

**LAKE TAHOE RESTORATION PROJECTS
ESTIMATED DIRECT COSTS & KEY MILESTONE DATES**

Post Construction Project-Level
Adaptive Management

Project Name: Monitoring Agency: USFS
 Prepared by: Susan Norman Phone: (530)-543-2662 EIP #: 10163.51
 SNPLMA Project #: _____

Identify estimated costs of eligible reimbursement expenses:

1. Planning, Environmental Assessment and Research Costs (specialist surveys, reports, monitoring, data collection, analysis, NEPA, etc.)	\$ _____	_____	%
2. Direct Labor (Payroll) to Perform the Project	\$ <u>451,500</u>	<u>88</u>	%
3. Project Equipment (tools, software, specialized equipment, etc.)	\$ <u>20,000</u>	<u>4</u>	%
4. Travel (including per diem where official travel status required to carry out project, such as serve as COR, experts to review reports, etc.)	\$ _____	_____	%
5. Official Vehicle Use (pro rata cost for use of Official Vehicles when required to carry out project)	\$ <u>23,000</u>	<u>4</u>	%
6. Cost of Contracts, Grants and/or Agreements to Perform the Project	\$ _____	_____	%
7. Other Direct Costs (direct labor for agency personnel to do project procurements; COR; PI; personnel assigned as NEPA lead; personnel assigned to review contracted surveys, designs/drawings, reports, etc.; project manager and/or project supervisor; and contracted costs for project manager and/or project supervisor if contracted separately)	\$ <u>20,000</u>	<u>4</u>	%
TOTAL for 1 year*:	\$ <u>514,500</u>	<u>100</u>	%

Estimated Key Milestone Dates:

Milestones/Deliverables:	Date:
Prepare Annual Monitoring Reports for 2005	12/05
Update Monitoring Plans as needed	03/06
Implement 2006 Monitoring	05 thru 10/06
Storm Water Monitoring	variable
Final Completion Date (1st year)	10/06

GENERAL TAHOE PROJECT PROPOSAL

Project Name: Post Construction Project-Level Adaptive Management
Monitoring

EIP # 10163.51

Lead Agency: US Forest Service

Contact: Susan Norman

Phone Number: 530-543-2662

Threshold: AM, WQ, Recreation, Soils, Veg,
Fuels

Email Address: snorman@fs.fed.us

Threshold Standard:

Total Project Cost: \$2,700,000

Round 6 Funding requested: \$514,500

Is this a multi-year project? Yes

Project Description:

Collect, analyze, and report project level monitoring data for SEZ/watershed restoration projects, vegetation and fuels treatments, and road and trail Water Quality BMP upgrades. This is an on-going project which meets the requirement for adaptive management monitoring of previously constructed capital projects.

Describe the purpose and need for the project:

To provide a comprehensive program of data collection and analysis on the impacts of various forest management activities on ecological resources and to ensure BMP upgrade project goals are met. Data will be used for adaptive management decision making regarding project maintenance and application of various treatment strategies and mitigations.

Describe the goals and objective of the project (for Science & Research Projects describe Key Management Questions being addressed):

Provide data on ecological impacts of vegetation management, restoration, and road and trail bmp upgrades. A variety of data to be collected related to soils, water quality, channel morphology/hydrologic function, vegetation, fuels reduction, and usage capacity. In relation to road and trail BMP's, monitoring will be used to assess effectiveness of BMP projects during storms and after project implementation.

Describe the anticipated project accomplishments:

Individual monitoring plans to be produced for each project/program area. Programmatic reports will be produced on an annual basis, project level reports will be produced as defined in individual monitoring plans.

Describe the "readiness" of this project to move forward (environmental documentation, etc.):

Immediately, program is already ongoing.

Describe partnerships for this project (include documentation):

Work to be conducted by USFS staff.

For non-Science & Research Projects (i.e. restoration, planning efforts etc.) describe the anticipated project effectiveness monitoring program for use with adaptive management framework:

Monitoring will determine both successful and deficient components of BMP projects. Adaptive management strategies will be identified and implemented based up monitoring results.

Include an 8 ½ X 11 map depicting the project, or research/study area.

N/A