

Appendix B-8

LAKE TAHOE RESTORATION PROJECTS ESTIMATED DIRECT COSTS & KEY MILESTONE DATES

Project Name: Prescribed Fire Treatment Agency: USFS-LTBMU
 Prepared by: Mark Johnson Phone: 530 543-2658 EIP #: 10179.205
 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>140,000</u>	<u>14</u> %
2. Direct Labor (Payroll) to Perform the Project	\$ <u>360,000</u>	<u>36</u> %
3. Project Equipment (tools, software, specialized equipment, etc.)	\$ <u>70,000</u>	<u>7</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.)	\$ <u>10,000</u>	<u>1</u> %
5. Official Vehicle Use (pro rata cost for use of Official Vehicles when required to carry out project)	\$ <u>50,000</u>	<u>5</u> %
6. Cost of Contracts, Grants and/or Agreements to Perform the Project	\$ <u>220,000</u>	<u>22</u> %
7. Other Direct Costs (direct labor for agency personnel to do project procurements; monitoring , 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>50,000</u>	<u>5</u> %
8. Indirect Costs	\$ <u>100,000</u>	<u>10</u> %
TOTAL:	\$ <u>1,000,000</u>	<u>100</u> %

Estimated Key Milestone Dates:

Milestones/Deliverables:	Implementation Range:
South Shore Hazard Reduction Project (Prescribed Burning Phase)	09/2008 – 11/2013 (approx 850 ac/yr)
Round Hill Project (Prescribed Burning Phase)	09/2008 – 9/2010 (approx 300 ac/yr)
Urban Lot Hazard Reduction Project (Prescribed Burning Phase)	09/2008 – 9/2010 (approx. 100 ac/yr)
Prescribed Burning Phase following treatments identified from the Stewardship and Fireshed Assessment process	09/2009 – 9/2014 (approx. 525 ac/yr)

COMMENTS:

APPENDIX I

LAKE TAHOE CAPITAL PROJECT PROPOSAL

Project Name: Prescribed Fire Treatment **Capital Focus Area:** Fuels Reduction and Forest Health **EIP #:** 10179.205

Lead Agency: USFS - LTBMU **Contact:** Mark Johnson

Threshold: Vegetation Threshold **Phone Number:** (530) 543-2658
Standard: Common **Email Address:** mgjohnson@fs.fed.us

Standard: Common Veg/Hazardous Fuels **Email Address:** mgjohnson@fs.fed.us

Is this a multi-year Project? (If “Yes”, describe in the Detailed Project Description below number of years or phases and which year the requested funding will cover) **Total Project Cost:** \$1,000,000
Funding Request in this Round: \$1,000,000

Yes
Project Summary (maximum 200 words):
 Implementation of prescribed fire treatments.

Detailed Project Description:

This activity will cover the National Forest areas and would focus on the Wildland Urban Interface. Slash pile burning and underburning will be conducted under the appropriate and approved prescription of weather, fuel and implementation resources. Constraints related to slope and access will dictate prescribed fire treatment methods. Prescribed burning will follow fuel treatment projects that involve the use of mechanical harvesters and or chainsaws. Implementation dates at each project location will begin approximately 1 year following the completion of vegetation treatment and ecosystem restoration projects.

Describe the goals and objectives of the project:

The goals of prescribed fire treatments are to reduce fuel loadings, enhance fire suppression capabilities and protect life and property. An additional goal of underburning is the restoration of a fire dependent ecosystem.

The objectives of this project are aligned with the Project Objectives that are identified in the following Round 8 Request for Project Proposals:

FFH-1 and FFH-2: Completion of Defense, Threat and general forest zone treatments identified in the Stewardship and Fireshed Assessment process and the Community Wildfire Protection plans.

FFH-4: Use mechanical, hand thinning and prescribed fire treatment methods to achieve the objectives of returning the forests of the Lake Tahoe Basin to a healthy, fire resistant condition.

FFH-6: Support outreach and education projects to assist in public and agency understanding and acceptance of these projects and the short and long term impacts of implementation or lack of implementation of the projects.

FFH-7: Support the Lake Tahoe Basin Region of the Nevada Fire Safe Council and local Fire Protection District implementation of the projects identified in their Community Wildfire Protection Plans.

Describe the anticipated project accomplishments:

Implement approximately 9450 acres of prescribed fire treatment methods within the following projects: Kingsbury Fuel Reduction Project, South Shore Hazard Reduction, Slaughterhouse, Roundhill, Quail, Urban Lot Hazard Reduction, and additional treatments identified from the Stewardship and Fireshed Assessment process

Describe the “readiness” of this project to move forward (Environmental documentation, etc.): Project Environmental Documentation Status

Kingsbury Fuel Reduction Project	completed 2006
Slaughterhouse Veg and Fuels Treatment Project	completed 2005
Quail Veg and Fuels Treatment Project	completed 2005
South Shore Hazard Reduction Project	scheduled completion 2007
Round Hill Project	scheduled completion 2008
Urban Lot Hazard Reduction Project	completed 2002.
Stewardship and Fireshed Assessment projects	scheduled completion 2009

Describe partnerships for this project. (Include documentation): Lake Tahoe Regional Fire Chiefs Association membership, Nevada and California Fire Safe Councils, Tahoe Regional Planning Agency, Applicable air pollution control jurisdictions.

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

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

Currently no specific monitoring questions have been developed related to prescribed fire activities. Monitoring related to fire activities has been identified in the completed NEPA documents for the Quail, Slaughterhouse, and Urban Lots projects related to vegetation, soil, and air quality impacts from prescribed fire activities. However specific monitoring plans for these projects have not yet been developed. Monitoring plans for projects in which NEPA decisions have been completed, are scheduled to be completed by spring of 2007, in order to implement pre-project monitoring.

(2) The monitoring approach

The specific monitoring approach is yet to be defined, but will be described in the completed monitoring plans. Complete monitoring plans identifying the implementation and cause and effect monitoring questions to be answered will be included in future NEPA documents.

(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 prescribed fire can be found in the LTBMU 5 Year Monitoring Plan. Complete descriptions of monitoring for these specific projects is not currently reflected in the Plan, but will be included in the next update scheduled for mid-year 2007, and as NEPA documents and monitoring plans are completed. Out of the ten treatment units monitored in the Uplands Fuels Reduction Monitoring Project, three are contained within the Quail Project and three are contained within the Kingsbury project. So far only one year of pre-project data has been collected. A final decision regarding future monitoring of these stands is still to be determined.

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

Project implementation and results will be communicated to the public through public meetings, web site and press releases coordinated through the Public Affairs staff. Monitoring results and accomplishments will be summarized in the Annual Forest Monitoring Program Report, as well as project specific monitoring reports.

Prescribed Fire Treatment

