

0	<b>Admin Section</b>			

1	<b>Proposal Cooperator [ID]</b>					
	Cooperator Organization:	City of Boise				
	Contact Person:	Jerry McAdams				
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1	<b>Applicant Information [ID]</b>					
	Applicant:	Idaho Department of Lands				
	Contact Person:	Tyre Holfeltz				
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Federal Tax Id:	82-6000952	DUNS#:	878072685			

2	<b>Project Information</b>			
	Name of the Project:	City of Boise Hazard Fuels Reduction - Phase II		
	Community Name(s):	City of Boise and Boise Fire Response Area		
	Counties:	Ada		
Congressional District:	02			

2	<b>GIS Coordinates</b>			
	Area Name:	Boise City Front - Ada County		
	Boundary Lat/Longs:	43.7676, -116.1993; 43.7634, -116.1532; 43.5458, -116.0369; 43.671, -116.2717		
Description:	Boise HF project area			

### Applicant Budget [ID]

		Grant	Match		TOTAL
		Funds Requested	Applicant	Non-Federal Contributors	Total Project Cost
<b>3</b>	<b>Personnel / Labor:</b>	\$30,000	\$50,000	\$5,000	<b>\$85,000</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>		\$270,000		<b>\$270,000</b>
	<b>Indirect Costs:</b>	\$22,273			<b>\$22,273</b>
	<b>TOTAL:</b>	<b>\$300,000</b>	<b>\$320,000</b>	<b>\$5,000</b>	<b>\$625,000</b>

### Budget Narrative

<b>4</b>	<ul style="list-style-type: none"> <li>- Personnel/Labor (\$30k) - for Idaho Dept. of Lands (IDL) staff to manage and administer sub-grant with the City of Boise.</li> <li>- Travel (\$7,727) - for IDL staff to travel to/from project at established State Fleet Motor Pool rates</li> <li>- Contractual (\$240k) - for sub-grant to the City of Boise who will utilize funds for project management/administration (budgeted on a "not to exceed" rate) and implementation. The city will utilize staff and contracted services to perform hazardous fuels reduction treatments by means of fuel reduction activities on 200 acres through grazing, mowing, and chipping activities.</li> <li>- Indirect (\$22,273) - is the negotiated rate between the USFS and the State of Idaho.</li> </ul>
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### Project Area Description and Challenges

<b>5</b>	<p>This project expands upon the FY19 funded City of Boise HFR project. The Boise City Front is located on the north side of the City of Boise in Ada and Boise counties (~80k acres/9800 homes). The phase II project area encompasses 200 acres of private/non-federal public lands w/in the Boise City Front (Hill Rd/Warm Springs Ave to the south, State Hwy 21 to the east, State Hwy 55 to the west, and Boise Ridge Rd and the Ada Co. boundary to the north). Native vegetation includes bunch-grasses/sagebrush interspersed w/ ribbons of riparian vegetation and non-native conifers in area drainages. Rush skeletonweed, Russian thistle, Cheatgrass, Medusahead rye, and other noxious weeds have infested the vacant parcels adjacent to occupied residences and their continued spread is increasing fuel loads exponentially. 2 major fires, the 2008 Oregon Trail fire (1 life lost) &amp; the 2016 Table Rock Fire destroyed/damaged 20+ homes. History paired w/ increased residential expansion over ridges and into gulches has exacerbated WUI concerns over wildfire propagation.</p> <p>Phase II of the City of Boise HFR project will utilize grazing and hand/mechanical treatments to reduce/remove under-story ladder fuels and enhance native vegetation to decrease risk of ground fire propagation/catastrophic fire in this high-risk WUI.</p> <p>Challenges: Terrain w/in the project area varies from steep ridges to incised gulches which brings inherent risks to fire response efforts and overall suppression effectiveness. Excessive invasion of non-native species has increased vegetation overgrowth, decreasing the probability of survival for homes scattered throughout the project area.</p>
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## Relation to Forest Action Plan and CWPP

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Idaho Forest Action Plan (FAP): The project area is located within the Boise River Priority Landscape Area as indicated in the Idaho Forest Action Plan. This area is categorized as High to Very High for Wildfire Risk. 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".

Ada County CWPP: CWPP priorities further identify this project location for defensible space development and participation in the NFPA Firewise USA site recognition program. Proposed treatments will seek to decrease the risk of wildfire to WUI neighborhoods while improving forest and sagebrush steppe resiliency to human activities and residential expansion.

The completion of project work will address vegetative mitigation activities as identified by the above FAP goal and CWPP priorities to decrease wildfire threats to communities.

## Proposed Activities

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Phase I (FY19 funded) project work is focusing on fuels reduction, native plant community enhancement, and citizen education efforts in Stack Rock and the neighborhoods of Military, Hillside to Hollow, Hulls Gulch, Hyatt Hidden Lakes, and Castle Rock reserves w/in the Boise City Front. Phase II project work will expand upon fuels reduction work conducted as part of phase I. Grant funds (\$240k) will be utilized for staff and contracted HFR activities including targeted grazing, mowing, thinning, limbing/trimming, chipping, and bacterium/herbicide application activities on 200 acres of city open space and private lands. The project area was prioritized using the Ada County Wildfire Riskmap GIS layers which informed and identified wildfire risk at multiple scales (parcel, neighborhood, and census block). Specific treatments used w/in the project area will vary based upon inherent risk, adjacent land ownerships, access, scale, and the quality and resiliency of existing vegetative communities. Specifically, work will be accomplished in accordance with site-specific prescriptions developed by trained qualified City of Boise staff/contractors.

Contracted grazing will be used for hazard fuels reduction on 100 acres of city open space and private acres due to accessibility issues for equipment (protecting 400+ structures). Hand/mechanical treatments such as mowing/chipping will also be used to enhance grazed acres as needed. The remaining 100 acres of city open space and private lands will be targeted for fuels reduction activities through hand/mechanical treatments carried out by City of Boise staff/contracted services (protecting 900+ structures). Again, site specific prescriptions developed by qualified trained City of Boise staff/contractors will dictate the appropriate methodologies and HFR activities including but not limited to the removal of dying/dead/down trees, limbing (10' or 1/3 of the original height of tree), mowing, chipping, and pile burning of slash as necessary. Additionally, a slope mower (City of Boise owned) will be used where appropriate to reduce vegetation height from 18" - 30" pre-treatment to 4" - 8" post treatment. Bacterium/herbicide application treatments will follow HFR activities as needed for annual weed control.

Match Activities: Landowners will simultaneously be completing defensible space work around their homes following similar prescriptive methods to those above (provided by trained qualified contractors). Various educational components will also be implemented and carried out by multiple collaborators (complete details in box 9) including Wildfire Safety Home Evaluations, promotion of Fire Adapted Communities, fire-resistant landscaping classes, and education of the Citizen Fuel Reduction Policy initiative.

## Landscape

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In 2000, Ada County, Boise City, Boise County, Idaho Department of Fish and Game, Idaho Dept of Lands, Bureau of Land Management and the US Forest Service created the Foothills Open Space Management Plan to better manage the 80k public and private acres across the Boise City Front. This project complements Phase 1 work (120 acres) by expanding upon the completed fuel reduction treatments in the Boise City Front and initiating additional residential work along the foothills, tying together the private, city, and grant funded efforts mentioned above. 5 project area neighborhoods have additionally utilized the BLM Community Assistance funds to implement wildfire risk reduction activities on 500+ additional acres. The USFS Sinker Creek Boise Ridge Forest Health Project is also adjacent to the project area and will treat 2000 acres. The City of Boise HFR Phase II project will tie into these projects at various points across the landscape using similar prescriptive treatments/activities.

This project will also enhance the protection of several additional housing developments from large fire propagation in residential communities such as Barber Valley, Warm Springs Mesa, Central Foothills, East Boise, Boise Heights, Highlands, and Columbia Village. These developments are directly adjacent to the open spaces leading to a direct benefit from fuels treatments in the project area.

## Project Collaboration

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- IDL (\$270K match) will contribute overmatch funds in the form of consolidated payments associated with Forestry and Fire Assistance in support of non-federal landowners.
- City of Boise (\$50k non-grant funded match) for project administration to include coordination and prioritization of fuels reduction work, contractor and staff management, project layout/inspections, landowner engagement and education.
- Landowners (\$5k match) for completion of defensible space work around homes and in neighborhood common areas, non-grant funded expansion of fuel breaks, participation in meetings/workshops, and neighbor-to-neighbor education.
- BLM, USFS, Idaho Firewise, North Ada County Fire & Rescue, Whitney Fire District, Ada Soil & Water Conservation District, IDFG, and USFWS (Leverage) will provide landowner education, meeting participation, and technical expertise.

## Project Timeline

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- Fall '21 - initiate contracts for grazing activities to begin spring '22, notify landowners of availability of project funding, complete 10 landowner agreements, initiate fuels reduction work on 30 non-grazing private acres and 20 non-grazing city open space acres.
- Winter '21 - complete fall work, prioritize acres/begin project layout/design for open space reserves, complete 5 landowner agreements and initiate fuels reduction work on 20 non-grazing private/city open space acres as weather permits, burn slash piles where appropriate.
- Spring/Summer '22 - complete winter work, complete 5 landowner agreements, initiate grazing activities on all 100 grazing acres to take place through Summer '23 (no grazing in winter).
- Fall '22 - initiate herbicide treatments on previously treated acres. Complete 5 landowner agreements and initiate work on 10 non-grazing private acres and 20 non-grazing city open space acres.
- Winter '22 - complete fall work as weather permits and burn slash as appropriate
- Spring/Summer '23 - complete all grazing, herbicide, and fuels reduction activities as needed.
- Fall '23 - finalize all project work and evaluations and enter into monitoring phase.

## Project Sustainability

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**Environmental Factors:** In the sagebrush-steppe plant communities found in the project area, annual maintenance (additional mowing/herbicide) will be initially required of non-native grasses/noxious weeds until native grass species recruitment from in-soil sources is high enough to out-compete the non-native grasses. These dry sites will take upwards of 10 years for infilling of native grasses to occur; thereafter maintenance will be minimal.

**Commitment:** The City of Boise (COB) annually allocates over \$80k (non-grant funded) in staff salaries to fuels reduction projects/education/outreach. Commitment to this fiscal obligation has been made into the foreseeable future through hiring of permanent staff (non-grant funded) to address wildfire and open space management. Landowners are required to sign a 10-year maintenance agreement stipulating that they will maintain the integrity of the project work as-is upon final inspection.

**Education:** Landowners will be provided Firewise/Idaho Firewise/Ada Fire Adapted educational materials (pamphlets/handouts) during project implementation and at final inspections, as well as prescriptions from qualified/trained COB staff/contractors enabling them to implement defensible space/maintenance work as needed. COB has been implementing mitigation work for years and is well versed in maintenance.

**Monitoring:** Idaho Dept of Lands monitors compliance through a sampling of past projects/current endeavors. Compliance will also be monitored by COB staff at least annually. If problems arise, IDL will work with COB staff on open space lands; landowners will be reminded of their obligations by COB Staff via verbal and/or written communication.