 1.1** Development of a series of workshops engaging land managers in (1) a review of erosion control and watershed and habitat enhancement actions, (2) exploring benefits of these actions to each individual's situation, and (3) application of a process to cost-effectively define and apply best management practices suited to their specific situations. These workshops will be developed and delivered in consultation with representatives from the RMC, the RCD's, other agencies, and private interests over the 18-month period of this contract. Applications will address preventative and restorative land management and mitigation measures associated with (a) stream and associated habitat restoration, (b) road construction, maintenance, and decommissioning, (c) excavation for building or other purposes, (d) upslope vegetation management for a variety of land uses, (f) wildfires and landslides, (g) wetlands enhancement, and (h) agricultural practices. (Workshop Development during months 1 to 7 of the contract). Shorter seminars will also be prepared for delivery to the RMC, watershed planning and stewardship groups, and others. (Seminar Development during months 4-10.)
- **Task 1.2** Selection and development of 5 to 7 sites for demonstration of watershed and stream restoration (including aquatic and riparian habitat benefits) and/or erosion control (both adjacent to streams and away from streams). Sites will be used to illustrate key points and techniques in the workshops described above; they will also serve to raise awareness of new land management choices among a larger population of public and private land managers and decision makers. A number of these sites will be those developed during earlier projects conducted by the LCFLM and the Career Center EMTP team. (Site Selection/Development during months 1 to 9.)
- **Task 1.3** Workshop and seminar promotion, participant recruitment (in cooperation with stakeholders), and program delivery. (Workshop/seminar delivery during months 5 to 17.)

Objective #2 will expand public-private collaboration (with the RMC, RCD's, and other land management stakeholders) to promote erosion control and enhance watersheds.

- **Task 2.1** Promote the wide-spread awareness of erosion control, watershed and habitat enhancement techniques and their benefits at local meetings of natural resource management groups and organizations. (Month 3 to 17.)
- **Task 2.2** Demonstrate and encourage collaborative implementation of erosion control and watershed and habitat enhancement. (Month 6 to 18)
- **Task 2.3** Discuss and document the desirability of and ways and means for restoring anadromous fish populations (Month 6 to 17)

Objective #3 will identify incentives for erosion control and other watershed enhancements, including habitat restoration. Development of incentives will focus on finding mutually beneficial outcomes for land owners and downstream stake holders. Methods for implementing these incentives will also be discussed and agreed upon to the extent possible, and their actual implementation pursued. These outcomes will be accomplished:

- **Task 3.1** As recommendations derived from collaborative activities with and of the RMC, RCD's, stewardship/planning groups, and others described above. (Months 2 to 18.)
- **Task 3.2** Through discussion with contractors and other affected groups. (Months 3 to 18.)
- **Task 3.3** Through the political process where required (for example where tax incentives are to be created or tax disincentive removed), or by change in ordinances. (Months 9 to 18.)

Reports covering progress and accomplishments on each task will be prepared at the end of months 6 and 12 of the project. A final report presenting the project's objectives, background, approach, and outcomes by task, together with recommendations for further actions where appropriate will be published by the end of the 18 month of the project.

Expenses by category summaries will be also be made available at 6 month intervals, unless desired in special cases more often. Billing to the State will be on a monthly basis.

f. Monitoring and Data Evaluation

Measures of project achievement include: Objective #1: Number of attendees completing workshops with satisfactory understanding of material and a plan for application (target 70 people); Objective #2: Collaborative action plans to control erosion and engage in watershed restoration designed (or enhanced) and implemented with the assistance of the RMC, and in two or more watershed planning or stewardship groups; and Objective #3: One or more incentives implemented in at least local regulations or code. Criteria may be refined at project outset.

Procedures for monitoring and quantifying progress toward erosion control and watershed/habitat restoration goals will be provided to the workshop participants. These procedures, which will combine field practicality with accepted standards, will be developed and reviewed in association with the RCD's, representatives from the University of California, and interested natural resource management groups. Further evolution and dissemination of these procedures will be a topic of group discussion in working with the RMC and other planning/stewardship groups in work on Objective #2, and in work associated with Objective #3.

g. Implementability

Implementation success will depend upon recruiting participants for the workshops. This will be accomplished in partnership with the County administrators and with leaders of the RMC and various planning and stewardship groups in the County. Members of this project team are presently participating with these groups. It is anticipated that five principal groups will be represented in the workshops: (1) County and city program decision makers whose actions have strong bearing on activities/consequences on watersheds, in streams, and in lakes; (2) road and construction crew chiefs; (3) interested land owners who can serve as models for others; (4) land or estate managers; and (5) contractors and landscape specialists. Existing relationships will also be the base for developing strong support and involvement among the various groups mentioned in tasks associated with Objectives #2 and #3.

Implementation will also require effective planning and permit compliance. Planning and permit compliance will occur as necessary for development of the demonstration sites used in the project. Workshop participants will learn permit requirements and procedures for watershed, stream, erosion control, and habitat work. Planning requirements and procedures will also be addressed.

IV. Costs and Schedule to Implement Proposed Project

a. Budget Costs

The direct and indirect costs of this project to CALFED are given in the tables below. These are broken out by task and by organization. Estimated contributions in-kind are also given in dollars or hours contributed by experienced resource professionals. Contributions in-kind are in almost all cases from non-State funds, that is either from county budgets, federal budgets (sometimes funneled through state, e.g. Job Training Program Act funds through the Lake County Career Center), or volunteered from companies or individuals.

This funding request is made to CALFED because the majority of Lake County is a source watershed to the Sacramento Valley water system; watershed and habitat improvement as a consequence of this program will benefit species of interest to CALFED; and educational approaches developed here can improve water quality and timing of flow to Sacramento Valley and Bay-Delta, and can potentially be applied in other counties, both source and down stream.

No O&M contingency requirements are foreseen at this time. Service contracts will be let to the organizations described herein as part of a unique community collaboration

Key to the tables below: H&E (Health and Environment), LC (Lake County departments, primarily the Flood and Lake Management Programs Division, CC/EB (Lake County Career Center, Mr. Earl Brown's participation), CC/O (Lake County Career Center, other staff including Ecotechnicians), NRCS (Natural Resources Conservation Service), RCDs (Resource Conservation Districts), RMC (Lake County Coordinating Resource Management Committee), WSGs (local watershed planning and stewardship groups), and "*" means availability of in-kind contributed hours depends upon the timing of execution of this contract.

Project Task	Organization	Direct Labor Hours	Direct Salary & Benefits	Indirect Labor Overhead	Service Contracts	Misc. & other Direct Costs	Estimated Contributions in-kind	Total Cost to CALFED
Task 1.1 develop workshop curriculum	H & E LC CC/EB CC/O NRCS RCDs WSGs	200	\$8000	\$5000		\$3000	\$1000+ 20hrs 120 hrs* 80 hrs* 120 hrs 100 hrs 100 hrs	\$21500
Task 1.2 develop demon- stration sites	H & E LC CC/EB CC/O NRCS RCDs WSGs	60	\$2400	\$1500		\$1000	\$6000 60 hrs* 200 hrs* 40 hours 60 hours 80 hours	\$10900

Task 1.3 recruit participant & deliver workshops	H & E LC CC/EB CC/O NRCS RCDs WSGs	170	\$6800	\$4250	\$5000 \$4000	\$2000	20 hrs 90 hrs* 300 hrs* 90 hrs 90 hrs	\$22050
Subtotals		420	\$17200	\$10750	\$20500	\$6000	\$7000 + 1570 hr	\$54,450

Project Task	Organization	Direct Labor Hours	Direct Salary & Benefits	Indirect Labor Overhead	Service Contracts	Misc. & other Direct Costs	Estimated Contributions in-kind	Total Cost to CALFED
Task 2.1 promote wide- spread awareness of techniques	H & E LC CC/EB CC/O NRCS RCDs WSGs	50	\$2000	\$1250	\$1000	\$2000	45 hrs 40 hrs* 80 hrs* 40 hrs 50 hrs 50 hrs	\$6250
Task 2.2 demon- strate \$ promote collabora- tion to implement	H & E LC CC/EB CC/O NRCS RCDs WSGs	40	\$1600	\$1400	\$1000	\$750	20 hrs 45 hrs 40 hrs* 60 hrs* 30 hrs 50 hrs 50 hrs	\$4750
Task 2.3 discuss ways & means for reintro- ducing anadromo us fish	H & E LC CC/EB CC/O NRCS RCDs WSGs	30					30 hrs \$1200 40 hrs* 50 hrs	\$0
Subtotals		120	\$3600	\$2650	\$2000	\$2750	\$1200 + 720 hr	\$11,000
Task 3.1 collab. on specific- ation of incentives w/ groups in Task 2.2	H & E LC CC/EB CC/O NRCS RCDs WSGs	80	\$3200	\$2000	\$1000	\$1000	\$2800 60 hrs* 60 hrs* 20 hrs 30 hrs 30 hrs	\$7200

Task 3.2 solicit ideas for incentives from contractor & other groups	H & E LC CC/EB CC/O NRCS RCDs WSGs	25	\$1000	\$625	\$400	\$250	\$1400 25 hrs*	25 hrs 30 hrs 50 hrs	\$2275
Task 3.3 facilitating incentive proposals in the govern- mental process	H & E LC CC/EB CC/O NRCS RCDs WSGs	50	\$2000	\$1250	\$750	\$750	\$1600	50 hrs	\$4750
Subtotals		155	\$6200	\$3875	\$2150	\$2000	\$5800 + 380 hrs		\$14,225
Reporting	H&E	100	\$4000	\$2500		\$1000			\$7,500
Totals		795	\$31,000	\$19,775	\$24,650	11750	\$14,000 + 2670 hrs		\$87,175

b. Schedule Milestones

Start/Finish on tasks was provided in the description of tasks given in Section III. e. Months are number consecutively in that section depending upon the start date of the contract. No large decision points exist in this project, aside from the many on-going strategic decisions made in selecting and forming material for the workshop curriculum, developing the demonstration sites, choosing groups and sites for presentations, and making choices on which incentives to pursue through voluntary and governmental means. No major factors are seen which would affect the general timing of the project flow as described here.

c. Third Party Impacts

This project has strong support because of its positive contribution to the communities affected, and focus on ecosystem health. It will positively enhance federal, state, and local efforts currently underway to improve watershed condition, including those described in section III.d.

IV. Applicant Qualifications

a. Overall Organization of Staff

Health and Environment (H&E) will provide the coordination and overall leadership and management for the project. Workshop development and delivery (Objective #1 tasks) will be performed in a collaborative manner by a core team of H&E, the Lake County Career Center, the County Flood and Lake Management Programs Division, the National Resources Conservation Service, and the two local Resource Conservation Districts. This work will be performed in consultation with representatives from the Lake County Coordinating Resource Management Committee (RMC) and local watershed planning and stewardship groups.

The same team, again coordinated by H&E, will organize the specific approach and timing of specific events to be used in tasks associated with Objectives #2 and #3. This work will require especially close coordination with the RMC and local watershed groups. Coordination with government transport organizations (County and city public works road departments) and local contractor associations.

Meeting schedules will be arranged appropriate to the stage of activity in each task. H&E will be responsible for administrative functions, and for preparing technical reports and financial expense summaries.

b. Health and Environment (H&E)

This company was founded in 1987 to provide consultation in natural resource survey design, training, and program development. The goal was usually to develop, with clients, systems and people capable of providing information for land husbandry and environmental protection. Services grew to include promotion of wellness and productivity in the home and in the work place.

Some of the company's clients include the United Nations Food and Agriculture Organization (project design, training development and delivery for natural resource assessment), the Kampsax (Denmark) for the Danish Aid Agency (country-wide soil rehabilitation projects and environmental monitoring systems), the European Community (integrated plans for scientific monitoring and resource management systems over Europe and Asia), the World Health Organization (teamwork and supervisor skills development workshops), the International Space University (instruction for team skills development and multidisciplinary approaches for desertification monitoring and links with organizations to combat desertification), and here locally in Lake County on several projects including a US Forest Service Grant to the Lake County Career Center to evaluate and make recommendations for the current Ecotechnician Training Program (principal application: watershed restoration) and development of a Best Management Practice process for reducing erosion and improving watershed husbandry.

Background of the Health and Environment Principles who will be working on this Project

Susan Berry earned B.A. and M.A. degrees from the Universities of Michigan and Wisconsin, respectively. Since gaining her masters degree in Environmental Communication (1975), Ms. Berry has added substantial training and experience in human resource and productivity skills development, and health promotion during her years in various academic, private, and public service positions in the U.S. and abroad. Ms. Berry served for several years as the Training Officer for the U.N. World Health Organization's European Region. She is a certified meeting management facilitator, with many years experience in the development and delivery of seminars and workshops.

Randall Thomas holds a Ph.D. from the University of California at Berkeley in Wildland Resource Science. He worked as a scientist at U.C. Berkeley for 16 years on natural resource information problems for NASA, the State of California, the USDA, the Bureau of Land Management, and others, and abroad for 10 years as a consultant to the United Nations, public organizations, universities, and the private sector. While at U.C. Berkeley, Dr. Thomas was the project manager or principal scientist on a number of water- or habitat-related projects from 1974 to 1985. These included development of erosion mapping techniques in the northern California coast region, water yield estimation in the Feather River watershed combining conventional ground measurements with new technologies (e.g., use of space and aerial imagery, computer-aided mapping and spatial modeling), development of procedures for rapidly estimating irrigated agricultural acreage throughout California, and wildland habitat mapping over large areas. He held appointment as a Principal Investigator and Senior Fellow at U.C. Berkeley from 1985 to 1988.

Dr. Thomas and Ms. Berry will serve as Project Manager and Co-Project manager, respectively, for this project. They will play a major role in the design and delivery of workshops and seminars, and will facilitate meetings associated with Objectives #2 and #3.

c. Lake County Flood and Lake Management Programs Division (LCFLM)

The LCFLM is the principal county agency involved with watershed and erosion issues. For many years it has had the lead in providing the administrative home to a wide range of watershed projects (including the Clean Lakes study with U.C. Davis) and to the RMC. This Division has recently published a manual for use by land owners in application of Best Management Practices for erosion control. In addition, it is the County agency responsible for enforcing watershed-related ordinances, and for the management of Clear Lake.

The Deputy Director of the Public Works for Water Resources will participate in collaborative action and discussion tasks (Objs. 2 & 3). The LCFLM Water Resources Program manager will participate in workshop development, and in delivery and in the public awareness raising/collaboration tasks in Objectives #2 and #3. Representatives from other County Departments (e.g. Planning) are also expected to participate.

d. Lake County Career Center (CC)

The CC is home to the Lake County Ecosystem Management Training Program (or "Ecotech Program") part of the Jobs in the Woods activities relating to the President's Northwest Forest Plan. The Ecotech Program has gained great respect in Lake County for its effectiveness in assisting both private land owners and public land management agencies in conducting a wide range of watershed restoration projects. These have included, for example, stream channel rehabilitation and fish habitat restoration, road and culvert stabilization, redesign and repair, upslope erosion control, native plant re-establishment, stream-wetland protective fencing, and revegetation projects among others.

The instructor and supervisor for this program is Mr. Earl Brown. Mr. Brown will be one of the principal workshop/demonstration site developers and instructors in this project. Mr. Brown has over 20 years of experience in hillside farm development and production agriculture, and has close working relationships with Mendocino and Lake County RCD's and the Natural Resources Conservation Service on problems relating to water and soil conservation practices. He has been the Ecotech Program Coordinator in Lake County since 1994. In these duties he co-developed a 200 hour class room curriculum and a program of over 1000 hours of on-the-job training for ecosystem restoration. Mr. Brown is currently a member of the Board of Directors, and Vice President, of the Salmonid Restoration Federation of Arcata.

Also making an important contribution to the development of the demonstration sites and to the delivery of the curriculum will be the experienced CC Ecotech Program trainees themselves. They will provide much of the direct in-the-field demonstration of erosion control and watershed rehabilitation techniques, as well as contributing their experiences during delivery of the curriculum.

e. Natural Resources Conservation Service (NRCS)

Formerly called the USDA Soil Conservation Service, the NRCS is the principal federal agency directly dealing with private land owners (an important property ownership segment in Lake County) on issues of conservation and soil erosion prevention.

Mr. Len Kashuba, the principal NRCS representative for Lake County, will be playing an important part in the development and delivery of the workshops for this project. Mr. Kashuba has over of 20 years of experience in conservation, watershed care, and erosion control, to supplement his college training. In his contribution throughout, he will bring special experience to the team in agricultural conservation practices. Mr. Kashuba will also contribute through his many existing relationships with Lake County land owners.

f. Resource Conservation Districts (RCD's)

RCDs work with the NRCS and others to provide a community-based team to spread the message of the value associated with land and water conservation practices, and associated techniques. Representatives from the two county RCDs (East Lake - confirmed, and West Lake - pending confirmation) will contribute to the development and delivery of this projects workshop curriculum. In particular, Mr. Frank Meisenbach from the East Lake RCD will be contributing through his long experience with communities in the County.

g. The Lake County Coordinating Resource Management Committee (RMC) and local watershed planning and stewardship groups

A key to the effectiveness of this project will be the contribution of the RMC and local watershed groups. The RMC plays a major role in providing a meeting place for ideas and different natural resource interests in the county. This is the principal location where issues are debated among owners and managers in the natural resource community, and where consensus is built for voluntary or more formal actions involving government. Its membership is quite broad, including government agency representatives, elected officials, land owners and managers, and the others from the general public.

The Chair of the RMC, Ms. Karan Mackey, is also a long time County Supervisor. Ms. Mackey strongly supports this project. The project team will work in a well-coordinated way with Ms. Mackey and other members of the RMC on all project tasks.

Subcounty watershed planning and stewardship groups will also be very important to the achievement of this project goals. This is the level at which local land owners and agencies must coordinate among themselves on the same watersheds in order to achieve the full benefits of conservation for each member. The project core team will coordinate with the leaders of these groups in a similar fashion to the RMC. This is the actual level of implementation, and many of the recommended erosion control and watershed/habitat rehabilitation efforts will be shaped by coordination here.

V. Compliance with standard terms and conditions

Health and Environment is a small business partnership. Please find attached the three required documents for this situation. The terms and conditions as given their are agreeable to Health and Environment.

**STANDARD CLAUSES -
SERVICE & CONSULTANT SERVICE CONTRACTS FOR \$5,000 & OVER WITH NONPUBLIC ENTITIES**

Workers' Compensation Clause. Contractor affirms that it is aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and Contractor affirms that it will comply with such provisions before commencing the performance of the work under this contract.

Claims Dispute Clause. Any claim that Contractor may have regarding the performance of this agreement including, but not limited to, claims for additional compensation or extension of time, shall be submitted to the Executive Director, CALFED Bay-Delta Program, or its designee within thirty days of its accrual. State and Contractor shall then attempt to negotiate a resolution of such claim and process an amendment to this agreement to implement the terms of any such resolution.

National Labor Relations Board Clause. In accordance with Public Contract Code Section 10296, Contractor declares under penalty of perjury that no more than one final, unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two-year period because of Contractor's failure to comply with an order of a federal court which orders Contractor to comply with an order of the national Labor Relations Board. (NLRB)

Nondiscrimination Clause. During the performance of this contract, the recipient, Contractor and its subcontractors shall not deny the contract's benefits to any person on the basis of religion, color, ethnic group identification, sex, age, physical or mental disability, nor shall they discriminate unlawfully against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical handicap, mental disability, medical condition, marital status, age (over 40), or sex. Contractor shall insure that the evaluation and treatment of employees and applicants for employment are free of such discrimination. Contractor shall comply with the provisions of the Fair Employment and Housing Act (Government Code Section 12900 et seq.), the regulations promulgated thereunder (California Administrative Code, Title 2, Sections 7285.0 et seq.), the provisions of Article 9.5, Chapter 1, Part 1, Division 3, Title 2 of the Government Code (Government Code Sections 11135 - 11139.5), and the regulations or standards adopted by the awarding State agency to implement such article. Contractor or recipient shall permit access by representatives of the Department of Fair Employment and Housing and the awarding State agency upon reasonable notice at any time during the normal business hours, but in no case less than 24 hours' notice, to such of its books, records, accounts, other sources of information and its facilities as said Department or Agency shall require to ascertain compliance with this clause. Recipient, Contractor and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement. The Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the contract.

Statement of Compliance. The Contractor's signature affixed hereon and dated shall constitute a certification under penalty of perjury under the laws of the State of California that the Contractor has, unless exempted, complied with the nondiscrimination program requirements of Government Code Section 12990 and Title 2, California Code of Regulations, Section 8103.

Performance Evaluation. For consulting service agreements, Contractor's performance under this contract will be evaluated after completion. A negative evaluation will be filed with the Department of General Services.

Availability of Funds. Work to be performed under this contract is subject to availability of funds. Category III

Audit Clause. For contracts in excess of \$10,000, the contracting parties shall be subject to the examination and audit of the State Auditor for a period of three years after final payment under the contract. (Government Code Section 8546.7)

Payment Retention Clause. Ten percent of any progress payments that may be provided for under this contract shall be withheld per Public Contract Code Sections 10346 and 10379 pending satisfactory completion of all services under the contract.

Reimbursement Clause. If applicable, travel and per diem expenses to be reimbursed under this contract shall be at the same rates the State provides for unrepresented employees in accordance with the provisions of Title 2, Chapter 3, of the California Code of Regulations. Contractor's designated headquarters for the purpose of computing such expenses shall be _____.

Termination Clause. The State may terminate this contract without cause upon 30 days' advance written notice. The Contractor shall be reimbursed for all reasonable expenses incurred up to the date of termination.

Minority/Women/Disabled Veteran Business Enterprise Participation Requirement Audit Clause. Contractor or vendor agrees that the awarding department or its delegates will have the right to review, obtain, and copy all records pertaining to performance of the contract. Contractor or vendor agrees to provide the awarding department or its delegate access to its premises, upon reasonable notice, during normal business hours for the purpose of interviewing employees and inspecting and copying such books, records, accounts, and other material that may be relevant to a matter under investigation for

Contractor or vendor further agrees to maintain such records for a period of three (3) years after final payment under the contract. Title 2 CCR Section 1806.75

Priority Hiring Considerations. For contracts in excess of \$200,000, the Contractor shall give priority consideration in filling vacancies in positions funded by the contract to qualified recipients of aid under Welfare and Institutions Code Section 11200. (Public Contract Code Section 10353) record keeping purpose

Drug-Free Workplace Certification. By signing this contract, the Contractor or grantee hereby certifies under penalty of perjury under the laws of the State of California that the Contractor or grantee will comply with the requirements of the Drug-Free Workplace Act of 1990 (Government Code Section 8330 et seq.) and will provide a drug-free workplace by taking the following actions:

1. Publish a statement notifying employees that unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited and specifying actions to be taken against employees for violations.
2. Establish a Drug-Free Awareness Program to inform employees about all of the following:
 - (a) The dangers of drug abuse in the workplace,
 - (b) The person's or organization's policy of maintaining a drug-free workplace,
 - (c) Any available counseling, rehabilitation and employee assistance programs, and
 - (d) Penalties that may be imposed upon employees for drug abuse violations.
3. Every employee who works on the proposed contract or grant:
 - (a) Will receive a copy of the company's drug-free policy statement, and
 - (b) Will agree to abide by terms of the company's statement as a condition of employment on the contract or grant.

This contract or grant may be subject to suspension of payments or termination, or both, and the Contractor or grantee may be subject to debarment if the department determines that: (1) the Contractor or grantee has made a false certification, or (2) the Contractor or grantee violates the certification by failing to carry out the requirements noted above.

Antitrust Claims. In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 commencing with Section 16700) Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder. See Government Code Section 4532.

If an awarding body or public purchasing body received, either through judgment or settlement, a monetary recovery for a cause of action assigned under this chapter, the assignor shall be entitled to receive reimbursement for actual legal costs incurred and may, upon demand, recover from the public body any portion of the recovery, including treble damages, attributable to overcharges that were paid by the assignor but were not paid by the public body as part of the bid price, less the expenses incurred in obtaining that portion of the recovery. See Government Code Section 4553.

Upon demand in writing by the assignor, the assignee shall, within one year from such demand, reassign the cause of action assigned under this part if the assignor has been or may have been injured by the violation of law for which the cause of action arose and (a) the assignee has not been injured thereby, or (b) the assignee declines to file a court action for the cause of action. See Government Code Section 4554.

Americans With Disabilities Act. By signing this contract, Contractor assures the state that it complies with the Americans With Disabilities Act (ADA) of 1990, (42 U.S.C. 12101 et seq.), which prohibits discrimination on the basis of disability, as well as all applicable regulations and guidelines issued pursuant to the ADA.

Corporate Qualifications To Do Business in California. Contractor must be currently qualified to do business in California as defined by the Revenue & Taxation Code, Section 23101, unless exempted. Both domestic and foreign corporations (those incorporated outside of California) must be in good standing in order to be qualified to do business in California.

Conflict of Interest. Current State Employees: a) No State officer or employee shall engage in any employment, activity or enterprise from which the officer or employee receives compensation or has a financial interest and which is sponsored or funded by any State agency, unless the employment, activity or enterprise is required as a condition of regular State employment. b) No State officer or employee shall contract on his or her own behalf as an independent contractor with any State agency to provide goods or services.

Former State Employees: a) For the two-year period from the date he or she left State employment, no former State officer or employee may enter into a contract in which he or she engaged in any of the negotiations, transactions, planning, arrangements or any part of the decision-making process relevant to the contract while employed in any capacity by any State agency. b) For the twelve-month period from the date he or she left State employment, no former State officer or employee may enter into a contract with any State agency if he or she was employed by that State agency in a policy-making position in the same general subject area as the proposed contract within the twelve-month period prior to his or her leaving State service.

NONDISCRIMINATION COMPLIANCE STATEMENT

COMPANY NAME

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California

OFFICIAL'S NAME

RANDALL W. THOMAS

DATE EXECUTED

JULY 25, 1997

EXECUTED IN THE COUNTY OF

LAKE

PROSPECTIVE CONTRACTOR'S SIGNATURE

Randall W. Thomas

PROSPECTIVE CONTRACTOR'S TITLE

PARTNER

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

HEALTH AND ENVIRONMENT

Agreement No. _____

Exhibit _____

**STANDARD CLAUSES -
SMALL BUSINESS PREFERENCE AND CONTRACTOR IDENTIFICATION NUMBER****NOTICE TO ALL BIDDERS:**

Section 14835, et. seq. of the California Government Code requires that a five percent preference be given to bidders who qualify as a small business. The rules and regulations of this law, including the definition of a small business for the delivery of service, are contained in Title 2, California Code of Regulations, Section 1896, et. seq. A copy of the regulations is available upon request. Questions regarding the preference approval process should be directed to the Office of Small and Minority Business at (916) 322-5060. To claim the small business preference, you must submit a copy of your certification approval letter with your bid.

Are you claiming preference as a small business?

Yes* No

*Attach a copy of your certification approval letter.

DEPARTMENT OF GENERAL SERVICES

Office of Small and Minority Business
1531 I Street, Second Floor
Sacramento, CA 95814-2016



SB APP 19970400

April 9, 1997

REF# 0015808
HEALTH AND ENVIRONMENT
881 ELEVENTH ST #108
LAKEPORT CA 95453-4121

Dear Business Person:

The Office of Small and Minority Business (OSMB) congratulates your firm on becoming a certified small business. This formal certification entitles you to a five percent bidding preference on state government contracts according to the Small Business Procurement and Contract Act.

Your small business certification applies ONLY to the following industry groups(s) within the designated business type(s):

Business Type	Roman Numeral	Industry Group Name	Certification Effective
SERVICE	i	Agricultural and Research Services	03/11/1997
SERVICE	ii	Computer, Data Processing and Software Services	03/11/1997
SERVICE	v	Consulting, Management and Public Relations	03/11/1997
SERVICE	vi	Forestry Services	03/11/1997
SERVICE	xiii	Transport and Travel Agents	03/11/1997
SERVICE	xixc	Health Care Practitioners (NEC)	03/11/1997
SERVICE	xixf	Job Training and Vocational Rehabilitation Centers	03/11/1997
SERVICE	xixh	Residential Care Facilities	03/11/1997
SERVICE	xixi	Social Services	03/11/1997
SERVICE	xxii	Amusement and Recreation Services	03/11/1997

Your firm's small business certification expires 02/28/1999.

Annual Submission Requirement

To maintain your small business certification status, gross receipts for your firm and any affiliate(s) must be submitted at the end of each fiscal year. Proof of annual receipts may be submitted in the form of either:

1. An audited financial statement, or

2. A copy of the **ENTIRE SIGNED** Federal tax return(s) (FTRs) as filed with the Internal Revenue Service (IRS).
3. If the FTR for the most recently completed tax year has not yet been filed with the IRS, submit an original notarized Affidavit of Income (AI). (See enclosed AI and instructions). A copy of the signed tax filing extension must accompany the AI if the filing due date has passed.

Note: All AIs must be replaced with the corresponding **ENTIRE SIGNED** FTR(s) by the tax filing due date or by the filing extension's expiration date, whichever occurs first.

Prompt Payment Program

The *Prompt Payment Act* encourages state agencies to pay invoices on a timely basis to certified service and commodity small businesses and recognized nonprofit organizations. Prompt payment is reinforced by adding interest penalties for late payments. The program includes the use of a rubber stamp to alert state agencies of a firm's certified small business or nonprofit organization's status.

Only certified service and commodity small business firms actively working with the state may participate in the Prompt Payment Program. Construction firms' compensation on late/unpaid progress payments is addressed in Public Contract Code, Section 10261.5.

To receive a prompt payment stamp, the following three items must be submitted to the OSMB:

1. A written rubber stamp request. Include the applicant firm's name, OSMB Reference number, and your current mailing address.
2. A copy of a current state contract or purchase order soliciting services from the applicant.
3. A \$15.00 check or money order made payable to the Department of General Services.

Reporting Business Changes

Your firm's business information must remain current with the OSMB or your certification status may be subject to suspension and subsequent revocation.

All changes in business name, structure or ownership requires submission of a new "Small Business and/or Disabled Veteran Business Enterprise Certification Application" (STD. 812). Address and/or telephone number changes must be submitted in writing or fax and must be signed by an owner/officer.

Proof of Eligibility

Maintain this original certification letter for future business needs. To demonstrate your firm's small business eligibility, include a copy of this letter in your state contract bid submittals.

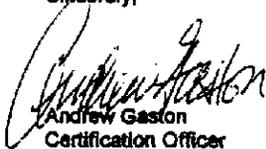
Certification Renewal

A renewal application will be mailed to you prior to the expiration of your small business certification. However, should you not receive an application, please call us so that you may timely renew your certification.

April 9, 1997
38 APP 19970400

If you have any questions, please contact me at (916) 324-4725, or by e-mail agaston@dgs.ca.gov. Please have a copy of this letter and the STD.812 booklet when you call. The OSMB offers various programs to further participation in state contracting. For more information regarding these programs, you may visit our Internet website at www.dgs.ca.gov/osmb, or call our OSMB Telephone Information System at (916) 322-5060.

Sincerely,



Andrew Gaston
Certification Officer
Office of Small and Minority Business

APPLTR Rev. 03/18/1997

Letters of Endorsement



COUNTY OF LAKE

BOARD OF SUPERVISORS
COURTHOUSE - 215 N. PARKER STREET
LAKEPORT, CALIFORNIA 95403
TELEPHONE 707/283-2300
FAX 707/283-2207

ED ROBAY
District 1

July 25, 1997

CALFED Bay-Delta Program Office
1416 Ninth Street
Suite 1155
Sacramento, CA 95814

Dear CALFED Representative:

This is a letter recommending your support for the attached proposal "Erosion Control Workshops, Policies, and Actions to Enhance Source Watersheds." This project will support Lake County's efforts to improve water quality and to assist its citizens in protecting our valuable natural heritage. At the same time, our actions to enhance source watersheds should provide valuable benefits to downstream water users and wildlife, most notably in CALFED's region of concern.

Our thanks for this opportunity to contribute to the achievement of the goals of CALFED Bay-Delta Program.

Sincerely,

A handwritten signature in cursive script that reads "Ed Robay".

Mr. Ed Robay
District 1 Supervisor
County of Lake



COUNTY OF LAKE
PUBLIC WORKS DEPARTMENT
Courthouse - 255 N. Forbes Street
Lakeport, California 95463-4790
Telephone (707) 263-2341 or 994-4824
FAX (707) 263-7748

G. R. SHAUL
Public Works Director

SUE A. ARTERBURN
Deputy Director - Water Resources

FLOOD AND LAKE MANAGEMENT PROGRAMS DIVISION

July 24, 1997

Kate Hansel
CALFED Bay-Delta Program
1416 Ninth Street, Suite 1155
Sacramento, CA 95814

Dear Ms. Hansel:

I am writing in support of an Inquiry Proposal submitted by *Health and Environment*, Lakeport, CA to produce *Erosion Control Workshops, Policies and Actions to Enhance Source Watersheds*.

The public-private collaboration to promote resource management in Lake County is well established through the long-standing efforts of the Lake County Coordinating Resource Management Committee. This group provides the energy and support for on-going community efforts to educate our citizens and visitors with the goal of improving and enhancing our natural resources.

This workshop proposal in particular is one element of the Implementation Plan adopted by the Board of Supervisors in 1994 following completion of the *Clean Lakes Report* on "*Causes and Controls of Algal Blooms in Clear Lake*" prepared by U. C. Davis for the County. This report identified accelerated erosion in the watershed as the primary source of nutrients in Clear Lake.

The Lake County Department of Public Works, Flood and Lake Management Programs Division is committed to the long-term effort to improve the quality and quantity of water in Clear Lake and other Lake County watersheds. The County has just completed a Section 319h grant to demonstrate erosion control techniques in the Scotts Creek watershed that produced a number of brochures and recommendations to continue an information outreach effort. This workshop proposal would go far in reaching that objective.

We here in Lake County strongly believe that the health of the headwaters of the major tributaries to the Delta are the key to long-term success for the future of the Delta.

Very truly yours,

Sue Arterburn Grant
Sue Arterburn Grant
Deputy Director - Water Resources

LAKE COUNTY CAREER CENTER

Changing Lake County's future one person at a time

341 North Main Street • Lakeport, California 95453
(707) 263-0630 • FAX (707) 263-0620

July 24, 1997

CALFED Bay-Delta Program Office
1416 Ninth Street
Suite 1155
Sacramento, CA 95814

Dear CALFED Representative:

This letter is to recommend your support for the proposal "Erosion Control Workshops, Policies, and Actions to Enhance Source Watersheds". This project will contribute to our efforts to create greater awareness of the need for watershed conservation in our county, benefiting ourselves and downstream water users.

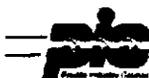
The Career Center looks forward to participating by providing experienced ecosystem restoration technicians for workshop instruction, demonstration site development, and collaborative activities. Depending upon the timing of project award, in-kind support for this participation may be available.

Thank you for this opportunity to contribute to the CALFED Bay-Delta Program.

Sincerely,

Sharon Carini

Sharon Carini
Director



Upper Putah Creek Stewardship

A community-based watershed organization

Sponsor: Supervisor Ed Robey, County of Lake, District 1

Lead Agency: East Lake Resource Conservation District

23 July 1997

Re: Erosion Control Workshops, Policies, and Actions to Enhance Source Watersheds

The Upper Putah Creek watershed is blessed with many creeks and tributaries, all suffering from a historical lack of basic erosion mitigation measures. That watershed management education is needed, especially in the area of erosion control techniques, is borne out by the number of requests we receive from private property owners as to what to do about flood and storm damage to their streambanks.

Our population is growing with many new landowners from metropolitan areas who haven't a clue or background in natural resource management. Most of the property owners we interact with are more than willing to do the work, but do not know what to do. At this time, there is no one local source of education and many depend on anecdotal help from "oldtimers" which sometimes leads to a worse situation for the adjoining downstream neighbor.

Watershed management education is a basic need in this area. To be able to direct these property owners to ongoing workshops would be very helpful to our work and to achieving one of the Stewardship's ongoing goals of watershed education in a hands-on, participatory manner.

The Stewardship is a volunteer group with no paid staff, and we recognize the need to collaborate and pool resources. We, therefore, strongly support this request.

Sincerely,



Helen Perkins Whitney

Coordinator

P.O. Box 1019

Cobb, CA 95426

Tel: 707-928.9812

FAX: 707-928.4528