



# Oregon

Kate Brown, Governor

## Department of Forestry

Southwest Oregon District

Medford Unit

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**Project Name:** Fire Adapted SWO

**Applicant Sponsor:** ODF SWO district

**ODF District Representative:** [REDACTED]

### Treatment Location:

Twenty Firewise USA communities in Jackson and Josephine Counties have been targeted for this grant opportunity. All of these communities are within a watershed with a very high risk rating (Oregon Explorer). In Jackson County, a cluster of large, adjacent Communities totaling 11,849 acres will be targeted. Most treatments will be outside of the 200' home ignition zone (HIZ) as the HIZ has been treated by ODF crews with previous grant funds. Treatments will be designed to expand on HIZ work to create continuous fuel breaks across multiple adjacent properties as well as improve access/egress routes. In Josephine County, the Firewise Communities are smaller and more spread out. Many of these are not within a rural fire protection district. We will seek to address similar concerns as in Jackson County. These communities have received less support from ODF crews due to funding and differing strategies. Landowners have funded HIZ work.

### Treatment Activities:

Identify and prioritize 240 acres of fuels treatments within Firewise USA communities. This will be done through the networks built through the Firewise program by local residents. Many of these communities were established using Title III funding which allowed treatments only within 200' of the homesite. While this funding helped protect 795 homes, we have had to leave areas of untreated fuels in between the home ignition zones of many of these homes. We were also not able to use this funding on any of the adjacent federal lands. The funding also couldn't be used for any access/egress routes that fell outside of the 200' HIZ. We have been able to do some of this work through Western States Fire Managers grants but there is much more to do. ODF has previous agreements with 63 landowners in Firewise communities for the HIZ treatments, these will be the initial target for extending fuel breaks out to shared property lines. We will also continue our outreach efforts to adjacent landowners not previously under agreement. We will ensure all treated properties will have 13.5' of vertical clearance over their driveways as well as a minimum of 25' on both sides where the fuels are reduced. Prescription for roadside fuel breaks will be 15' spacing for trees 6" diameter and smaller (hardwoods may be spaced closer to minimize stump sprouting and maintain a shaded fuel break), removing invasives such as Himalayan Blackberry, Honeysuckle, and Scotch broom, limbing 8' but no more than 1/2 tree height, removing accumulations of surface fuels 1"-6" diameter, removing snags that have potential to block rd., and removing flammable brush species such as manzanita and ceanothus. Materials from roadside treatments will be chipped when feasible, piled and burned, or hauled to a green waste recycling facility. Work inside the HIZ will be removal of combustible landscaping within 30' of home, removal of snags if they can be safely felled, removal of ladder fuels by pruning 12' or 1/2 tree height, removal of highly flammable invasives and highly flammable brush, and thinning trees to 6" diameter and smaller to a 15' spacing.

## **Anticipated Benefit:**

This project will address broad goals from the Rogue Valley Integrated Fire Plan such as: Goal 2: Promote wildfire education, awareness, and prevention among citizens, public and private partners. Using the ODF crew provides opportunity for educating landowners on methods to carry out and maintain fuels treatments. Goal 3: Promote forest health using proven forest management techniques that will provide for better forest resiliency to catastrophic wildfires, enhance structure survivability, and increase public safety in the WUI. This project will prioritize treatments in the WUI and build on good work that has been done already. This project also addresses specific goals from the RVIFP such as: Goal 2: Fire Adapted Communities: Human populations and infrastructure can withstand a wildfire without loss of life and property. Identifying community-scale actions to improve wildfire preparedness (Firewise program); promoting property owner responsibility through education and outreach to make homes and their surroundings ignition resistant; every property treated will receive an assessment of structural susceptibility to wildfire and will be given recommendations; seeking alternatives to address declining agency budgets and advocate for appropriate agency staffing and funding. While working in the shoulder seasons, the ODF crews will be available to quickly suppress fires. Without this funding, the crews would not be immediately available for pre and post season fires. Vulnerable populations will be identified and prioritized through community outreach. There are many elderly residents and residents with declining health who are unable to stay in their homes safely without this assistance.

## **Timeline:**

- Date of award - June of 2022 : Contact interested landowners within project area and complete inspections/ sign agreements for crew work
- June 2022-October 2022 Continue outreach, inspections, project layout, and landowner agreements as time allows during fire season
- October 2022- June 2023 Complete 240 acres of fuels treatments as identified. Projects utilizing burning will be done first, chipping projects will be done during drier months

## **Budget:**

\$278,611 personnel+fringe will go towards two ODF 10 person fuels crews at \$23,218/ week for 12 weeks to plan and implement fuels treatments. \$15,839 travel expenses for four ODF vehicles to carry crew to and from job site at an average cost of \$466/ month per vehicle x 4 vehicles and \$.69/ mile for 14,851 total miles. \$5,500 in supplies will cover chainsaw chain(4 bulk rolls), saw maintenance, saw fuel + mix, and bar oil.

**Leverage:** ODF SWO District match for layout and monitoring of the project is 3 months of Fire planner wages+fringe, 3 months of two permanent FO's wages+fringe totaling \$78,791, travel for three vehicles totaling \$6,074. \$30,000 personnel+fringe in Title III funding for 25 acres HIZ treatments using ODF crew. SWO chipper used as match @ \$250/day x 48 days = \$12,000. \$11,750 in WSFM funding matched by landowners =\$23,500. Total \$450,365. \$300,000 requested.

**Budget Worksheet**

Instructions: Fill out blue-bordered boxes

Grant Agreement #/Project Name:

#

/ Fire Adapted SWO

Deliverables	
Below are examples, replace with your projects quantified treatment activities (acres)	
1	240 acres of non-commercial thinning
#	240 acres of pruning 8'-14' but no more than 1/3 total canopy
#	90 acres of chipping materials 1"-6" diameter
#	150 acres of hand piling
#	150 acres of hand pile burning
#	50' fuel break along 6.5 miles of private driveway and county road access/egress routes
#	100 individual private properties receiving HIZ assessment for wildfire hazards
#	Add deliverables as needed
#	Add deliverables as needed
#	Add deliverables as needed
#	Add deliverables as needed
Treatment Footprint	100 acres

Cost Category	Grant Request	Leverage		Total Project Cost
		Match (if any)	Leverage (if any)	
1. Personnel	\$ 183,883.00		\$ 74,080.00	\$ 257,963.00
2. Fringe Benefits	\$ 94,728.00		\$ 34,711.00	\$ 129,439.00
3. Travel	\$ 15,839.00		\$ 6,074.00	\$ 21,913.00
4. Equipment				\$ 0.00
5. Supplies	\$ 5,550.00		\$ 12,000.00	\$ 17,550.00
6. Contractual		\$ 11,750.00	\$ 11,750.00	\$ 23,500.00
7. ODF (if applicable)				\$ 0.00
<b>Total</b>	<b>\$ 300,000.00</b>	<b>\$ 11,750.00</b>	<b>\$ 138,615.00</b>	<b>\$ 450,365.00</b>

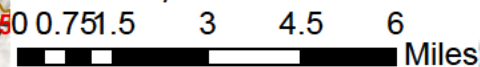
Narrative justification by line item: totals should match claim above.

For each line item	Detail by position or item cost, rate, number of units, and subtotals. Tie costs to Deliverables. <b>Example:</b> Personnel and Fringe ( \$1,480 and \$740=\$2,220) for 1 Ecologist working 40 hours @ \$37/hour to treatment plan 100 acres of fuel treatments
Personnel & Fringe	Personnel+Fringe for 12 weeks fuels work for 2 ODF crews (\$23,218/week)=\$278,610 This will be to complete 240 acres of fuels reduction work on private properties.
Travel	\$15,839 in travel expenses for four ODF vehicles to carry crew to and from job site at an average cost of \$466/ month per vehicle x 4 vehicles and \$.69/ mile for 14,851 total miles driven.
Equipment	No anticipated equipment purchases
Supplies	\$5,550 in supplies will cover chainsaw chain(4 bulk rolls), saw maintenance, saw fuel + mix, and bar oil. (subject to fluctuations in fuel costs)
Contractual Payments	None anticipated
ODF (if Applicable)	None anticipated
Leverage Sources	Personnel+fringe for 3 months wages for fire planner and 2 permanent Forest officers to design individual prescriptions,provide educational materials about wildfire safety to landowners, manage crews, conduct site visits, monitor work, GIS entries, and provide progress reports =\$78,791. Travel for these is \$6,074 total. 23.5 acres fuels work @\$500/ acre from WSFM grant = \$11,750 with match from landowners of \$11,750. \$12,000 in supplies is use of District owned chipper@ \$250/day for 48 days.



# Fire Adapted SWO ODF SWO

Coordinate System: NAD 1983 Lambert



## Legend

### Firewise

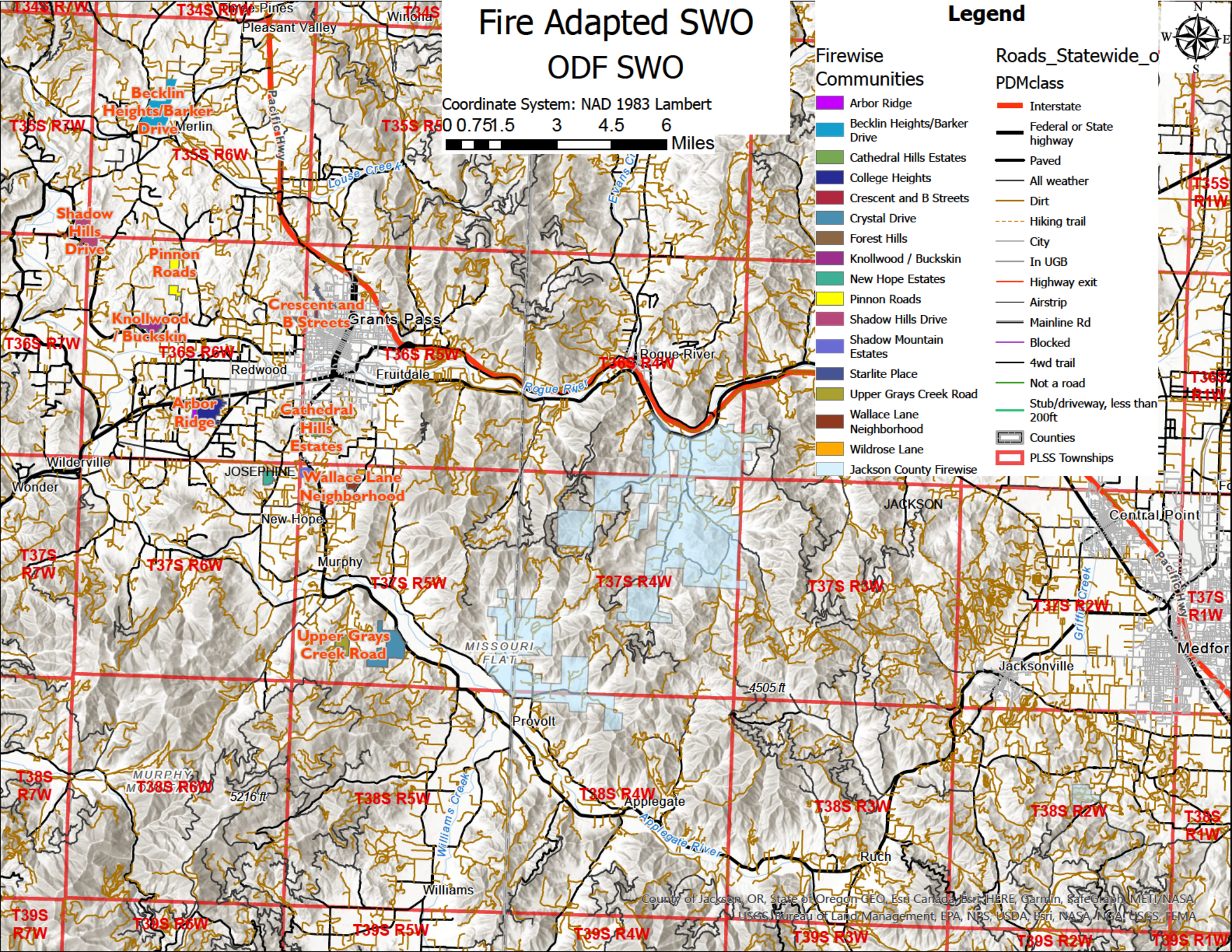
### Communities

- Arbor Ridge
- Becklin Heights/Barker Drive
- Cathedral Hills Estates
- College Heights
- Crescent and B Streets
- Crystal Drive
- Forest Hills
- Knollwood / Buckskin
- New Hope Estates
- Pinnon Roads
- Shadow Hills Drive
- Shadow Mountain Estates
- Starlite Place
- Upper Grays Creek Road
- Wallace Lane Neighborhood
- Wildrose Lane
- Jackson County Firewise

### Roads\_Statewide\_o

### PDMclass

- Interstate
- Federal or State highway
- Paved
- All weather
- Dirt
- Hiking trail
- City
- In UGB
- Highway exit
- Airstrip
- Mainline Rd
- Blocked
- 4wd trail
- Not a road
- Stub/driveway, less than 200ft
- Counties
- PLSS Townships





Number of Panel Reviewer #1		Project Name	Fire Adapted SWO	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	20	
Reviewer Comments	240 acres: All treated properties will have 13.5' of vertical clearance over their driveways as well as a minimum of 25' on both sides where the fuels are reduced. Prescription for roadside fuel breaks will be 15' spacing for trees 6" diameter and smaller (hardwoods may be spaced closer to minimize stump sprouting and maintain a shaded fuel break), removing invasives, limbing 8' but no more than 1/2 tree height, removing accumulations of surface fuels 1"-6" diameter, removing snags that have potential to block rd., and removing flammable brush species such as manzanita and ceanothus.			
2	Project protects infrastructure, creates shaded fuel breaks along roadways, or is in a Wildfire Risk Class of High or Extreme (HUC 6 watershed)	15	15	
Reviewer Comments	All communities are within a watershed with a very high risk rating (Oregon Explorer).			
3	Project treats or protects multiple properties	15	15	
Reviewer Comments	Twenty Firewise USA communities in Jackson and Josephine Counties have been targeted for this grant opportunity. ODF has previous agreements with 63 landowners in Firewise communities for the HIZ treatments, these will be the initial target for extending fuel breaks out to shared property lines.			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	10	
Reviewer Comments	Remove invasives such as Himalayan Blackberry, Honeysuckle, and Scotch broom.			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	Many of these communities were treated using Title III and Western States Fire Managers funding. The Title III funding allowed treatments only within 200' of the homesite and left areas of untreated fuels in between the home ignition zones. We were also not able to use this funding on any of the adjacent federal lands or for any access/egress routes that fell outside of the 200' HIZ.			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	Vulnerable populations will be identified and prioritized through community outreach. There are many elderly residents with declining health who are unable to stay in their homes safely without this assistance. In Josephine County, many of the Firewise Communities are not within a rural fire protection district.			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	10	
Reviewer Comments	Rogue Valley Integrated Fire Plan			
8	Project utilizes non-traditional forest products	5	1	
Reviewer Comments	Materials from roadside treatments will be chipped when feasible, piled and burned, or hauled to a green waste recycling facility.			
<b>Final Score</b>		Out of 100	<b>91</b>	

Number of Panel Reviewer #2		Project Name	Fire Adapted SWO	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	10	
Reviewer Comments	treatment clearly described, future conditions seems more self-focused (RVIFP) than as specified for this grant program			
2	Project protects infrastructure, creates shaded fuel breaks along roadways, or is in a Wildfire Risk Class of High or Extreme (HUC 6 watershed)	15	10	
Reviewer Comments	very high, access/egress			
3	Project treats or protects multiple properties	15	15	
Reviewer Comments	yes			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	5	
Reviewer Comments	invasive species indicated			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	yes			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	elderly, some homes are not in a rural fire protection district			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	10	
Reviewer Comments	yes			
8	Project utilizes non-traditional forest products	5	0	
Reviewer Comments	not indicated			

**Final Score**

Out of  
100

**70**



Number of Panel Reviewer #3		Project Name	Fire Adapted SWO	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	18	
Reviewer Comments	Yes, good job with this description. Lacking some details on maintenance though.			
2	Project protects infrastructure, creates shaded fuel breaks along roadways, or is in a Wildfire Risk Class of High or Extreme (HUC 6 watershed)	15	15	
Reviewer Comments	Yes, clearly identified			
3	Project treats or protects multiple properties	15	15	
Reviewer Comments	Yes			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	12	
Reviewer Comments	Mentions invasive species, but in passing. No discussion on maintenance.			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	Builds on previous treatments			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	Notes vulnerable populations found within project area			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	10	
Reviewer Comments	Rogue Valley Integrated Fire Plan			
8	Project utilizes non-traditional forest products	5	0	
Reviewer Comments	Didn't see how project would utilize non-traditional forest products			
<b>Final Score</b>		Out of 100	<b>90</b>	

Number of Panel Reviewer # 4		Project Name	Fire Adapted SWO	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	20	
Reviewer Comments	Project is well presented and works to reduce high severity wildfire risks			
2	Project protects infrastructure, creates shaded fuel breaks along roadways, or is in a Wildfire Risk Class of High or Extreme (HUC 6 watershed)	15	13	
Reviewer Comments	The project is intended to work on fuel breaks and infrastructure			
3	Project treats or protects multiple properties	15	14	
Reviewer Comments	The project covers communities within Jackson and Josephine Counties			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	14	
Reviewer Comments	The project will address the broad spectrum of needed treatments			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	The project is well coordinated to work with neighbors and communities of need			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	Project will be assisting lower income populations in need			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	6	
Reviewer Comments	The Rogue Valley Integrated Fire Plan is within a high-risk region			
8	Project utilizes non-traditional forest products	5	2	
Reviewer Comments	Forest products are not directly addressed			
<b>Final Score</b>		Out of 100	<b>89</b>	

Number of Panel Reviewer # 5		Project Name	Fire Adapted SWO	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	20	
Reviewer Comments	Clearly describes treatment activities including specifications, material to be removed, and how treatment reduces high severity wildfire risk in conjunction with previous fuel reduction efforts			
2	Project protects infrastructure, creates shaded fuel breaks along roadways, or is in a Wildfire Risk Class of High or Extreme (HUC 6 watershed)	15	15	
Reviewer Comments	Very High Risk, protects infrastructure and establishes fuel breaks			
3	Project treats or protects multiple properties	15	15	
Reviewer Comments	Lists existing plans with 63 landowners to expand previous fuel treatments			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	3	
Reviewer Comments	Invasive species named, but no mention of how additional resource concern leads to enhanced benefits outside wildfire risk reduction.			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	7	
Reviewer Comments	Landowners will cost share the work, and previous grant funding ties made. Does not quantify or explicitly state previous funding sources.			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	4	
Reviewer Comments	Mention elderly residents and actions taken to identify and prioritize vulnerable community members. Does not quantify any of these statements.			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	0	
Reviewer Comments	None from strategies listed, or unclear if the goals stated are tied to any of the priority planning areas.			
8	Project utilizes non-traditional forest products	5	2	
Reviewer Comments	Mentions haul of green waste to a recycling facility, but where? How much?			
<b>Final Score</b>		Out of 100	<b>66</b>	