

Plumas County Fire Safe Council



INDIAN FALLS HAZARDOUS FUEL REDUCTION PROJECT

Project Prospectus

The Indian Falls Hazardous Fuel Reduction Project (IFHFR) was developed as part of the Plumas County Fire Safe Council's (PFSC) strategy to reduce hazardous fuel conditions surrounding communities at risk. The project is located in the general Indian Falls area, T25N, R9E, Sections 3 and 9, MDM in Plumas County. Access is gained from State Highway 89 and associated county and private roads. Approximately 44.0 acres have been identified for treatment using hand applications. This prospectus is intended to solicit potential contractors interested in performing hazardous fuel reduction tasks to the specifications provided below.

Project funding has been provided by HR 2389, Title II funds.

Contract Term and Timing of Operations:

Operations shall begin by agreement following contract execution with completion no later than **June 30, 2006**.

Operations shall be conducted during daylight hours beginning no sooner than 7:00 am each working day.

Treatment Area Designation:

A Registered Professional Forester (RPF) or supervised designee has identified all treatment areas on the ground. Each treatment area is flagged with surveyors' ribbon. Color codes and significance are as follows:

Solid Red: Property Boundary, do not cross.

Solid Yellow: Delineation between designated "steep" unit where it exists within another treatment unit.

Nine property owners are participating with this project. Individual parcel boundaries have been established with red flagging. Operations shall not extend beyond the red flagged boundary unless another participating parcel exists immediately adjacent.

Treatment:

One treatment method, hand thinning, will be utilized within the IFHFR. This method was designed to meet the PFSC objective, minimize environmental impact and effectively treat hazardous fuel conditions. As a prospective contractor, you are encouraged to submit a bid to complete all or individual project items. Please provide details of how you will conduct your operations and time line for completion. Your bid will be reviewed by an RPF (Brian Wayland, RPF #2396) who will then discuss potential operator(s) with the appropriate PFSC representative to determine the successful bidder. The RPF and PFSC reserve the right to reject any or all bids.

Treatment is as follows:

Item #A, Hand Thinning, (slopes <45%) Approximately 30.5 acres:

The hand thinning designation shall treat vegetation utilizing chainsaw, hand tools or other agreed upon manual methods. The contractor shall cut and remove designated vegetation to reduce the fuel load, modify vegetative density and arrangement for fire hazard reduction. Conifers and other vegetative species are designated for treatment within this item. All chaparral species including, but not limited to manzanita and ceanothus, shall be included. Operations shall clear chaparral to create an effective fuel break. Conifers within the treatment area shall be thinned and pruned as follows:

The desired spacing between trees shall be:

<u>Tree Size, DBH</u>	<u>Maximum Spacing</u>
0"- 4"	7'
5"- 8"	12'
>8"	No Treatment

Tree foliage/canopy shall not overlap and have a distinct break between tree crowns.

Treatment shall remove all dead, diseased, dying or suppressed trees of any species. Trees shall be severed no higher than 4" above ground, measured from the upper side of the tree. Once felled, each tree shall be bucked to manageable lengths, if necessary, and disposed of by chipping.

If requested by the landowner, tree segments greater than 4" small end diameter may be bucked into 4' lengths and stacked for personal firewood use by the landowner only.

Pruning: Trees retained following thinning shall be pruned to a height of 7-8 feet, not to exceed ½ of the total tree height. All cut branches shall be removed to a designated disposal site for chipping.

Chipping for Disposal

Approximately 30.5 acres is accessible by hand fed chipping equipment. All material treated during operations shall be disposed of by chipping only. Chips may be removed from the site or blown evenly across the ground during operations. At no time shall concentrations of chips exceed six (6) inches in depth or be concentrated into a pile or piles. Any forest products generated from operations shall remain the property of the Plumas Corporation. The contractor shall not remove or sell any products from this project to defer costs or generate income in any way.

Item A Unit Breakdown

Unit #	Acreage
2	7.0
6	8.0
7	3.0
8*	0.5*
9*	4.0*
10	3.0
11	2.0
12	1.0
13	2.0
Total	30.5 acres

Item #B, Hand Thinning, (slopes >45%) Approximately 13.5 acres:

The hand thinning designation shall treat vegetation utilizing chainsaw, hand tools or other agreed upon manual methods. The contractor shall cut and remove designated vegetation to reduce the fuel load, modify vegetative density and arrangement for fire hazard reduction. Conifers and other vegetative species are designated for treatment within this item. All chaparral species including, but not limited to manzanita and ceanothus, shall be included. Operations shall clear chaparral to create an effective fuel break. Conifers within the treatment area shall be thinned and pruned as follows:

The desired spacing between trees shall be:

<u>Tree Size, DBH</u>	<u>Maximum Spacing</u>
0"- 4"	7'
5"- 8"	12'
>8"	No Treatment

Tree foliage/canopy shall not overlap and have a distinct break between tree crowns.

Treatment shall remove all dead, diseased, dying or suppressed trees of any species. Trees shall be severed no higher than 4" above ground, measured from the upper side of the tree. Once felled, each tree shall be bucked to manageable lengths, if necessary, and disposed of by chipping.

If requested by the landowner, tree segments greater than 4" small end diameter may be bucked into 4' lengths and stacked for personal firewood use by the landowner only.

Pruning: Trees retained following thinning shall be pruned to a height of 7-8 feet, not to exceed 1/2 of the total tree height. All cut branches shall be removed to a designated disposal site for chipping.

Burn Pile Construction: Where slopes do not allow chipping operations, all material treated during operations shall be piled for burning. The contractor is responsible for burning of all piles created during operations. Burn piles shall be tightly constructed, free of dirt and non-combustible materials, in a manner that allows full, safe consumption. Piles shall be 1.5 times higher than their width and not exceed six feet (6') in height. Following construction, each pile shall have a one (1) foot wide fire line constructed two (2) feet from its ground edge encompassing the entire pile perimeter. Each fire line shall be cleared of all burnable material to mineral soil. Duff and litter removed during fire line construction shall be placed into the burn pile. The top portion and no less than one side of each pile shall be securely covered with a durable waterproof barrier to maintain dry conditions for winter burning.

Existing burn piles generated as part of the Indian Falls Hazardous Fuels Reduction Demonstration project remain in the vicinity of the current project treatment areas. These existing piles shall be burned with piles generated from current operations.

Item B Unit Breakdown

Unit#	Acreage
1	8.5
3*	1.3*
4	1.5
5	2.0
Total	13.5

**** UNITS #3, 8, 9: These units subject to possible removal from project. Units #3, 8, and 9 to be included pending contract and encroachment permit approval from CalTrans.***

Pre-Work Meeting: Prior to operations, the contractor shall meet with Wayland Resource Management representatives to discuss operations and designate burn pile locations.

Method of Payment:

The contractor may submit an invoice to the Plumas Corporation twice monthly for work completed. Payment shall be made following conformation of work completion and acceptance of work by the supervising RPF.

Bidding Requirements:

Small signs posted on lath will identify each treatment unit in the project area. A written description of access routes to each treatment unit is included, and treatment units can be visited by prospective bidders between the hours of 8am and 7pm, Monday through Friday, until the bid closes on the date provided below. The RPF will be available on *Friday, April 14, 2006 at 8am* at the Indian Falls turnoff if any prospective bidder desires further information or clarification of treatment unit locations.

Bid Date

The contractor shall provide a lump sum bid by Item for this project to Brian Wayland, P.O. Box 374, Quincy, CA 95971 no later than **April 21, 2006 at 5:00 PM**.

