

0	<b>Admin Section</b>			

1	<b>Proposal Cooperator [ID]</b>					
	Cooperator Organization:	Clearwater-Potlatch Timber Protective Association (CPTPA)				
	Contact Person:	Isaac Hull				
	Address:	10250 HWY 12				
	City:	Orofino	State:	ID	ZIP Code:	82544
	Phone:	208-476-5612	Email:	ihull@cptpa.idaho.gov		

1	<b>Applicant Information [ID]</b>					
	Applicant:	Idaho Department of Lands				
	Contact Person:	Tyre Holfeltz				
	Address:	3284 West Industrial Loop				
	City:	Coeur d' Alene	State:	ID	ZIP Code:	83815
	Phone (work/cell):	2086668653/2088199340	Fax:	208-669-1524		
	Email:	tholfeltz@idl.idaho.gov				
Federal Tax Id:	82-6000952	DUNS#:	878072685			

2	<b>Project Information</b>			
	Name of the Project:	New Hope Fuels Reduction		
	Community Name(s):	New Hope		
	Counties:	Clearwater		
Congressional District:	1			

2	<b>GIS Coordinates</b>			
	Ref. Point Name:	New Hope		
	Lat/Long:	46.5158, -116.3651		
Description:	Center of project			

<b>Applicant Budget [ID]</b>					
	<b>Grant</b>	<b>Match</b>		<b>TOTAL</b>	
	<b>Funds Requested</b>	<b>Applicant</b>	<b>Non-Federal Contributors</b>	<b>Total Project Cost</b>	
<b>3</b>	<b>Personnel / Labor:</b>	\$30,000		\$24,000	<b>\$54,000</b>
	<b>Fringe Benefits:</b>				
	<b>Travel:</b>	\$7,727			<b>\$7,727</b>
	<b>Equipment:</b>				
	<b>Supplies:</b>				
	<b>Contractual:</b>	\$240,000			<b>\$240,000</b>
	<b>Other:</b>		\$271,000	\$5,000	<b>\$276,000</b>
	<b>Indirect Costs:</b>	\$22,273			<b>\$22,273</b>
	<b>TOTAL:</b>	<b>\$300,000</b>	<b>\$271,000</b>	<b>\$29,000</b>	<b>\$600,000</b>

<b>Budget Narrative</b>	
<b>4</b>	<p>-Personnel/Labor - \$30K is for Idaho Dept of Lands (IDL) to administer sub-grant with Clearwater Potlatch Timber Protective Association (CPTPA), including: fiscal oversight, technical &amp; project support, project inspection and grant reporting.</p> <p>-Travel - \$7,727 for IDL to travel to and from project sight at established State Fleet Motor Pool rates.</p> <p>-Contractual - \$240K will be sub-granted to CPTPA who will implement, administer (\$2,500) and manage (\$5,500) all activities on 103 acres using staff and owned equipment. CPTPA will use a 10 man crew to implement prescriptions and chip the cut material (apx \$2,000/day or 58 days/yr for 2 years).</p> <p>-Indirect - \$22,273 is for negotiated rate between USFS and IDL.</p>

<b>Project Area Description and Challenges</b>	
<b>5</b>	<p>The New Hope project is located outside of Orofino, ID on the Clearwater River in northern Idaho. The area is characterized by exceptionally steep and narrow river incised canyons, with side draws that are filled with Rocky Mtn. Maple, Ninebark, Black Hawthorne and Oceanspray brush; continuous uninterrupted south and west facing slopes of grasses (fescue, rye, cheatgrass and yellow star thistle); and finally, mixed conifer forests (Ponderosa Pine and Douglas fir). Fires occur regularly within the project area with 16 starts occurring over the last 35 years, each with a high potential to be catastrophic due to fuels, slope, topography and local weather drivers. It is only a matter of time before the area experiences another wildfire like the Clearwater Complex ( 1100 Acres) of 2015 that resulted in 100's being evacuated and 11 homes destroyed. One of the greatest obstacles for fire responders is that roads and driveways are overgrown to the point of inaccessibility.</p> <p>The goal of this project is to complete work in the target community of New Hope (~50 homes). Project work will focus on tree thinning, brush removal, herbicide application, and chipping, to establish 83 acres of fuelbreaks around the development, and 20 acres of defensible space/improved access within the development. The project will provide for safer evacuation of residents because of reduced roadside vegetation along with improved safety for wildland fire responders as a result of the reduced vegetation density leading up to and around structures.</p>

<b>Relation to Forest Action Plan   CWPP</b>	
<b>6</b>	<p>The New Hope area has been identified as a "High Priority Ranking" area for fuels reduction/defensible space projects in the 2011 Clearwater County Community Wildfire Protection Plan. The completion of this project will improve ingress/egress for community members during evacuations through the reduction of fuels as stated in the CWPP. The project is also found in the St. Joe/ Clearwater priority area within the Idaho Forest Action Plan (FAP). This area is characterized as being moderate-high to high for forest health risks and high to very high for uncharacteristic wildfire. One of the priority area strategies tiers to Goal 1 of the FAP with the objective of implementation of CWPP priorities. More specifically, to remove hazard fuels to reduce wildfire threat to area developments and improve forest resiliency to human activities. The project outcomes will reduce fuel loading as directed in the FAP through the completion of fuel breaks and fuels removal efforts leading into and around community structures.</p>

## Proposed Activities

All treatments will follow a site specific prescription written by Clearwater Potlatch Timber Protection Association (CPTPA) staff based on site conditions, topography and landowner approval. CPTPA will utilize their 10 person crew and equipment to implement prescriptions using hand operations, including: chainsaw work, piling, chipping, and herbicide spraying.

New Hope is accessed by a single ingress/egress route that splits into a loop road through the development. On the lower road section of the loop work will be completed on 15 properties, reducing brush density and ladder fuels. Specific focus will be brush management within 100' of road edge (10 acres). First 20' will be total elimination of brush, next 80' reduce the brush by 50% or more. Herbicide will be applied to cut stumps to inhibit brush re-sprout/re-establishment. For long driveways leading to homes that tie into below d-space work, similar prescriptions as listed above for roadside efforts will be used with the exception of being bound by property boundaries. Linking the roadside work to the d-space work will be done strategically to establish a fuelbreak for the structures on the lower section of the loop road similar to that of onion layers.

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For the upper section of the loop road, treatment will be within the mixed conifer forest to establish a shaded fuelbreak (73 acres) through thinning and limbing of trees. Specifically, limbing up 10' or 1/3 of the original height of tree. 20' to 40' of crown spacing between leave trees depending on slope. Will also include removal of brush from under residual tree crowns. All slash 6" or less in these treatment areas will be chipped.

For defensible space (20 acres) treatments will be out to 200 where available. Specifically, for d-space treatments all vegetation within 3-4 of homes will be removed. Within 30 of homes all vegetation will be reduced by at least 50% to inhibit fire transmission from vegetation to structure. From 30'-200' site characteristics, to include existing vegetation, slope and adjoining development, will determine prescription. Generally, brush will be reduced by 50% and trees will be limbed and thinned to the above prescriptive standards.

Landowners in the target community have been calling CPTPA seeking assistance to complete the above described work. Project work will be initiated as soon as funding is available.

## Landscape

Over the last 10 years the Nez Perce Tribe has been working to reduce wildfire risk through fuels management around the community. The proposed project is intended to compliment the Sunnyside RFD-New Hope Subdivision project (130.5 acres in four treatment units around the community). Specifically, proposed project treatments will tie into their efforts thus expanding the overall size and scale of treated area. Additionally, the proposed work will be done to expand upon d-space projects completed by the local Youth Conservation Corp (YCC) over the last 3 years. Their efforts have created an air of excitement and a demand for services in New Hope that exceeds their current capacity. Funding from this project will provided the needed assistance and man power through CPTPA to meet that demand. This in turn will allow the YCC to assist other communities within the area by engaging in wildfire preparedness (d-space) and education in other at risk communities in the area.

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## Project Collaboration

-Sunnyside Rural Fire Department (SRFD) (\$6K) - have been and will continue to be the lead in contacting landowners to conduct wildfire risk reviews, provide education and facilitate/host community meetings.

-IDL will contribute over match funds (\$271K) from the consolidated payments associated with Forestry and Fire Assistance in support of non-federal landowners. Additionally, leverage will provided thru technical assistance, meeting facilitation/attendance and landowner education.

-Clearwater Potlatch Timber Protective Association (\$5K) non-grant funded indirect costs, staff time, vehicle expenses and machine use

-Landowners (\$18K) - Participation in non-grant funded vegetation removal around residences and participation in community education meetings hosted by local fire service.

-Youth Conservation Corp (\$10K-Leverage) completion of d-space and education

-Nez Perce Tribe (\$100K-Leverage) - completion of and maintenance of treatments around community.

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## Project Timeline

-Winter 2019/2020 - SRFD begins communications with landowners about project and begins site surveys. CPTPA completes 50% of parcel prescriptions.

-Spring/summer 2020 - CPTPA personnel begin fuels reduction treatments on lower section of loop road (start/finish 10 acres roadside, 10 acres d-space) and begin shaded fuelbreak in upper section of loop road (20 acres).

-Summer/Fall 2020 - seasonal shutdown for wildfire

-Winter 2020/2021 CPTPA completes remaining 50% of parcel prescriptions.

Spring/summer 2021 - CPTPA personnel finish d-space (10 acres), continue working on shaded fuel break in upper section of loop road (30 acres)

-Summer/Fall 2021- seasonal shutdown for wildfire

-Spring 2022 - CPTPA personnel complete shaded fuelbreak in upper section of loop road (23 acres)

-Winter 2022 - Complete reporting enter monitoring phase of project.

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## Project Sustainability

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Regrowth after treatment will vary due to the variability of vegetation across project. Generally, maintenance will be require every 3-5 years through removal, spraying, mowing, trimming, pruning or grazing of brush sprout and conifer re-establishment. Private property owners who participate in the program sign a contract obligating them to maintain the work for a period of 10 years or until the property changes hands. Education on maintenance will be given prior to sign up and at project completion through the joint efforts of CPTPA and the Sunnyside fire department, which will utilize 'Firewise' and 'Idaho Firewise' educational materials to highlight responsibilities to keep the project maintained in a similar state as at project completion. Additionally, emphasis will be given to structure maintenance with focusing on pine straw management, gutters free from debris, and yard/outdoor living space debris/veg management. Idaho Department of Lands will monitor compliance through a sampling of past and current project sites specifically visiting this project at least twice during the monitoring period. Additionally, the fire department and CPTPA will monitor on an annual basis. If problems arise landowners will be reminded by the CPTPA and the fire department of their obligations through written and verbal communication.