

0	<b>Admin Section</b>			

1	<b>Proposal Cooperator [ID]</b>			
	Cooperator Organization:	Nez Perce County		
	Contact Person:	Doug Nelson: Nez Perce County Fire Mitigation Coordinator		
	Address:	% of Margie Kinzel, Nez Perce County, P.O. Box 896		
	City:	Lewiston	State:	ID      ZIP Code: 83501
	Phone:	208-451-5089	Email:	dougnelsonforester@gmail.com

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):	208-666-8653	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:	Peck Pre-Attack Project	
	Community Name(s):	Peck & Big Canyon Creek	
	Counties:	Nez Perce and Lewis Counties	
Congressional District:	1		

2	<b>GIS Coordinates</b>	
	Ref. Point Name:	Peck Townsite
	Lat/Long:	46.4773, -116.4243
Description:	City of Peck project work will be in general area	

<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>		\$276,000		<b>\$276,000</b>
	<b>Indirect Costs:</b>	\$22,273			<b>\$22,273</b>
	<b>TOTAL:</b>	<b>\$300,000</b>	<b>\$276,000</b>	<b>\$24,000</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 Nez Perce and Lewis Counties, to include, fiscal oversight, 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 Nez Perce County who will expend funds through staff and contracted services to administer and manage contract activities on 182 acres. They will do so through landowner interaction, project layout, contract administration, contract inspection, reimbursement requests and reporting.</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 City of Peck and Big Canyon Creek Community are located in North Central Idaho in the Clearwater River Basin. The area is characterized by rolling farm country with deeply incised canyons. To maximize agricultural potential, homes and communities are built on the canyon rims and bottoms. The canyons found in this area are very rugged with slopes averaging 70% and normally 3000 foot elevation changes from the agriculture ground to the Clearwater River in the canyon bottoms. Fire exclusion and past land-use practices including logging, mining and ranching have changed plant community succession in these canyons resulting in shifts in species composition and fire regimens. Much of the forest type found on north and easterly slopes is now occupied by shade tolerant Grand fir mixed with dense stands of Ponderosa Pine, Douglas fir and Western Larch, all of which have high mortality rates due to drought, insect, and disease stress. The south and westerly slopes have been overrun by yellow star thistle and non-native grasses, which have shown to increase rates of spread during fire events. This area has seen a significant increase in fire occurrence and size, and has become more susceptible to uncharacteristic high intensity fires, as evidenced by the Clearwater Complex fires of 2015. The goal of this project is to buffer the Peck town site and surrounding Big Canyon Creek community to protect area residents, infrastructure, and property. This will be done by reducing fuels along existing roads and natural barriers to creating fuel breaks, increase safety for resident evacuation and tactical engagement of wildfire.</p>

<b>Relation to Forest Action Plan   CWPP</b>	
<b>6</b>	<p>The Idaho Forest Action Plan rates the relative risk to communities in the Peck area as moderate to high for uncharacteristic wildland fire. The Nez Perce County All Hazard Mitigation Plan, which contains Nez Perce County's CWPP, lists this project as a priority to protect homes, lives and natural resources. This project is designed to help protect individual homeowners' property, critical transportation routes, timber, soils, native plants, fish, wildlife, recreation opportunities, and cultural values for the Nez Perce Tribe, Nez Perce County and Lewis County. The project will meet objectives of the State Forest Action Plan, All Hazard Mitigation Plan and CWPP by: creating fire resistant forest stands on the uplands and isolating canyons to reduce firefighter exposure to risk with predetermined fire lines, providing safer escape routes for the residents of Peck and the surrounding community, reduce fuel concentrations around residences within the town site of Peck--increasing probability of structures surviving a wildfire event, and collectively improving resident and firefighter safety.</p>

## Proposed Activities

The project will treat 182 acres to establish pre-attack control lines in order to check the spread of future wildfires into and around the town of Peck and the residents of Big Canyon. This work includes private, City of Peck, and Nez Perce County properties. Treatments will be done to establish fuel breaks between forested uplands and adjacent home-sites along Big Canyon Road and the perimeter of the Peck town-site. Projects funded by this grant will consist largely of establishing fuel breaks along existing roads between forested uplands and residences by removing brush and ladder fuels and thinning remaining healthy trees to 20' spacing between drip lines. The general prescription will be to remove all brush and trees less than 8 inches in diameter in an effort to create a vigorous healthy stands of trees resistant to pathogens and retard the spread of fire. These fuel breaks will be established by removing fuel accumulations and ladder fuels 200' above and below existing county roads, or as agreed to by individual landowners.

- 7 There are four main projects that have been identified as priority projects:
- 1) Angel Ridge fuel break, 1.4 miles (50 Acres) of roadside treatment. The fuel break will be 200' wide on each side of the road, where feasible.
  - 2) Melrose Road fuel break, 2.05 miles (75 Acres) of roadside treatments on 5 different private land ownerships. These activities will be limited to hand operations due to steep and rugged terrain.
  - 3) Big Canyon residents and Peck fuel breaks (25 acres), will consist of creating fuel breaks along the toe of the steep slope adjacent to residents along the Big Canyon Road between Peck and Highway 12, as well as residences on the outer edges of the Peck town-site. Fuel breaks along residential areas will focus to decrease fuels within 200' of home-sites. Near any structures, the Idaho Firewise guidelines for defensible space will be initiated including the establishment of the four foot noncombustible zone, 30' landscaped zone, and 100' thinned and pruned defense zone around each structure.
  - 4) Old Melrose Grade Fuel Break, 0.9 miles (32 Acres) of roadside fuel treatments, following similar prescriptions as described above.

There are over 20 landowners within the project area who are eager to participate in mitigation activities once grant funds are made available.

## Landscape

8 This project focuses on private lands surrounding the Peck town-site and concentrated urban interface areas in the Big Creek Canyon Community. Nez Perce Tribal land and IDL Endowment lands intermix with the private parcels that will be treated. This project will be the first grant to focus on the Peck area for fuel treatments on private lands. The Nez Perce Tribe has been actively performing fuel reduction/thinning treatments on many of their holdings this proposed work will tie to.

Specifically, Tribal Projects include:

1. Allotment 992A Treatment masticated 11.7 acres including herbicide treatment; Summer/Fall 2018.
2. Allotment 1757A Treatment masticated 12.4 acres of brush in spring 2018, with herbicide treatment in summer 2018; and in 2016 20.7 acres of invasive blackberries were masticated and treated with herbicide in 2017.
3. Amos Bench Allotments Treatments masticated 96.7 acres of brush with herbicide treatment in 2018.

Nez Perce Tribe also plans to accomplish approximately 100 acres of mechanical mastication in allotments located 2-5 miles northwest of Peck in 2019. Communications are on going between Nez Perce County and Nez Perce Tribe, in which they are focusing on coordination of adjacent work to build continuous fuel breaks where feasible and advantageous, to protect area residences and capital improvement investments.

## Project Collaboration

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- IDL will contribute over match funds (\$276K) from the consolidated payments associated with Forestry and Fire Assistance in support of non-federal landowners.
  - Nez Perce County (\$4000 in-kind) administration of sub-grant from commissioners and other county staff time involvement. This will include awarding and preparing contracts, inspections, records and payments.
  - Private Landowners (\$17,500 in-kind) participation in non-grant funded vegetation removal around residences to create or enhance d-space and burning of piles created during mitigation activities.
  - Big Canyon Rural Fire District (\$2500 in-kind) providing fire suppression support equipment to landowners while burning mitigation residue.
  - Lewis County Soil Conservation District (LCSCD) (\$240,000 leveraged adjoining project work) project coordination, technical expertise
  - Nez Perce Tribe (leverage of \$3,400,000 in project work over the past 10 years) project coordination, technical expertise
  - USFS - Technical expertise

## Project Timeline

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- Spring 2019 - Prioritize and meet with landowners, establish mitigation prescriptions, and complete Landowner agreements.
- Spring/Summer 2019 - Perform unit layout, initiate work, roadside fuel treatments: Angel Ridge Fuel Break (50 Acres), Big Canyon Rd Resident and Peck Fuel Breaks (25 acres) until winter shutdown in November.
- Winter 2019/Spring 2020 - Burn piles from Angel Ridge and Big Canyon treatment areas.
- Spring to Fall 2020 - Continue project implementation complete Melrose Rd Fuel Break (75 acres) and Old Melrose Grade Fuel Break (32 Acres) until winter shutdown in November.
- Winter 2020/Spring 2021 - Burn piles from Melrose and Old Melrose treatment areas.
- Spring to Summer 2021 - Designate and contract any additional mitigation areas (dependent on remaining budget dollars).
- Fall 2021 - Complete final reports.
- Winter 2021 - Enter monitoring and maintenance phase.

## Project Sustainability

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The mixed conifer type, typical of this area is slow to regenerate requiring minimal maintenance of treatment activities until 7-10 years of age. Participating landowners are required to sign a 10 year maintenance agreement that they will maintain the integrity of the project work as it is at final inspection. In order for the landowner to understand this requirement, they will be provided one-on-one education by representatives from Nez Perce (contracted services) and Lewis (Soil & Water Conservation District) counties, Idaho Dept. of Lands (foresters), or the Nez Perce Tribe (forester) using Firewise, Idaho Firewise, and Univ. of Idaho Extension publications. This effort will be done throughout project implementation, and followed up during the annual inspections done by the counties to re-enforce the need to maintain the project work. IDL will monitor compliance through a sampling of past and current work specifically visiting the project sites at least twice during the monitoring period. When issues are noted, IDL will work with the counties to craft a plan and implement the maintenance to original treatment prescriptions.