

Appendix B-8

LAKE TAHOE RESTORATION PROJECTS ESTIMATED NECESSARY EXPENSES & KEY MILESTONE DATES

Project Name: South Shore Ecosystem Restoration,
Hazardous Fuel Reduction Agency: USFS – LTBMU
 Prepared by: Scott Parsons Phone: 530-543-2687 EIP #: 10177.08
 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>338,000</u>	<u>6</u> %
2. FWS Consultation – Endangered Species Act	\$ _____	_____ %
3. Direct Labor (Payroll) to Perform the Project	\$ <u>90,000</u>	<u>2</u> %
4. Project Equipment (tools, software, specialized equipment, etc.)	\$ <u>10,000</u>	<u><1</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.)	\$ _____	_____ %
6. Official Vehicle Use (pro rata cost for use of Official Vehicles when required to carry out project)	\$ <u>22,000</u>	<u><1</u> %
7. Cost of Contracts, Grants and/or Agreements to Perform the Project	\$ <u>4,160,000</u>	<u>72</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>600,000</u>	<u>10</u> %
9. Other Necessary Expenses (see Appendix B-9)	\$ <u>580,000</u>	<u>10</u> %
TOTAL:	\$ <u>5,800,000</u>	<u>100</u> %

Estimated Key Milestone Dates:

Milestones/Deliverables:	Date:
Prepare Contracts	5/1/2008
Begin Awarding Contracts	7/1/2008
Complete Contract Work Including Inspections	10/31/2012
Final Completion Date:	12/31/2013

COMMENTS: Estimate 3,000 acres of hazardous fuels reduction work to accomplish through agency contracts and Fire Safe Council Work.

APPENDIX I

LAKE TAHOE CAPITAL PROJECT PROPOSAL

Project Name: South Shore Ecosystem Restoration and Hazard Fuels Reduction **Capital Focus Area:** Fuels Reduction and Forest Health **EIP #:** 10177.08

Lead Agency: USFS - LTBMU

Contact: Scott Parsons

Threshold: Vegetation

Phone Number: (530) 543-2687

Threshold Standard:

Email Address: sparsons@fs.fed.us

Common Veg/Hazardous Fuels

Is this a multi-year Project?

Total Project Cost: \$5,800,000

(If Yes, describe in the Detailed Project Description below

Funding Request in this Round:

number of years or phases and which year the requested funding will cover) Yes

\$5,800,000

Project Summary (maximum 200 words): Conduct hazardous fuel reduction and forest ecosystem health treatments for the south shore area of the Lake Tahoe Basin. These fuel reduction treatments would cover the National Forest areas from Emerald Bay east to Stateline and focus on the Wildland Urban Interface. Proposed treatments would be accomplished through the use of agency administered contracts and through fire safe councils. These treatments would reduce the level of hazardous fuels within the defense and threat zones. This includes the use of mechanical harvesters and chainsaws for thinning to reduce live tree densities and mechanical chipping to reduce the amount of existing dead and down biomass. Included in project implementation is contract administration and project monitoring.

Detailed Project Description: This project is a continuation of approved SNPLMA Rounds 5, 6 and 7 “South Shore Hazardous Fuels Reduction and Ecosystem Restoration” projects. Starting in 2008 and continuing through 2013 hazardous fuels reduction contracts would be initiated from approved environmental analysis completed under the earlier rounds of this project. Completed contracts would reduce fuel ladders and accumulations by modifying vegetation structure and fuel loads. Contracts would also restore a healthy, diverse, fire resilient forest structure through tree thinning, and introduce prescribed fire to restore fire regimes that were historically part of the ecosystem. Existing forest vegetation and fuel accumulations in the south shore area poses a heightened risk for high intensity wildfire around private property (South Shore Landscape Assessment, 2004). The US Forest Service is directed to prioritize areas that have significant wildland fire risk to private property, watershed and wildlife habitat for fuel reduction treatments that would restore them to a healthy, diverse, fire resilient forest structure.

Describe the goals and objectives of the project: The *goals* of this project are to restore fire dependent ecosystems, enhance fire suppression capabilities, and protect life and property. The *objectives* of this project focus on Fuels Reduction and Forest Health identified in the Round 8 Request for Project Proposals. The Focus Areas addressed are: FFH-1 and FFH-2, completion of defense, threat, and general forest zone treatments identified through the Stewardship and Fireshed Assessment process and Community Wildfire Protection plans - so that health and vigor of residual trees is maintained or increased to favor the development of large tree forest structure; FFH-4, mechanical, hand thinning and prescribed fire treatment methods will be used to achieve the objectives of returning the forests of the Lake Tahoe Basin to a healthy, fire resistant condition - the existing fuel profile will be modified to reduce fuel ladders, standing and down fuel loads, and vegetation so that treated areas would be able to withstand a wind-driven wildfire event without causing significant damage to residual trees; FFH-5, where possible, biomass and small diameter forest products will be utilized from the thinning of trees; FFH-6, implementation of this project will include Public Affairs staff conducting outreach and education efforts within the Lake Tahoe Basin to help increase public understanding of fuels reduction projects; FFH-7, implementation of this project will include those treatment areas identified in the Lake Tahoe

Basin Region of the Nevada Fire Safe Council and the local Fire Protection Districts Community Wildfire Protection Plans.

Describe the anticipated project accomplishments: Complete hazardous fuels reduction contracts within defense and threat zones to reduce fuel loads and improve forest health over approximately 3,000 acres of National Forest lands.

Describe the “readiness” of this project to move forward (Environmental documentation, etc.): The environmental analysis for this project is scheduled for completion in September 2007. Project implementation is scheduled to begin in the summer of 2008.

Describe partnerships for this project. (Include documentation): This project will partner with the Tahoe Regional Planning Agency (TRPA), Lake Valley Fire Protection District, South Lake Tahoe Fire Department, Fallen Leaf Fire Department, and the Lake Tahoe Basin Region of the Nevada Fire Safe Council for the implementation of a portion of the Tahoe Basin Wildfire Threat Reduction Program.

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

(1) The questions the monitoring program is designed to answer

There is no specific monitoring program identified currently for this project, although it is expected that between 3 to 4% of the total \$\$ requested could be spent on monitoring. The monitoring program will be developed as a part of the NEPA document. The NEPA document will identify the implementation and cause and effect monitoring questions that should be answered as part of the project, and recommended monitoring efforts.

(2) The monitoring approach

The monitoring approach will be identified in the completed NEPA document. An adaptive management monitoring approach will be used to monitor implementation and effectiveness of the project. This monitoring will involve data collection before, during and after the project.

(3) Whether this project monitoring fits in to a larger monitoring or research program?

Current examples of the types of monitoring questions addressed and past efforts initiated related to Fuels Reduction Projects can be found in the LTBMU 5 Year Monitoring Plan. This includes forest level BMP implementation and effectiveness monitoring, and project level effects monitoring of changes to soils, vegetation structure and composition, and fuel loading. There have also been a recently completed and one ongoing research project examining the effects of fuels reduction practices and fire on water quality.

Monitoring and research opportunities to augment and complement these existing efforts will be evaluated and determined through the NEPA process. Funding for monitoring identified in the NEPA decision could be come from other sources in addition to dollars available in this project proposal.

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

Results and accomplishments will be summarized in the Annual Forest Monitoring Program Report, as well as project specific monitoring reports. Project specific monitoring reports will be 1 to 5 years post project implementation, depending on variables being monitored.

Round 8 SNPLMA Capital Project Supplemental Information:

All projects must have the following minimum criteria to be considered:

1. **Qualify as an Environmental Improvement Program (EIP) project and be the responsibility of the federal government:** Project EIP # 10177.08
2. **Have a willing and ready federal sponsor:** Federal sponsor is the USDA Forest Service

Projects must fit (be consistent with) into one of the focus areas and associated programs from the June 2006 Federal Vision: This project fits into the Fuels and Forest Health Focus Area and is further explained under the “Description of the Goals and Objectives of the Project” section of this proposal.

Other Considerations:

Projects that demonstrate a cumulative benefit because they are adjacent to, or enhanced by, other EIP projects: As this project will implement a portion of the Tahoe Basin Community Wildfire Protection Plans (CWPP), there will be cumulative benefits as projects will be proposed and implemented on National Forest land adjacent to work that either will be ongoing or is proposed on adjacent non-federal ownerships. Forest health and hazardous fuels reduction treatments will be accomplished across ownership boundaries so that a seamless desired condition will be implemented.

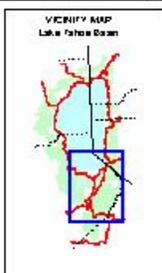
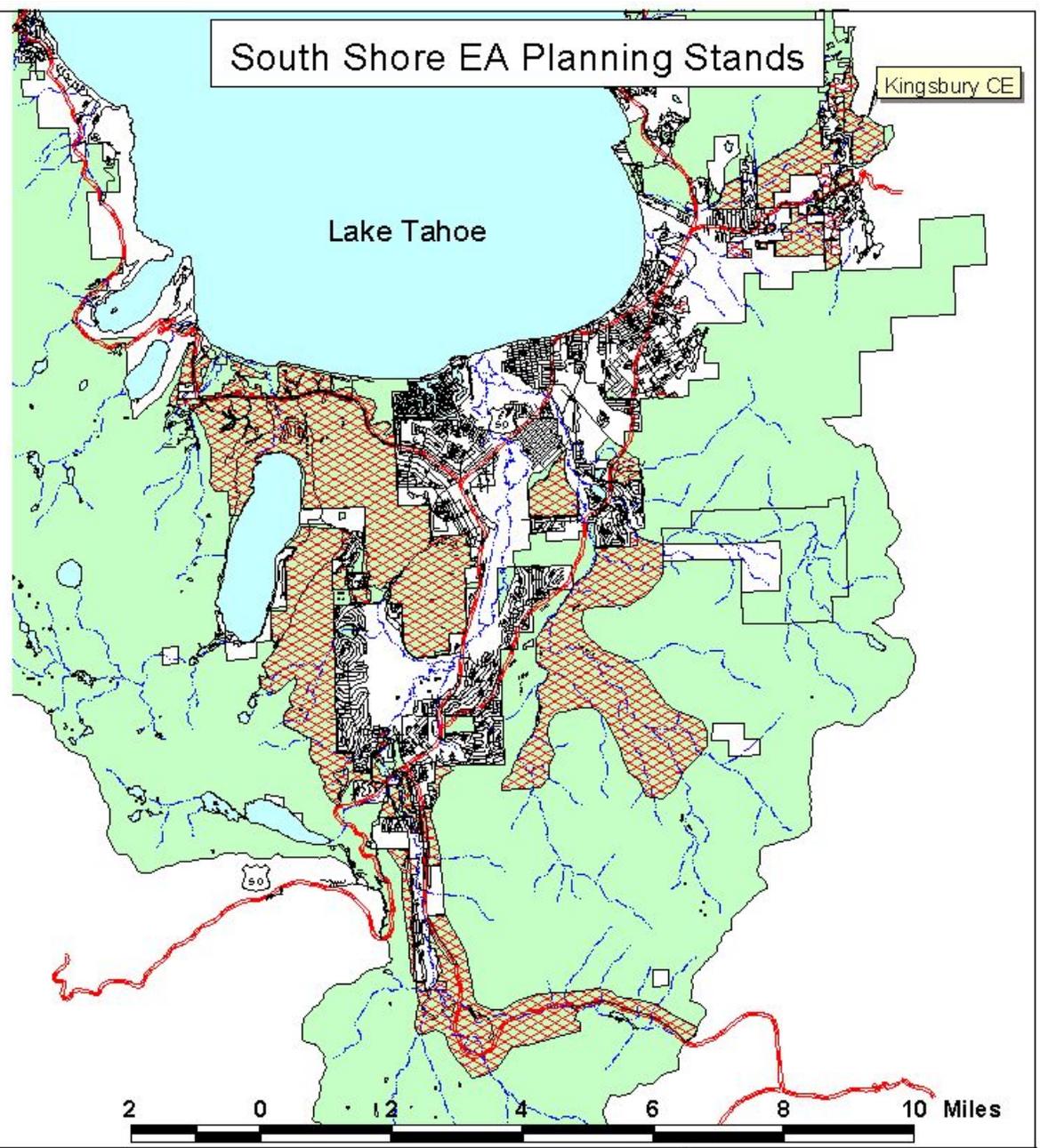
Projects that include a cost-share component from State, local or private sources: As treatment areas under this project are part of the CWPP, state and local funding obtained from National Fire Plan grants will assist in the treatment of adjacent areas on non-federal lands as described above.

Projects that are continuing phases of previously approved SNPLMA projects: This project is a continuation of approved Round 5, 6 and 7 projects titled South Shore Hazardous Fuels Reduction and Ecosystem Restoration. Approval of this proposal will enable the implementation of hazardous fuels reduction projects initiated under the previous Round 5, 6 & 7 projects for the improvement of forest health and the reduction of hazardous fuels conditions around the Lake Tahoe Basin.

South Shore EA Planning Stands

Kingsbury CE

Lake Tahoe



- Planning Stands
- National Forest
- Other
- Local Road
- Streamcourse



USDA Forest Service
Lake Tahoe Basin Management Unit

This map is a planning tool and does not represent a final decision. It is intended to provide information to the public and to the Forest Service. It is not intended to be used for legal purposes. The Forest Service is not responsible for any errors or omissions in this map. For more information, contact the Forest Service at (775) 784-2100.