



THOMAS L. BOLICH
DIRECTOR OF PUBLIC WORKS

County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060-4070
(831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

AGENDA: FEBRUARY 12, 2002

January 31, 2002

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
Santa Cruz, California 95060

SUBJECT: ROAD-RELATED EROSION PREVENTION PLANNING PROJECT
IMPLEMENTATION CONTRACT

Members of the Board:

On April 11, 2000, your Board approved an agreement with the California Department of Fish and Game for SB 271 grant funding in the amount of \$51,008 for the Santa Cruz County Road-Related Erosion Prevention Planning Project. The revenue for the grant was not included in this year's budget, therefore, a resolution accepting unanticipated revenue is attached. The Public Works Department received five responses to the Request for Proposals to complete a priority list for Santa Cruz County system roads in the San Lorenzo River Watershed and develop an erosion prevention plan. A review panel including representatives from Public Works, Santa Cruz County Resource Conservation District, and the California Department of Fish and Game determined that Pacific Watershed Associates was the most qualified for the proposed scope of work. An independent contractor agreement with Pacific Watershed Associates is attached for your Board's consideration.

The consultant work will include the completion of a comprehensive forward-looking assessment to reduce erosion associated with the Santa Cruz County system roads and their appurtenant facilities in the San Lorenzo River Watershed. The consultant is expected to develop an erosion prevention plan with site-specific, clearly prioritized recommendations for salmon and steelhead habitat restoration and prescriptions to reduce road-related erosion. Pacific Watershed Associates is a widely recognized authority on erosion prevention and watershed assessment methods in Northern California. Since 1989, Pacific Watershed Associates has completed similar projects for over 7,500 miles of public and private roads demonstrating substantial experience.

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It is therefore recommended that the Board of Supervisors take the following action:

1. Approve the independent contractor agreement with Pacific Watershed Associates for the Santa Cruz County Erosion Prevention Planning Project for a not-to-exceed amount of \$43,939.
2. Authorize the Director of Public Works to sign the agreement on behalf of the County of Santa Cruz.
3. Adopt the attached resolution accepting unanticipated revenue in the amount of \$51,008 from the California Department of Fish and Game.

Yours truly,

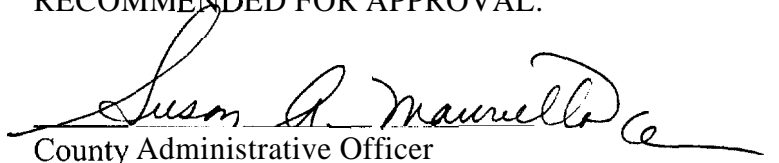


THOMAS L. BOLICH
Director of Public Works

JES:bbs

Attachment

RECOMMENDED FOR APPROVAL:


County Administrative Officer

Copy to: Public Works Department

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BEFORE THE BOARD OF SUPERVISORS
OF THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA

RESOLUTION NO. _____

On the motion of Supervisor _____
duly seconded by Supervisor _____
the following resolution is adopted:

RESOLUTION ACCEPTING UNANTICIPATED REVENUE

WHEREAS, the County of Santa Cruz, is a recipient of funds from the CALIFORNIA DEPARTMENT OF FISH AND GAME for the FISHERY RESTORATION GRANT PROGRAM; and

WHEREAS, the County will receive funds in the amount of \$51,008.00, which are either in excess of those anticipated or are not specifically set forth in the current fiscal year budget of the County; and

WHEREAS, pursuant to Government Code Sections 29130 (c) /29064 (b), such funds may be made available for specific appropriation by a four-fifths vote of the Board of Supervisors;

NOW, THEREFORE, BE IT RESOLVED AND ORDERED that the Santa Cruz County Auditor-Controller accept funds in the amount of \$51,008.00 into the Public Works Department:

| REVENUE | | | | |
|---------|-----------|----------------|------------------------|-------------|
| T/C | INDEX NO. | SUBJECT NUMBER | ACCOUNT NAME | AMOUNT |
| 001 | 621100 | 0894 | STATE-OTHER REVENUE | \$51,008.00 |

and that such funds be and are hereby appropriated as follows:

| EXPENDITURE | | | | | |
|-------------|-----------|---------|-------|--------------|-------------|
| T/C | INDEX NO. | SUBJECT | WA | ACCOUNT NAME | AMOUNT |
| 021 | 621100 | 3590 | 40079 | DPW SERVICES | \$51,008.00 |

DEPARTMENT HEAD: I hereby certify that the fiscal provisions have been researched and that the Revenue(s) (has been) (will be) received within the current fiscal year.

By Thomas Bolin
Department Head

Date 2/4/02

COUNTY ADMINISTRATIVE OFFICER

/G/Recommended to Board

/Not Recommended to Board

PASSED AND ADOPTED by the Board of Supervisors of the County of Santa Cruz, State of California, this 12th day of February, 2002, by the following vote (requires four-fifths vote approval):

AYES: SUPERVISORS

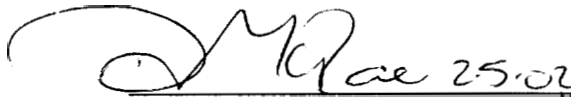
NOES: SUPERVISORS

ABSENT: SUPERVISORS

Chairperson of the Board

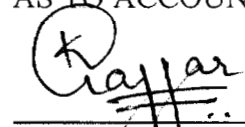
ATTEST:_____
Clerk of the Board

APPROVED AS TO FORM:



Chief Assistant County Counsel

APPROVED
AS TO ACCOUNTING DETAIL:



Auditor-Controller

Distribution: Auditor-Controller
Public Works Department

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INDEPENDENT CONTRACTOR AGREEMENT

THIS CONTRACT is entered into this 12th day of February 2002, by and between the COUNTY OF SANTA CRUZ, hereinafter called COUNTY, and PACIFIC WATERSHED ASSOCIATES, hereinafter called CONTRACTOR. The parties agree as follows:

1. DUTIES. CONTRACTOR agrees to exercise special skill to accomplish the following result: Complete a comprehensive forward-looking assessment of erosion potential associated with Santa Cruz County system roads and their appurtenance facilities in the San Lorenzo River watershed. Develop an erosion prevention plan with site-specific, clearly prioritized recommendations for salmon and steelhead habitat restoration and prescriptions to reduce road-related erosion. All reported deliverables to be provided in hard copy and in PC compatible digital format including a microsoft access database consistent with the data collection form and searchable for each specific data field, and associated cost estimates for prescribed treatments. A final erosion prevention planning report in Microsoft Word format including cost/benefit, and fisheries benefit recommendations and any associated maps.

2. COMPENSATION. In consideration for CONTRACTOR accomplishing said result, COUNTY agrees to pay CONTRACTOR as follows: for a not to exceed amount of \$43,939.

3. TERM. The term of this contract shall be: From Board approval through June 30, 2002.

4. EARLY TERMINATION. Either party hereto may terminate this contract at any time by giving 30 days written notice to the other party.

5. INDEMNIFICATION FOR DAMAGES, TAXES AND CONTRIBUTIONS. CONTRACTOR shall exonerate, indemnify, defend, and hold harmless COUNTY (which for the purpose of paragraphs 5 and 6 shall include, without limitation, its officers, agents, employees and volunteers) from and against:

A. Any and all claims, demands, losses, damages, defense costs, or liability of any kind or nature which COUNTY may sustain or incur or which may be imposed upon it for injury to or death of persons, or damage to property as a result of, arising out of, or in any manner connected with the CONTRACTOR'S performance under the terms of this Agreement, excepting any liability arising out of the sole negligence of the COUNTY. Such indemnification includes any damage to the person(s), or property(ies) of CONTRACTOR and third persons.

B. Any and all Federal, State and Local taxes, charges, fees, or contributions required to be paid with respect to CONTRACTOR and CONTRACTOR'S officers, employees and agents engaged in the performance of this Agreement (including, without limitation, unemployment insurance, social security and payroll tax withholding).

6. INSURANCE. CONTRACTOR, at its sole cost and expense, for the full term of this Agreement (and any extensions thereof), shall obtain and maintain at a minimum compliance with all of the following insurance coverage(s) and requirements. Such insurance

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coverage shall be primary coverage as respects COUNTY and any insurance or self-insurance maintained by County shall be excess of CONTRACTOR'S insurance coverage and shall not contribute to it.

If CONTRACTOR utilizes one or more subcontractors in the performance of this Agreement, CONTRACTOR shall obtain and maintain Independent Contractor's Insurance as to each subcontractor or otherwise provide evidence of insurance coverage for each subcontractor equivalent to that required of CONTRACTOR in this Agreement, unless CONTRACTOR and COUNTY both initial here _____ / _____

A. Types of Insurance and Minimum Limits

(1) Worker's Compensation in the minimum statutorily required coverage amounts. This insurance coverage shall not be required if the CONTRACTOR has no employees and certifies to this fact by initialing here _____

(2) Automobile Liability Insurance for each of CONTRACTORs vehicles used in the performance of this Agreement, including owned, non-owned (e.g. owned by CONTRACTOR's employees), leased or hired vehicles, in the minimum amount of \$500,000 combined single limit per occurrence for bodily injury and property damage. This insurance coverage shall not be required if vehicle use by CONTRACTOR is not a material part of performance of this Agreement and CONTRACTOR and COUNTY both certify to this fact by initialing here _____ / _____.

(3) Comprehensive or Commercial General Liability Insurance coverage in the minimum amount of \$1,000,000 combined single limit, including coverage for: (a) bodily injury, (b) personal injury, (c) broad-form property damage, (d) contractual liability, and (e) cross-liability.

(4) Professional Liability Insurance in the minimum amount of \$1,000,000.00 combined single limit, if, and only if, this Subparagraph is initialed by CONTRACTOR and COUNTY _____ / _____.

B. Other Insurance Provisions

(1) If any insurance coverage required in this Agreement is provided on a "Claims Made" rather than "Occurrence" form, CONTRACTOR agrees to maintain the required coverage for a period of three (3) years after the expiration of this Agreement (hereinafter "post agreement coverage") and any extensions thereof. CONTRACTOR may maintain the required post agreement coverage by renewal or purchase of prior acts or tail coverage. This provision is contingent upon post agreement coverage being both available and reasonably affordable in relation to the coverage provided during the term of this Agreement. For purposes of interpreting this requirement, a cost not exceeding 100% of the last annual policy premium during the term of this Agreement in order to purchase prior acts or tail coverage for post agreement coverage shall be deemed to be reasonable.

(2) All required Automobile and Comprehensive or Commercial General Liability Insurance shall be endorsed to contain the following clause:

“The County of Santa Cruz, its officials, employees, agents and volunteers are added as an additional insured as respects the operations and activities of, or on behalf of, the named insured performed under Agreement with the County of Santa Cruz.”

(3) All required insurance policies shall be endorsed to contain the following clause:

“This insurance shall not be canceled until after thirty (30) days prior written notice has been given to: JOHN SWENSON
PUBLIC WORKS DEPARTMENT
701 OCEAN STREET, ROOM 410
SANTA CRUZ, CA 95060”

(4) CONTRACTOR agrees to provide its insurance broker(s) with a full copy of these insurance provisions and provide COUNTY on or before the effective date of this Agreement with Certificates of Insurance for all required coverages. All Certificates of Insurance shall be delivered or sent to: JOHN SWENSON
DEPARTMENT OF PUBLIC WORKS
701 OCEAN STREET, ROOM 410
SANTA CRUZ, CA 95060

7. EOUAL EMPLOYMENT OPPORTUNITY. During and in relation to the performance of this Agreement, CONTRACTOR agrees as follows:

A. The CONTRACTOR shall not discriminate against any employee or applicant for employment because of race, color, religion, national origin, ancestry, physical or mental disability, medical condition (cancer related), marital status, pregnancy, sex, sexual orientation, age (over 18), veteran status or any other non-merit factor unrelated to job duties. Such action shall include, but not be limited to the following: recruitment; advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training (including apprenticeship), employment, upgrading, demotion, transfer. The CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notice setting forth the provisions of this non-discrimination clause.

B. If this Agreement provides compensation in excess of \$50,000 to CONTRACTOR and if CONTRACTOR employs fifteen (15) or more employees, the following requirements shall apply:

(1) The CONTRACTOR shall, in all solicitations or advertisements for employees placed by or on behalf of the CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, ancestry, physical or mental disability, medical condition (cancer related), marital status, pregnancy, sex, sexual orientation, age (over 18), veteran status, or any other non-merit factor unrelated to job duties. In addition, the CONTRACTOR shall make a good faith effort to consider Minority/Women/Disabled Owned Business Enterprises in CONTRACTOR's solicitation of goods and services. Definitions for Minority/Women/Disabled Business Enterprises are available from the COUNTY General Services Purchasing Division.

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(2) The CONTRACTOR shall furnish COUNTY Equal Employment Opportunity Office information and reports in the prescribed reporting format (PER 4012) identifying the sex, race, physical or mental disability and job classification of its employees and the names, dates and methods of advertisement and direct solicitation efforts made to subcontract with Minority/Women/Disabled Business Enterprises.

(3) In the event of the CONTRACTOR'S non-compliance with the non-discrimination clauses of this Agreement or with any of the said rules, regulations, or orders said CONTRACTOR may be declared ineligible for further agreements with the COUNTY.

(4) The CONTRACTOR shall cause the foregoing provisions of this Subparagraph 7B. to be inserted in all subcontracts for any work covered under this Agreement by a subcontractor compensated more than \$50,000 and employing more than fifteen (15) employees, provided that the foregoing provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials.

8. INDEPENDENT CONTRACTOR STATUS. CONTRACTOR and COUNTY have reviewed and considered the principal test and secondary factors below and agree that CONTRACTOR is an independent contractor and not an employee of COUNTY. CONTRACTOR is responsible for all insurance (workers compensation, unemployment, etc.) and all payroll related taxes. CONTRACTOR is not entitled to any employee benefits. COUNTY agrees that CONTRACTOR shall have the right to control the manner and means of accomplishing the result contracted for herein.

PRINCIPAL TEST: The CONTRACTOR rather than COUNTY has the right to control the manner and means of accomplishing the result contracted for.

SECONDARY FACTORS: (a) The extent of control which, by agreement, COUNTY may exercise over the details of the work is slight rather than substantial; (b) CONTRACTOR is engaged in a distinct occupation or business; (c) In the locality, the work to be done by CONTRACTOR is usually done by a specialist without supervision, rather than under the direction of an employer; (d) the skill required in the particular occupation is substantial rather than slight; (e) The CONTRACTOR rather than the COUNTY supplies the instrumentalities, tools and work place; (f) The length of time for which CONTRACTOR is engaged is of limited duration rather than indefinite; (g) The method of payment of CONTRACTOR is by the job rather than by the time; (h) The work is part of a special or permissive activity, program, or project, rather than part of the regular business of COUNTY; (i) CONTRACTOR and COUNTY believe they are creating an independent contractor relationship rather than an employer-employee relationship; and (j) The COUNTY conducts public business.

It is recognized that it is not necessary that all secondary factors support creation of an independent contractor relationship, but rather that overall there are significant secondary factors which indicate that CONTRACTOR is an independent contractor.

By their signatures to this Agreement, each of the undersigned certifies that it is his or her considered judgment that the CONTRACTOR engaged under this Agreement is in fact an independent contractor.

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9. CONTRACTOR represents that its operations are in compliance with applicable County planning, environmental and other laws or regulations.

10. CONTRACTOR is responsible to pay prevailing wages and maintain records as required by Labor Code Section 1770 and following.

11. NONASSIGNMENT. CONTRACTOR shall not assign this agreement without the prior written consent of the COUNTY,

12. RETENTION AND AUDIT OF RECORDS. CONTRACTOR shall retain records pertinent to this Agreement for a period of not less than five (5) years after final payment under this Agreement or until a final audit report is accepted by COUNTY, whichever occurs first. CONTRACTOR hereby agrees to be subject to the examination and audit by the Santa Cruz County Auditor-Controller, the Auditor General of the State of California, or the designee of either for a period of five (5) years after final payment under this Agreement.

13. PRESENTATION OF CLAIMS. Presentation and processing of any or all claims arising out of or related to this Agreement shall be made in accordance with the provisions contained in Chapter 1.05 of the Santa Cruz County Code, which by this reference is incorporated herein.

14. ACKNOWLEDGMENT. CONTRACTOR shall acknowledge in all reports and literature that the Santa Cruz County Board of Supervisors has provided funding to the CONTRACTOR.

15. ATTACHMENTS. This Agreement includes the following attachments: Scope of Work.

IN WITNESS WHEREOF, the parties hereto have set their hands the day and year first above written.

COUNTY OF SANTA CRUZ

By: _____
Director of Public Works

APPROVED AS TO FORM:

By: _____
Chief Assistant County Counsel

DISTRIBUTION: Auditor-Controller
Contractor
Public Works

JES:bbs

CONTRACTOR

PACIFIC WATERSHED ASSOCIATES

By: W. Weaved

Address: P. O. Box 4433
Arcata, CA 95518

Telephone: (707) 839-5130

FAX: 839-5160

E-MAIL pwa@northcoast.com

pwab.wpd

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San Lorenzo River Road road-related erosion assessment

2/6/02

San Lorenzo River Road-related Erosion Prevention Planning Project Scope of Work

The road erosion and erosion prevention planning project will involve a systematic assessment by Pacific Watershed Associates (PWA) of selected Santa Cruz County system roads in the San Lorenzo River watershed on a time and materials basis, per the attached fee schedule. **As a time and materials project, the inventory will focus on "prioritized" County roads as defined by the California Department of Fish and Game, Santa Cruz County Department of Public Works and PWA. The actual number of miles of "prioritized" roads to be inventoried will be controlled by the not to exceed amount of \$43,939 as defined by the Santa Cruz County Department of Public Works Independent Contractor Agreement (ICA item #2). The contract amount of \$43,939 includes the road assessment inventory, database entry and analysis, and final report of inventory results and prioritized erosion control and erosion prevention implementation plan.**

ROAD EROSION ASSESSMENT AND DATA COLLECTION PROTOCOLS

The primary objectives of this road assessment and planning project are to: 1) identify, characterize and quantify those future road-related sediment sources most likely to impact fish-bearing streams if left untreated and 2) to develop a prioritized action-plan for cost-effective erosion control and erosion prevention for all correctable or preventable sediment sources that can be implemented immediately upon completion of the inventory and environmental compliance requirements.

The watershed planning project will consist of two main work items: 1) a field inventory of upland sediment sources (future sources of erosion and sediment delivery), especially road-related sediment sources and 2) preparation of a prioritized plan-of-action for erosion prevention and erosion control. Each element of the proposed project, including general assessment and data collection protocols, is outlined below.

1. Field inventories to delineate controllable upland sediment sources

- a. Conduct a field inventory along designated public (county) system roads to delineate **all** sites which pose a risk of sediment delivery to nearby streams,
- b. Conduct database entry (developing the database form and table, and entering the field data in the database (MS Access)), and prepare GIS site maps showing inventoried erosion sites, and prioritized, controllable sediment sources identified in the field inventory,
- c. Perform data analysis, including the generation of data tables of problems and treatments for the area,
- d. Prepare a report of the inventory results and develop a prioritized implementation plan for erosion control and erosion prevention.

The erosion assessment and data collection methods employed in the field will generally follow those outlined in Chapter 9 of the draft CDFG Restoration Manual for conducting upslope assessments and restoration projects. Specific deviations in protocols or the format of data that is collected will be developed in concert with County and CDFG representatives to ensure consistency with project requirements. Data on existing and future erosion sources is typically

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San Lorenzo River Road road-related erosion assessment

2/6/02

collected by one or more two-person crews (the number of crews to be employed depends on time lines and other logistic considerations). QA/QC is provided through three methods: 1) the utilization of standardized data collection protocols included in the PWA data form, 2) utilization of trained and experienced inventory personnel, 3) consensus data collection by teams of two, 4) office review of calculations and conclusions, and 5) field oversight and review of selected inventory sites by senior staff. Together, these techniques provide a measure of consistency and quality control throughout the project. Complex or complicated sites that require additional review or design will be inspected by senior geologists or erosion control experts.

2. Prepare erosion prevention implementation plan

The final document will be a prioritized implementation plan that can be followed to cost-effectively control accelerated erosion and sediment delivery to streams of the project area. The work plan will be specific on a site-by-site basis and can be used to directly treat potential work sites, or for application for additional grant funding for implementation. The elements to be included in the treatment plan include: 1) the identification and quantification of controllable sediment sources on selected County system roads in the San Lorenzo River watershed that are likely to impact fish-bearing streams if left untreated, and 2) a site specific, prioritized implementation plan for cost-effective erosion prevention treatments (listing specific treatments, needed equipment and materials, and estimated costs).

A great deal of quantitative information on watershed conditions will be collected along roads in the watershed. This information will be used to develop a site-specific plan that prevents controllable erosion that could otherwise lead to degradation of aquatic habitats. During field investigations, the erosion potential for each identified site will be evaluated, a corrective treatment will be prescribed, and treatment costs will be estimated. Along with other information, the volume of potential erosion and sediment delivery to a stream, if the site is left untreated, will be determined. This and other information will be recorded on field inventory forms and entered into a database from which restoration plans and treatment priorities can be developed. The standard erosion assessment protocol developed by PWA (unless modified through agreement with the County and CDFG) will be employed to identify sites and to develop treatment prescriptions. As a product of this watershed assessment, an implementation plan will be developed for the project area or for the system roads that are assessed. The PWA final report may be used to immediately apply for funding for project implementation.

Road-related land management practices which cause controllable erosion and sediment delivery to stream channels are the focus of the upland assessment. Only if a management-related erosion source will deliver sediment to a stream channel will it be considered for potential treatment. Sources of erosion which do not deliver sediment to a stream are not considered for remediation. It should be clear that this will not be a road maintenance inventory. Rather, it is an inventory of future sediment sources that can be cost-effectively treated to prevent or reduce sediment delivery to the San Lorenzo River and its tributaries. The watershed assessment protocol, by its nature, results in prioritized recommendations for implementation of the most cost-effective erosion prevention and erosion control projects in the assessment area. Potential erosion prevention or erosion control treatment sites are prioritized based on a number of factors, the most important of which is often treatment cost-effectiveness. Cost-effectiveness is defined

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San Lorenzo River Road road-related erosion assessment

2/6/02

as the cost for preventing a unit volume of sediment from being delivered to a stream channel, and is expressed as "\$ spent per yd^3 saved" from being delivered. Thus, those potential sediment sources which could be corrected or prevented for $\$5/\text{yd}^3$ would receive a higher priority rating for treatment than those which would require $\$10/\text{yd}^3$ to treat.

Other factors besides cost-effectiveness can also be used to help set priorities. Direct delivery to a Class I stream is likely to have a higher rating, but all sediment which enters Class 1, 2, or 3 streams will eventually impact fish-bearing watercourses. Some areas and sites are also considered at greater **risk**, including roads on inner gorge slopes and sites in highly erodible terrain. The assessment methodology uses factors such as erosion potential, treatment immediacy, and treatment complexity to moderate the initial evaluation of treatment needed to arrive at a final treatment priority.

FORMATS FOR DATABASE, WORKSHEETS AND REPORTS

Field assessment data and treatment prescriptions will be collected on a customized data form developed in concert with the Department of Public Works and the Department of Fish and Game. The general outline of the data form will be the same as that included in the draft Chapter 9 of the CDFG Restoration manual and as used by PWA for similar road erosion inventories. The data will then be entered into an electronic database format (MS ACCESS) that matches the data form and that is searchable for each specific data field. The data form and matching database has been specifically designed to provide for maximum flexibility in conducting meaningful database searches for individual fields or groups of fields. It is also used to develop automated cost estimates for treating one or more sites on a road or within the watershed.

Preliminary recommendations for erosion prevention treatments are developed at the field level during the assessment. They are included on the field data forms and in the electronic database. A suite of possible treatments will be developed for use on the county roads, and these will be forwarded to the Department of Public Works to ensure they are compatible with County standards. It is important to note that this contract does not include engineering costs to develop customized specifications or design drawings for road-related treatments. The recommended conceptual treatments will be provided for each site, along with a list of alternative treatments (where alternatives are available) that could be employed to accomplish the desired goal. The cost estimates that are provided will be based on competitive public sector equipment and labor costs, or on unit or hourly costs provided by county for similar work (if they are readily available).

The final report will have a general structure that has been developed for use on CDFG SB271 Restoration Grant projects completed by PWA in the past. It will follow the general outline presented in the draft CDFG Restoration Manual (Chapter 9), including those elements that are applicable to this project. The report will be provided in **hard** copy (with GIS maps - provided the base maps are available from the County) and in electronic format (WordPerfect or MS Word format). The MS Access database will also be provided at the request of the County.

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P.O. BOX 4433 • ARCATA, CA 95518 • (707) 839-5130

PACIFIC WATERSHED ASSOCIATES

Rate Schedule

January 1, 2001

Standard Professional Services

| | |
|--|---------|
| Principal/Senior Scientist | \$75/hr |
| Division Leader (Geologist, Hydrologist, Erosion Control Specialist) | \$60/hr |
| Project Leader (Geologist, Hydrologist, Erosion Control Specialist) | \$50/hr |
| Staff Scientist (Geologist, Hydrologist, Erosion Control Specialist) | \$45/hr |
| Staff Biologist | \$45/hr |
| Technicians | \$35/hr |
| Clerical | \$25/hr |
| Graphics, GIS, Database, and drafts-person | \$35/hr |

Litigation and Court Related Work

| | |
|---|----------|
| Principals, field work, preparation, reports | \$90/hr |
| Principals, depositions and court time | \$110/hr |
| Staff Professionals | \$75/hr |

Other Costs

| | |
|-----------------------------------|------------------------|
| Vehicles | \$.50/mi |
| Administrative Overhead | 15% of personnel casts |
| Per diem (per person) | \$100/day |
| All other expenses | Cost + 15% |
| Profit (negotiable) | 5% of personnel costs |

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**COUNTY OF SANTA CRUZ
REQUEST FOR APPROVAL OF AGREEMENT**

TO: Board of Supervisors
County Administrative Office
Auditor Controller

FROM: PUBLIC WORKS (Department)
BY: [Signature] (Signature) 24.02 (Date)
Signature certifies that appropriations/revenues are available

AGREEMENT TYPE (Check One)

Expenditure Agreement ☐

Revenue Agreement ☐

The Board of Supervisors is hereby requested to approve the attached agreement and authorize the execution of same.

1. Said agreement is between the COUNTY OF SANTA CRUZ (Department/Agency)
PACIFIC WARS
and P. O. Box 4433, Arcata., CA 95518 (Name/Address)
2. The agreement will provide physical assessment and road related erosion prevention
plan for priority County maintained roads in the San Lorenzo River Watershed.
3. Period of the agreement is from Board Approval to June 30, 2002
4. Anticipated cost is \$ 43,939.00 ☐ Fixed ☐ Monthly Rate ☐ Annual Rate ☐ Not to Exceed
Remarks: Contract \$43,939; Overhead \$3,075.73; Total \$47,014.73
5. Detail: ☐ On Continuing Agreements List for FY -, Page CC-- Contract No: - OR ☐ 1st Time Agreement
☐ Section II No Board letter required, will be listed under Item 8
17 Section III Board letter required
☐ Section IV Revenue Agreement
6. Appropriations/Revenues are available and are budgeted in 621100 !40079 !3665 ! (Index) 3590 (Sub object)

NOTE: IF APPROPRIATIONS ARE INSUFFICIENT, ATTACHED COMPLETED AUD-74 OR AUD-60

Appropriations are available and have been encumbered.
are not will be

Contract No. 12712

By: [Signature]
Auditor-Controller Deputy

Date: 02/05/02

Proposal and accounting detail reviewed and approved. It is recommended that the Board of Supervisors approve the agreement and authorize
Director of Public Works (Dept/Agency Head) to execute on behalf of the Department of
Public Works (Department/Agency)

Date 2/6/02
SEJ bbs

By: [Signature]
County Administrative Office

Distribution:

Board of Supervisors - White
Auditor Controller - Canary
Auditor-Controller - Pink
Department - Gold

State of California
County of Santa Cruz

I - ex-officio Clerk of the Board of Supervisors of the County of Santa Cruz,
State of California, do hereby certify that the foregoing request for approval of agreement was ap-
proved by said Board of Supervisors as recommended by the County Administrative Office by an
order duly entered in the minutes of said Board on - 20-

ADM - 29 (8/01)
Title Section 300 Proc Man

By: Deputy Clerk

AUDITOR-CONTROLLER USE ONLY

| CO | \$ | Document No. | JE Amount | Lines | H/TL | Keyed By | Date |
|-------|----|---------------------|-----------|-------|------------|-----------|------|
| TC110 | \$ | Auditor Description | Amount | Index | Sub object | User Code | |

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