

# 2003 Western States Wildland Urban Interface Grant Program

## Attachment A

1	<b>State information for:</b>		03-197350-063
	State Contact:		State priority for this application:
	Name:	Mike Babler	
	Address:	Colorado State Forest Service	
		Colorado State University, Foothills Campus, Bldg. 1052	
		Fort Collins, CO 80523	
	Phone:	970/491-8660	
E-Mail:	fcdist@lamar.colostate.edu		

2	<b>Applicant Information</b>		
	Applicant Name:	Poudre Fire Authority	
	Contact Person:	Geoff Butler	
	Address:	Poudre Fire Authority	
		102 Remington St.	
		Fort Collins, CO 80524	
	Phone:	970/217-8495	
E-Mail:	gbutler@fcgov.com		

3	<b>Community Information</b>		
	Community Name: Fort Collins		
	County: Larimer	Congressional District:	4
	Community Population: 160,000 (for PFA district)	Homes Protected:	52,000+
	What organization in the community is providing leadership for the project		
	Homeowners Association		
	Fire Department or Protection District Poudre Fire Authority		
	Local Government		
	County Government: in coordination with Larimer County Planning Dept.		
	Corporation		
	Private Individual		
	Hazard Description (Check appropriate type of interface)		
	Interface:	<input checked="" type="checkbox"/>	32,000+ acres of WUI
	Intermix:	<input checked="" type="checkbox"/>	
	Occluded Interface:	<input checked="" type="checkbox"/>	
Rural Interface:	<input checked="" type="checkbox"/>		
Threat Description (Check what is threatened)			
Homes:	<input checked="" type="checkbox"/>	Over 800 homes in the WUI	
Businesses:	<input checked="" type="checkbox"/>		
Watersheds:	<input checked="" type="checkbox"/>	Several large reservoirs and river corridors	
Infrastructure:	<input checked="" type="checkbox"/>	Power lines, communication towers	
Economic Viability:	<input type="checkbox"/>		

<b>Project Summary</b>											
<b>4</b>	<p>Project Type (Check <u>only</u> the primary type): refer to criteria information</p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">Assessment/Scoping:</td> <td style="border: 1px solid black; width: 80px; height: 20px;"></td> </tr> <tr> <td style="padding: 2px 10px;">Planning:</td> <td style="border: 1px solid black; width: 80px; height: 20px; text-align: center;">X</td> </tr> <tr> <td style="padding: 2px 10px;">Information/Education:</td> <td style="border: 1px solid black; width: 80px; height: 20px;"></td> </tr> <tr> <td style="padding: 2px 10px;">Implementation/Treatment:</td> <td style="border: 1px solid black; width: 80px; height: 20px;"></td> </tr> <tr> <td style="padding: 2px 10px;">Monitoring/Evaluation:</td> <td style="border: 1px solid black; width: 80px; height: 20px;"></td> </tr> </table>	Assessment/Scoping:		Planning:	X	Information/Education:		Implementation/Treatment:		Monitoring/Evaluation:	
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<b>PROJECT DESCRIPTION</b>											
<p>How will you mitigate the threats checked in Block 3?</p> <p>This project will mark the inception of wildfire hazard assessment and planning for Poudre Fire, we will:</p> <p>1) Define climatic conditions of high fire occurrence</p> <p>2) Determine what conditions are conducive to large fire growth escaping initial attack.</p> <p>This will provide a factual foundation for such future mitigative initiatives as:</p> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">- Developing fire severity staffing levels</td> <td style="border: none;">- Public awareness of fire danger</td> </tr> <tr> <td style="border: none;">- Determining fire suppression response levels (FMAZ levels)</td> <td style="border: none;">- Criteria for burning restrictions</td> </tr> <tr> <td style="border: none;">- Developing pre-attack plans</td> <td style="border: none;">- Input for fuels mitigation plans</td> </tr> </table>		- Developing fire severity staffing levels	- Public awareness of fire danger	- Determining fire suppression response levels (FMAZ levels)	- Criteria for burning restrictions	- Developing pre-attack plans	- Input for fuels mitigation plans				
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<p>1) Complete the gathering of GIS, fire, and weather data required for fire modeling</p> <p>2) Perform fire modeling runs to determine likely conditions of fires escaping initial attack</p> <p>3) Determine the best climatic indicators for local fire danger based on the NFDRS</p> <p>4) Develop decision points for severity staffing levels and suppression response levels</p> <p>Time-line for meeting the steps listed above. Include major milestones, accomplishments and completion date.</p>											
<p>1) Completed at Present: Background research including methodology for formatting PFA records for NFDRS software</p> <p>2) March 1st: All necessary data for GIS based and NFDRS modeling in hand</p> <p>3) May 1st: GIS based fire modeling runs completed</p> <p>4) June 1st: Danger Rating levels defined, recommendations for staffing and response levels established</p>											

<b>Contributors</b>	
<b>5</b>	<p>Name the private, local, tribal, state, and/or federal organizations that are contributing or participating in getting the project done.</p> <p>This will be a Poudre Fire Authority (PFA) project, but we will work with Larimer County on issues that may relate to the county fire plan.</p>

<b>Project Revenue</b>							
	Contributors	Grant	PFA				Total
<b>6</b>	Dollars (Hard Match)	1400	1400				2800
	In-Kind (Soft Match)						
	Total	1400	1400				2800



Project Costs							
Contributors	Grant	PFA					Total
Cooperators Salary/ Wages/Benefits	1300	1400					2700
Operating Expenses	100						100
Contractual Services							
Capital Expenses							
Indirect Costs							
Total	1400	1400					2800

Additional Comments	
7	<p>This project is essential to the foundation of a sound wildland fire assessment and planning program for Poudre Fire Authority (PFA). Our county has been ranked first or second in Colorado State Forest Service (CSFS) documents in terms of wildfire hazard. PFA provides fire protection to 235 square miles, including over 8,500 acres of local, state, and federal open space.</p> <p>PFA responds to an average of 130 fires in vegetation fuels per annum. Of primary concern for large fire potential are the 50 miles of foothills with over 800 residences, valuable watersheds, reservoirs, habitat, and recreational areas. Of the 11 subdivisions in PFA's western WUI, 7 have been rated as high potential for fire loss by the CSFS.</p>
8	<p>PFA has demonstrated a commitment to developing an exemplary wildland fire suppression program. We have hosted many NWCG wildfire classes, increased our fleet of type VI wildland engines, equipped all apparatus with wildland PPE, and "red carded" virtually every PFA firefighter. With this grant support we can begin bringing our wildland fire planning up to the same level of excellence that we have displayed in our training and suppression operation</p>

Submit Applications through your local Colorado State Forest Service District Office