

0	Admin Section			

1	Proposal Cooperator [ID]					
	Cooperator Organization:	Teton County Fire Protection District				
	Contact Person:	Edward Schauster				
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	City:	Driggs	State:	ID	ZIP Code:	83422
	Phone:	208-351-1931	Email:	eschauster@tetoncountyfire.com		

1	Applicant Information [ID]					
	Applicant:	Idaho Department of Lands				
	Contact Person:	Tyre Holfeltz				
	Address:	3284 W Industrial Loop				
	City:	Coeur d'Alene	State:	ID	ZIP Code:	83815
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	Email:	tholfeltz@idl.idaho.gov				
Federal Tax Id:	82-6000952	DUNS#:	UEI: LNALNMHA3NZ5			

2	Project Information			
	Name of the Project:	Teton County SW Zone Fuels Reduction - Phase III		
	Community Name(s):	Sorenson Creek, Shooting Star, Edgewood, Dustin		
	Counties:	Teton		
Congressional District:	02			

2	GIS Coordinates			
	Ref. Point Name:	Cedron		
	Lat/Long:	43.593, -111.147		
Description:	Approximate project area center			

Applicant Budget [ID]					
	Grant	Match		TOTAL	
	Funds Requested	Applicant	Non-Federal Contributors	Total Project Cost	
3	Personnel / Labor:	\$30,000		\$20,000	\$50,000
	Fringe Benefits:				
	Travel:	\$7,727		\$3,000	\$10,727
	Equipment:				
	Supplies:			\$1,000	\$1,000
	Contractual:	\$240,000			\$240,000
	Other:		\$276,000		\$276,000
	Indirect Costs:	\$22,273			\$22,273
	TOTAL:	\$300,000	\$276,000	\$24,000	\$600,000

Budget Narrative	
4	<p>- Personnel/Labor - \$30k for Idaho Dept of Lands staff to manage and administer sub-grant with Teton County Fire Protection District.</p> <p>- Travel - \$7,727 for IDL staff to travel to and from project(s) at established State Fleet Motor Pool rates.</p> <p>- Contractual - \$240k is sub-granted to Teton County Fire Protection District who will administer, manage, and implement all hazard fuels reduction activities. Funds will be used to perform hazard fuels reduction treatments on approximately 90 acres by thinning, limbing, pruning, chipping and slash pile burning.</p> <p>- Indirect - \$22,273 is for negotiated rate between USFS and IDL.</p>

Project Area Description and Challenges	
5	<p>The project area is found in southern Teton County at the border of the Bridger-Teton and Caribou National Forests in SE Idaho, at elevations of 6100ft to 6800ft. Rolling hills of dense coniferous and deciduous overstories (pine and aspen stands) are intermingled with rolling sage/shrub grasslands. The area has seen rapid development in the past 10 years creating significant WUI concerns (1000+ homes) and fire scars indicative of large scale fires are abundant. The Tie Fire (2016/apx 1030 acres) occurred less than 3 miles from the project area. This project will build onto and expand areas treated during previously funded HFR/WSFM Grants (FY16 WSFM, 17HFR, and 20HFR) thus scaling and enhancing mitigative work at the subdivision/community landscape level.</p> <p>The primary objective of this fuels reduction project is to establish meaningful shaded fuel breaks and defensible space within the subdivisions of Sorenson Creek, Shooting Star, Edgewood and Dustin increasing the probability of survival for homes with the project area.</p> <p>Major challenges associated with this project are varied terrain, narrow/winding spiderweb of ingress/egress roads, and drought/diseased stands.</p>

Relation to Forest Action Plan AND CWPP	
6	<p>Idaho Forest Action Plan (FAP): The project is found in the Teton Yellowstone Complex priority landscape area. Goal 1 of the FAP states, " Idaho's forests are diverse and resilient to climatic changes and other threats (fire, insects, disease, noxious weeds, etc.)," with a treatment specific strategy of, "Designing and implementing stand treatments on a landscape scale to increase and maintain vegetation diversity and resiliency over time."</p> <p>Teton CWPP: The CWPP lists the project area as a "HIGH PRIORITY" for the thinning of lodgepole pine to reduce crown fire hazards. The project area was identified because of the high number of full time residences in eastern Felt, rolling to steep slopes, and limited water supplies with plenty of natural fuels with south and west aspects. These conditions create difficult and dangerous situations for wildland fire suppression.</p> <p>The completion of project work will address the identified FAP/CWPP goals/strategies through the reduction of hazard fuels, increased crown spacing, and increased resiliency of the WUI to the threats of catastrophic wildfire.</p>

Proposed Activities

8 interested/committed landowners are wanting to participate in fuels reduction work on their properties as a result of work completed with the previous HFR/WSFM grants noted in box 5 (more interest than funding available). Prioritization of hazard fuels reduction work will give preference to areas of adjacent participation to increase the landscape effect of mitigation efforts. The project will establish fuel breaks along overgrown ingress/egress roads (apx 15 acres), and create shaded fuel breaks (apx 75 acres) on apx 90 total acres.

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TCFPD will administer, manage, and implement all work associated with this project. Specifically, work will be done by TCFPD seasonal firefighters with supervision from the Hazardous Fuels Supervisor with project oversight and management from District Chief officers. Challenges listed in box 5 will require contractors to alter prescriptions across the landscape to abate wildfire risk. Site-specific prescriptions will be developed based on site-specific conditions focusing on the removal of specific conifers inside aspen stands. Ingress/egress fuel breaks (45' wide by apx 3 miles long) will be established through the removal of live/dying/dead standing conifer trees to increase crown spacing (20' - 40') and the removal of ladder fuels through pruning 10' or 1/3 height of remaining trees. Additional thinning will be implemented on private parcels within the project area to create shaded breaks using similar prescriptions/methods above. Treatment methods may include: hand crews using chainsaws, pruning shears, saw blade brush cutters, chipping, and slash pile burning as needed.

Match Activities: Landowners will be participating in project implementation through slash cleanup activities and gathering firewood, in conjunction with the proposed grant related activities. Various educational components will also be implemented and carried out by TCFPD (complete details in box 9) including education outreach (providing educational materials in the form of handouts/pamphlets) and holding 3 HOA/homeowner, and 3 public meetings.

Landscape Impacts

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This project will be an expansion of previously funded HFR/WSFM Grants. FY16 WSFM treated 15 acres, FY17HFR treated 82 acres, and FY20HFR has 80 acres planned for treatments. All three of these projects accomplished fuels reduction treatments via similar prescriptions adjacent to the proposed project, thus scaling and enhancing mitigative work at the subdivision/community landscape level. This project will not retreat the same previously treated areas but will instead expand upon the efforts from previous grant activities by continuing to treat additional private parcels within the proposed project area and additional ingress/egress sections throughout. This landscape level approach to the fire mitigation efforts will reduce catastrophic wildfire risk to apx 250 homes across the South County area.

The communities in this area continue to express interest in this important work and based on past project implementation, additional interest will continue to grow allowing this work to expand further across the privately owned landscape.

Project Collaboration

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- Idaho Dept of Lands (\$276k match) - in the form of consolidated payments associated with Forestry and Fire Assistance in support of private landowners. IDL will also provide technical assistance.
- TCFPD (\$19k match) - will provide project administration including travel costs for project management, marking supplies for project layout, as well as educational materials (handouts/pamphlets) and meetings with the HOA's, landowners, and the general public. Additionally, TCFPD will conduct wildfire home risk evaluations for landowners in the area.
- Landowners (\$5k match) will complete defensible space work around homes, collect firewood, participate in meetings, and educate neighbors on hazard fuel mitigation opportunities.
- USFS (leverage) will provide technical expertise and landowner education.

Project Timeline

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- Fall '23 - project manager will notify 8 pre-identified, interested landowners of available funding; enter into agreements, develop prescriptions for ingress/egress treatments and initiate/complete fuels reduction work on all ingress/egress routes (apx 15 acres).
- Winter '23 - participate in 1 HOA meeting (match) to provide Firewise educational materials (handouts/pamphlets); prioritize shaded fuel break treatment area's; conduct 1 public meeting (match) to increase interest in future fire mitigation treatments.
- Spring/Fall '24 - develop 10 additional landowner agreements/prescriptions and initiate/complete shaded fuel break work on 25 acres.
- Winter '24 - participate in 1 HOA meeting (match) to provide Firewise educational materials (handouts/pamphlets); conduct 1 public meeting (match) to increase interest in future fire mitigation treatments.
- Spring/Fall '25 - develop 10 additional landowner agreements/prescriptions and initiate/complete shaded fuel break work on 25 acres.
- Winter '25/26 - participate in 1 HOA meeting (match) to provide Firewise educational materials (handouts/pamphlets); conduct 1 public meeting (match) to increase interest in future fire mitigation treatments.
- Spring/Summer '26 - develop 10 additional landowner agreements/prescriptions and initiate/complete shaded fuel break work on 25 acres.
- Fall '26 - Conduct final inspection, documentation and reimbursement activities and enter into monitoring phase.

Project Sustainability

Environmental Factors: The vegetation consists of dry to moderately moist site brush and tree species, dependent on elevation, slope and soil characteristics. Brush and tree species include: Lodgepole pine, Douglas-fir, Aspen, Engelmann Spruce, Great Basin Juniper, Utah Juniper and Western Red Cedar, Chokecherry, Serviceberry, Black Hawthorn, Mountain Ash, Rocky Mountain Maple, Woods' Rose, Sagebrush var., Rabbitbrush var., Snowberry var., among others. Regrowth after treatment will vary with site characteristics, but will require continued maintenance every 5 - 10 years through mowing, removal, chipping or burning.

1 Commitment: Private property owners that participate in TCFPD Hazard Fuels Reduction efforts sign a contract obligating them to maintain the work for a period of 10 years or until the property changes hands.

1 Education: Maintenance education will be provided during landowner site visits by qualified TCFPD staff as well as during HOA and public meetings through the use of Firewise materials (handouts/pamphlets). Maintenance education is also provided as part of the landowner agreement.

Monitoring: The Idaho Dept of Lands is monitoring compliance through a sampling of past projects and current endeavors. Compliance will continue to be monitored by TCFPD at least annually, and the State of Idaho and if problems arise, landowners will be reminded of their obligations through written or verbal communications.