

## Appendix B-8

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

Project Name: West Shore (Quail) Hazardous Fuels Reduction and Ecosystem Restoration Agency: USFS – LTBMU  
 Prepared by: Scott Parsons Phone: 530-543-2687 EIP #: 10176.105  
 SNPLMA Project #: \_\_\_\_\_

**Identify estimated costs of eligible reimbursement expenses:**

<p><b>1. Planning, Environmental Assessment and Research Costs</b> (specialist surveys, reports, monitoring, data collection, analysis, NEPA, etc.)</p>	\$ <u>21,000</u>	<u>2</u>	%
<p><b>2. Direct Labor (Payroll) to Perform the Project</b></p>	\$ <u>27,000</u>	<u>2</u>	%
<p><b>3. Project Equipment</b> (tools, software, specialized equipment, etc.)</p>	\$ _____	_____	%
<p><b>4. Travel</b> (including per diem where official travel status required to carry out project, such as serve as COR, experts to review reports, etc.)</p>	\$ _____	_____	%
<p><b>5. Official Vehicle Use</b> (pro rata cost for use of Official Vehicles when required to carry out project)</p>	\$ <u>7,000</u>	<u>1</u>	%
<p><b>6. Cost of Contracts, Grants and/or Agreements to Perform the Project</b></p>	\$ <u>970,950</u>	<u>73</u>	%
<p><b>7. Other Direct Costs</b> (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)</p>	\$ <u>300,000</u>	<u>23</u>	%
<b>TOTAL*:</b>	\$ <u>1,325,950</u>	<u>100</u>	%

**Estimated Key Milestone Dates:**

Milestones/Deliverables:	Date:
<b>Prepare Contract</b>	<b>12-1-2005</b>
<b>Award Contract</b>	<b>4-1-2006</b>
<b>Complete Contract Work Including Inspections</b>	<b>10-15-2009</b>
Final Completion Date:	<b>12-31-2010</b>

**COMMENTS:** Estimate 690 to 899 acres (second phase) of mechanical hazardous fuels reduction work to contract.

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## Appendix I-2 GENERAL TAHOE PROJECT PROPOSAL

**Project Name: West Shore (Quail) Hazardous Fuels Reduction and Ecosystem Restoration**

EIP # 10176.105

**Lead Agency: USFS - LTBMU**

**Contact: Scott Parsons**

**Phone Number: 530-543-2687**

**Threshold: Vegetation (V)**

**Email Address: [sparsons@fs.fed.us](mailto:sparsons@fs.fed.us)**

**Threshold Standard:** Common Veg/Hazardous Fuels

**Total Project Cost: \$1,325,950**

**Round 6 Funding requested: \$1,325,950**

**Is this a multi-year project? Yes**

**Project Description:** Conduct hazardous fuel reduction and forest ecosystem health treatments for the west shore area of the Lake Tahoe Basin. These fuel reduction treatments would cover the National Forest areas from Emerald Bay north to Blackwood Canyon and would focus on the Urban Wildland 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 the use of prescribed burning and mechanical chipping to reduce the amount of existing dead and down biomass. Included in project implementation is contract administration and project monitoring.

**Describe the purpose and need for the project:** Reduce fuel ladders and accumulations by modifying vegetation structure and fuel loads; restore to 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 west shore area poses a heightened risk for high intensity wildfire around private property (Quail Environmental 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 will restore them to a healthy, diverse, fire resilient forest structure.

**Describe the goals and objective of the project (for Science & Research Projects describe Key Management Questions being addressed):** The *goals* of this project are to restore fire dependent ecosystem, enhance fire suppression capabilities, and protect life and property. The *objectives* of this project are to designate defense and threat zones boundaries of the urban wildland intermix zone; modify the existing fuel profile 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 with flame lengths less than 4 feet in defense and 6 feet in threat zones; thin stands of trees so that growth and vigor of residual trees is maintained or increased to favor the development of large tree forest structure.

**Describe the anticipated project accomplishments:** Implement defense and threat zones with reduced fuel load over 899 acres of National Forest lands. Actual acreage accomplishments may be closer to 690 acres due to increased contract unit costs from increased fire restrictions and higher treatment cost per acre.

**Describe the “readiness” of this project to move forward (environmental documentation, etc.):** The environmental analysis for this project is scheduled for completion in December 2004. Project implementation is scheduled to begin in the fall of 2005.

**Describe partnerships for this project (include documentation):** This project will partner with the Tahoe Regional Planning Agency (TRPA), the Meeks Bay and North Tahoe Fire Protection Districts along with the Tahoe-Basin Fire Safe Council for the implementation of a portion of the Tahoe Basin Wildfire Threat Reduction Program.

**For non-Science & Research Projects (i.e. restoration, planning efforts etc.)** describe the anticipated project effectiveness monitoring program for use with adaptive management framework: This project will monitor soil and water quality effects from fuels reduction and forest health improvement activities. Best Management Practices effectiveness monitoring will be utilized to determine soil and water quality effects.

# Quail Fuel Hazard Reduction Project

