

**State and Private Forestry
FY 2010 Western Competitive
Resource Allocation
Single-State Project Proposal**

Filename	
AZ_Firewise	
Administration Information	
Dollar Amount Requested:	\$300,000
Matching Share:	\$300,000

Applicant Information															
1	<table border="1"> <tr> <td>State Forestry Agency:</td> <td>Arizona State Forestry Division</td> </tr> <tr> <td>Contact Person:</td> <td>Scott Hunt, District Forester</td> </tr> <tr> <td>Address:</td> <td>2901 W. Pinnacle Peak Road</td> </tr> <tr> <td>City/State/Zip Code:</td> <td>Phoenix, AZ 85027</td> </tr> <tr> <td>Phone (Work/Cell):</td> <td>623-445-0274 x 233 work 602-568-6628 cell</td> </tr> <tr> <td>Email:</td> <td>scotthunt@azstatefire.org</td> </tr> <tr> <td>Fax:</td> <td>623-445-0281</td> </tr> </table>	State Forestry Agency:	Arizona State Forestry Division	Contact Person:	Scott Hunt, District Forester	Address:	2901 W. Pinnacle Peak Road	City/State/Zip Code:	Phoenix, AZ 85027	Phone (Work/Cell):	623-445-0274 x 233 work 602-568-6628 cell	Email:	scotthunt@azstatefire.org	Fax:	623-445-0281
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Total Leverage							
Please specify each 3 rd party contributor (partnering organizations and agencies, including other Federal) and the dollar value of each contribution. Please DO NOT show grant requested funds in this table.							
3	Contributors: (Please specify by name)	Fire Depts & Chiefs Assns.	Local HOA's & Firewise Boards	PAWUIC	Coop Extension Service	Arizona State Forestry	TOTAL
	Value of Contributions:	\$50,000	\$45,000	\$5,000	\$5000	\$195,000 \$0	\$300,000

Project Budget					
	Grant Share (\$ requested)	Applicant	Non-Federal Contributors	TOTAL	
		Cash ¹	In-Kind ²		
4	Personnel / Labor:	\$100,000	\$100,000	\$90,000	\$290,000
	Fringe Benefits:	\$30,000	\$27,000	\$10,000	\$67,000
	Travel:	\$27,000	\$7,000	\$4,000	\$38,000
	Equipment:	\$64,000	\$6,000	\$0	\$70,000
	Supplies:	\$8,000	\$6,000	\$1,000	\$15,000
	Contractual:	\$28,000	\$0	\$0	\$28,000
	Construction:	\$0	\$0	\$0	\$ 0
	Other:	\$0	\$29,000	\$0	\$29,000
	Indirect Costs:	\$43,000	\$20,000	\$0	\$63,000
	TOTAL:	\$300,000	\$195,000	\$105,000	\$600,000

Project Duration	
5	What is the duration of this project? <input type="checkbox"/> One Year <input type="checkbox"/> Two Years <input checked="" type="checkbox"/> Three Years

National Relevance	
6	Conserve Working Forest Landscapes <input type="checkbox"/> Protect Forests From Harm <input checked="" type="checkbox"/> Enhance Public Benefits From Trees and Forests <input checked="" type="checkbox"/>

Project Description	
7	<p>Maximum 5500 Characters Including Spaces – Clearly summarize the proposed project, including goals, objectives, measurable outputs, outcomes, and how grant funds will be used towards successful completion of the project.</p> <p>Under active Community Wildfire Protection Plans (CWPP’s), four national forests, four indian reservations, and five counties, this project area encompasses three major landscapes as defined in Arizona’s 2007 “Statewide Strategy for Restoring Arizona’s Forests”. This proposal will address the second priority recommendation in the Statewide Strategy that addresses the need for increased community wildfire protection. The project area is primarily forested, including spruce-fir, mixed conifer, ponderosa pine, pinyon-juniper, and chaparral vegetation types. The larger communities within the project area include Flagstaff, Prescott, Sedona, Payson, Whiteriver, and Show Low. Some of Arizona’s most devastating fires have occurred in this region, the most renown being the 2002 Rodeo-Chedeski Fire that burned 460,000 acres and destroyed over 400 homes. The project area has experienced 23 Type 2 and 11 Type 1 Complexity Fires in the last nine years.</p> <p>This grant proposal is to develop and implement a standardized community based assessment of individual neighborhoods based on Firewise principles. These assessments will lead to measurable outcomes that can be targeted and tracked so that communities can adequately prioritize mitigation needs. The goal is to achieve fire adapted and defensible communities through implementation of Firewise principles. These assessments will complement existing CWPP’s by providing smaller scale (subdivision/HOA level) assessments. The local partners</p>

¹ ‘Cash’ is the value of any qualifying match the applicant pays for such as cash, staff time, supplies, or equipment.

² ‘In-Kind’ is the value of any qualifying match contributed by a non-federal 3rd party contributor such as donated time, supplies, or equipment.

listed in Section 2 above are all active participants and committed in addressing these interface issues.

Specific Programs and Relation to Grant Objectives:

Training: Train approximately 300 fire department, agency, and community personnel to meet Arizona State "Firewise Assessor or Advisor" certification. Train an additional 100 personnel to proficiency in ArcMap and Red Zone software programs. The Arizona State Forestry Division will utilize existing division personnel, temporary personnel, and partner agency personnel to conduct the courses. The training will incorporate the 2006 "Assessing Wildfire Hazards in the Home Ignition Zone" course and will include additional field based forest health, forest management, and urban forest training. Specialized training classes will be provided in GIS subdivision hazard mapping and the use of hazard data collection software/hardware (Arcmap 9.3, Redzone Software). This training will meet the intended objectives by teaching a standardized Firewise assessment system and by building community capacity through the certification of 300 new Firewise assessors/advisors.

Equipping: Purchase and assemble 5 Firewise GIS/Field Kits for loan and to utilize for training. Each "GIS Kit" is to consist of a small inkjet plotter, laptop computer with Arcmap 9.3 Software, PDA's units with Red Zone software, GPS units, and miscellaneous forest measurement tools. These loaner kits will be strategically stationed across the five county region and will be utilized by local community organizations to develop maps and associated data attributes. This will meet the objectives by allowing communities to graphically and numerically track assessments and prioritize mitigation needs.

Organization: Organize 30 new communities to meet "Firewise USA" recognition and standards and encourage local governments and developers to address Firewise standards on planned subdivision. This national program requires communities to develop community Firewise boards, complete Firewise/forest management plans, perform mitigation, and document accomplishments. An upcoming National Firewise program will allow us to recognize local governments for their achievements. Our experience with this Firewise program (33 recognized communities statewide) shows it to be an effective catalyst in promoting and achieving defensible communities. As one subdivision receives Firewise status, it spurs neighboring subdivisions into action. This will meet the primary program goal of achieving defensible communities.

Grant Fund Utilization:

Grant funds will be used for temporary employees and/or contract instructor salaries, course training and instructor materials, GIS/Red Zone Loaner Kit equipment purchases (small plotter, laptop, software, field PDA's for Red Zone), forestry measurement tools (clinometers, d-tape, prisms, etc) , and travel/transportation costs.

Program Integration

Maximum 1250 Characters Including Spaces

8

This proposal will integrate at the regional level Cooperative Forest Health, Cooperative Fire Protection and Rural Assistance, and Urban Forestry programs by building technical capacity within fire departments and homeowner groups in Firewise principles, wildland fire behavior, forest health prescriptions, and urban tree management. All of these cooperative programs will complement and provide synergy to the program outcome that would not otherwise be achieved in single focus delivery. The Forest Health and Urban Forestry programs will provide instructional expertise and course materials to the Firewise training curriculum. The result will be trained local cooperators who will not only assess interface areas for hazardous fuel modification, but also will assess forest health conditions and utilize urban tree care standards.

This program will also complement CWPPs and Western WUI Grant Funds. For existing CWPPs, it will provide more finite and useful assessments that will ultimately better prioritize WUI funds. Communities needing CWPPs will have more access to trained local personnel who can assist in subdivision assessment, plan development, and associated mapping.

Collaboration	
9	<p>Maximum 1250 Characters Including Spaces</p> <p>The initial collaboration for this program began with the Prescott Area Wildland Urban Interface Commission, County Level Fire Chief Organizations, the University of Arizona Cooperative Extension Service, and the Arizona Firewise Subcommittee (A Federal/State/Local Firewise workgroup chartered by the Southwest Area Coordinating Group) . These initial entities steered the development of this proposal and are committed to the successful outcome. The other listed partnering agencies have also come aboard and will cooperate in both the delivery and receiveables of the program by providing expertise, instructors, financial support, public outreach, and trainees.</p> <p>In addition, the federal land management agencies including the Tonto, Prescott, Coconino, and Apache Sitgreaves National Forests, Phoenix District Bureau of Land Management, and Western Region of Bureau of Indian Affairs are committed to the achievement of this project's mutual outcomes. Additional outreach will be made to non-traditional partners such as small tribal communities and homeowner groups outside of fire protection districts to further enhance the delivery and outcome.</p>

Leverage	
10	<p>Maximum 1250 Characters Including Spaces</p> <p>This project leverages funds, expertise, personnel, technology, equipment, media, and programs to exponentially increase and sustain outcomes. An estimated \$105,000 will be leveraged from the parterships. The broad group of partners and their numerous leveraged resources will enhance state capacity needs and fully share the S & PF mission in meeting the project outcomes. Contributed time from partner agencies and donated time from homeowner groups will multiply the number of courses delivered and students trained. Existing WUI assessment and mapping expertise from the PAWUIC, University of Arizona Coop. Extension, and Fire Chief’s organizations will be utilized to increase delivery and reduce instructor costs. The development of “loaner GIS/Red Zone Kits” will expand access to previously unattainable technology. Communities meeting Firewise USA status will receive extensive public information coverage through local and statewide media outlets and the State Forester’s webpage. This coverage will encourage other communities to develop Firewise and promote healthy forest practices. Local, state, and federal political leaders attending recognition events will spotlight the programs success and promote program expansion .</p>

Meaningful Scale	
11	<p>Maximum 1250 Characters Including Spaces</p> <p>This project strategically targets priority landscapes in Central Arizona that have numerous catastrophic fires, increasing urban interface growth, and committed partners. The project area covers five counties, four Indian reservations, 19 towns with a combined 243,000 population, and 150+ unincorporated communities. This is a meaningful scale that will assure an adequate resource base and program participation to meet the goal. The project will train and certify 300 to 400 new local community and agency personnel that will apply that expertise in their communities and neighboring communities. GIS/Assessor Kits will be strategically located throughout the region for checking out that will provide useful technology to communities. The number of communities achieving Firewise USA status is expected to more than double under this program which will affectively begin to connect the defensible space dots between landscapes.</p>

Sphere of Influence	
12	<p>Maximum 1250 Characters Including Spaces</p> <p>Rapid urbanization of our wildland areas and unhealthy forest related to the urbanization are a common priority issues affecting both Arizona and the United States. This program can be used as a template throughout Arizona and the western states to achieve fire adapted and defensible communities. This program model will be evaluated and improved as necessary before replicating it to other regions of the State. Sharing the program and lesson learned with the Arizona Fire Chief's Association, Arizona Emergency Service Association, Federal Agency Fire Managers, and local government political councils will be the avenue to promote it further within Arizona. Outside Arizona, the project lessons will be provided to the Western State Fire Managers and the National Firewise/USA Program for potential replication.</p>

Sustainability of Outcomes	
13	<p>Maximum 1250 Characters Including Spaces</p> <p>The emphasis of this proposal is to train community and local agency personnel to develop in-house expertise to perform their own standardized assessments. By training community members about the integrated concepts of forest health, fire behavior, and fire mitigation they will better understand and truly own the problem and challenges of living in fire prone landscapes. Personnel and community ownership and understanding of the problem will create more enduring and sustainable commitment to mitigation the problem.</p> <p>The project is expected to certify up to 400 new assessors who will be trained and available to sustain existing and new projects. These newly trained individuals will multiply the outcomes by instructing other individuals inside their communities, and becoming a resource for communities who do not have the expertise. The Firewise USA Program promotes outcome sustainability by requiring communities to recertify each year by providing documentation that they have achieved progress towards their community Firewise Plan.</p>