

Appendix B-8

**ROUND 8 LAKE TAHOE RESTORATION PROJECTS
ESTIMATED NECESSARY EXPENSES & KEY MILESTONE DATES**

Erosion Control Grants to

Project Name: Local Governments Agency: USFS, LTBMU
 Prepared by: Catherine Schoen Phone: (530) 543-2670 EIP#: multiple
 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.)	\$ <u>45,000</u>	<u>0.45</u> %
2. FWS Consultation – Endangered Species Act	_____	_____ %
3. Direct Labor (Payroll) to Perform the Project	\$ <u>137,000</u>	<u>1.37</u> %
4. Project Equipment (tools, software, specialized equipment, etc.)	\$ <u>35,000</u>	<u>0.35</u> %
5. Travel (including per diem where official travel status required to carry out project, such as serve as COR, experts to review reports, etc.)	\$ <u>5,000</u>	<u>0.05</u> %
6. Official Vehicle Use (pro rata cost for use of Official Vehicles when required to carry out project)	\$ _____	_____ %
7. Cost of Contracts, Grants and/or Agreements to Perform the Project	\$ <u>9,328,000</u>	<u>93.28</u> %
8. Other Direct and Contracted Labor: Agency payroll for the Contracting Officer to do project procurement, COR, Project Inspector, Sec. 106 Consultation if required, NEPA Lead, Project Manager, Project Supervisor, and subject experts to review contracted surveys, designs/drawings, plans, reports, etc.; Also covered is the cost to contract for a Project Manager and/or Project Supervisor if contracted separately from other project contracts)	\$ <u>450,000</u>	<u>4.5</u> %
9. Other Necessary Expenses (See Appendix B-9)	_____	_____ %
TOTAL:	\$ <u>10,000,000</u>	<u>100</u> %

Estimated Milestone Dates:

Milestones/Deliverables	Date:
Announce RFP	9/2007
TAC selects proposals for award	1/2008
Grant awards	1 to 3/2008
Grant administration	ongoing
Final Completion Date:	Varies by grant

COMMENTS:

APPENDIX I

ROUND 8 LAKE TAHOE CAPITAL PROJECT PROPOSAL

Project Name: Erosion Control Grants to Local Governments
Capital Focus Area: Watershed and Habitat Improvements, WQP Assistance (select from Federal Vision Focus Areas)
EIP #: Multiple (to be determined)

Lead Agency: USFS, LTBMU

Contact: Catherine Schoen

Threshold: Water Quality/
Soil Conservation

Phone Number: (530)543-2760

Threshold Standards: WQ- 2A, 2B, 4, 5, 6; SC-2
Email Address: cschoen@fs.fed.us

Is this a multi-year Project? Yes
(If “Yes”, describe in the Detailed

Total Project Cost: \$10,000,000/yr

Project Description below number of
Years or phases and which year the
Requested funding will cover)

Funding Request in this Round: \$10,000,000

Project Summary (maximum 200 words):

The LTBMU Erosion Control Grant Program provides grant funding to local governing bodies of political subdivisions within the Lake Tahoe Basin to plan, construct, and monitor urban stormwater treatment and stream environment zone (SEZ) restoration projects. This program is authorized by the Lake Tahoe Restoration Act (Public Law 106-506) which requires a one to one state or local match to federal grant funds to implement EIP erosion control and soil conservation projects. For many of the construction grant projects, previously awarded SNPLMA funding (in the form of LTBMU Erosion Control Grant Program planning grant) was used for project development.

Detailed Project Description:

Detailed project descriptions cannot be given at this time because grant proposals will not be solicited until October 2007. As in previous rounds, we will continue to grant these funds to local jurisdictions for erosion control, stream restoration, and BMP effectiveness monitoring projects. These projects are developed according to the Storm Water Quality Improvement Committee’s (SWQIC’s) Feasibility and Evaluation of Alternatives (FEA) guidance document. All of the project grants are multiple year grants. The maximum original term length for these grants is five years, but that can be extended in response a request with appropriate justification.

Describe the goals and objectives of the project:

The goal of the LTBMU Erosion Control Grant Program is to improve Lake Tahoe clarity by improving the urban portions of tributary watersheds and improving the water quality of stormwater runoff. The objective of the grant program is to provide the level of federal funding authorized under the Lake Tahoe Restoration Act, and identified as needed in the Lake Tahoe EIP, to implement urban stormwater treatment and SEZ restoration projects to reduce the loading of sediments and nutrients to Lake Tahoe.

Describe the anticipated project accomplishments:

The LTBMU Erosion Control Grant Program expects to award \$9.3 million to local governments to fund the planning, implementation, and monitoring of urban stormwater treatment and SEZ restoration projects on the EIP project list. The local jurisdictions will use the grant funding to make progress in implementing erosion control and SEZ restoration projects on their 5 year plans. The grant program funded urban stormwater treatment projects will reduce sediment and nutrient loads to Lake Tahoe by implementing source control to reduce the degree to which stormwater runoff is polluted with sediment and nutrients, hydrologic control to reduce the volume and delay the delivery of peak runoff flows to receiving waters, and providing stormwater treatment. The grant program funded SEZ restoration projects will reduce sediment and nutrient loads to Lake Tahoe by stabilizing stream courses, increasing peak flow treatment by increasing the frequency out-of-bank flood plane flows, and reducing peak flow rates by enhancing watershed storage like raising ground water elevations in areas adjacent to restored streams.

Describe the “readiness” of this project to move forward (urgency, capacity, capability, Environmental documentation etc.):

The LTBMU Erosion Control Grant Program funds EIP projects at all of the stages of project development and implementation. A larger portion of the total LTBMU Erosion Control Grant funds awarded are for EIP project construction. These EIP project construction grants are closely timed to the year scheduled for construction, and often are utilized within one to two years of the grant award. The program also funds a number of proposals for EIP projects for which planning is either just beginning or continuing to completion. Project planning costs include development of the needed environmental documentation. No construction costs related to a grant funded project will be approved for reimbursement until NEPA assessment requirements have been fulfilled.

Describe partnerships for this project. (Include documentation):**

The process for selecting proposals for award in the LTBMU Erosion Control Grant Program is non-completive with the goal of providing equitable distribution of grant funds to local governments in the Tahoe Basin (including the City of South Lake Tahoe, El Dorado County, Placer County in California, and Washoe County, Douglas County, and Carson City (and the General Improvement Districts and Home Owner Associations with each) in Nevada). The awarded projects are selected for funding through an interagency technical advisory committee (TAC) with representatives from Tahoe Basin funding and regulatory agencies including representatives from US BOR, CTC, NDSL, TRPA, ACOE, NDEP, and Lahontan RWQCB.

Describe the project monitoring that will be implemented as part of this project including:

- 1) The questions the monitoring program is designed to answer**
- 2) The monitoring approach**
- 3) Whether this project monitoring fits into a larger monitoring or research program?**

Up to 10% of the grant funds may be awarded to proposals to monitor BMP effectiveness in the Comprehensive Urban Run-off Treatment Effectiveness Monitoring (CURTEM) program. The awarded monitoring plans consist of a combination of stormwater sample collection (often by automated samplers) and analysis, the collection of storm event and other field parameters, and direct observation. The effectiveness of erosion control projects, urban storm water treatment

BMPs, and SEZ restoration projects is a well recognized data gap for determining the likely pollutant load reductions to be achieved by erosion control and soil conservation projects, and are proposed as sub-themes in the draft Tahoe Science Consortium Tahoe Basin Science plan. This monitoring also serves to inform adaptive management of constructed projects and new project design to improve project effectiveness in terms of water quality, and hydrology.

Describe how the project results will be communicated and made-available to the public.

Erosion control project development requires public scoping to collect information from the residents of a project area related to drainage problems, and to inform the public of the alternative projects considered, and the alternative selected for complete design and construction. In addition to the inviting the public to participate in project development, all final reports become part of the public record for the project, and the construction of the project results in a publicly owned project. CURTEM monitoring projects are documented in final reports that are available to the public and the BMP effectiveness monitoring results are often presented at the Lake Tahoe Interagency Monitoring Program (LTIMP) meetings and other Tahoe Basin research and design symposiums.

Include an 8 ½ X 11 map depicting the project.

The equitable distribution of grant funds to Lake Tahoe Basin local governments will result in project locations throughout the basin, and will not be actually determined until after grant award selection by the interagency TAC in January 2008.

**Page 117 – Implementation Agreement
Southern Nevada Public Land Management Act of 1998
Public Law 105-263 (as amended) June 7, 2006**