

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

Filename	
2010_Stewardship-KPB proposal.doc	
Administration Information	
Dollar Amount Requested:	<b>\$111,500</b>
Matching Share:	<b>\$119,500</b>

Applicant Information	
<b>State Forestry Agency:</b>	State of Alaska
<b>Contact Person:</b>	Jeff Graham
<b>Address:</b>	101 Airport Road
<b>City/State/Zip Code:</b>	Palmer, AK 99645
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Project Information			
<b>Descriptive Title of Project:</b>	Kenai Peninsula bark beetle mitigation		
<b>Names of Partnering Agencies / Organizations:</b>	Kenai Peninsula Borough-Spruce Bark Beetle Mitigation Program, Local homeowners, Trinity Greenhouse, Morgan Steel, Kenai Soil & Water Conservation District, Homer Soil and Water Conservation Districts, NRCS, City of Soldotna, Anchor Point community and Home Depot.		
<b>State(s):</b>	Alaska	<b>Congressional Districts:</b>	At large
<b>Counties:</b>	Kenai Peninsula Borough	<b>Forest Service Regions:</b>	Alaska Region - 10

Total Leverage							
Please specify each 3 <sup>rd</sup> 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.							
<b>Contributors:</b> (Please specify by name)	Kenai Peninsula Borough	City of Soldotna	Local Businesses	Local Nurserys	Anchor Point Community	Homeowners	<b>TOTAL</b>
<b>Value of Contributions:</b>	\$100,000	\$2,000	\$2,500	\$2,000	\$1,000	\$12,000	<b>\$119,500</b>

Project Budget					
	Grant Share (\$ requested)	Applicant	Non-Federal Contributors	TOTAL	
		Cash <sup>1</sup>	In-Kind <sup>2</sup>		
4	<b>Personnel / Labor:</b>	\$47,000	\$0	\$40,000	<b>\$87,000</b>
	<b>Fringe Benefits:</b>	\$0	\$0	\$0	<b>\$ 0</b>
	<b>Travel:</b>	\$3,200	\$0	\$0	<b>\$3,200</b>
	<b>Equipment:</b>	\$0	\$0	\$0	<b>\$ 0</b>
	<b>Supplies:</b>	\$40,000	\$57,000	\$2,500	<b>\$99,500</b>
	<b>Contractual:</b>	\$8,000	\$20,000	\$0	<b>\$28,000</b>
	<b>Construction:</b>	\$0	\$0	\$0	<b>\$ 0</b>
	<b>Other:</b>	\$0	\$0	\$0	<b>\$ 0</b>
	<b>Indirect Costs:</b>	\$13,300	\$0	\$0	<b>\$13,300</b>
	<b>TOTAL:</b>	<b>\$111,500</b>	<b>\$77,000</b>	<b>\$42,500</b>	<b>\$231,000</b>

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

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

Project Description	
<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>The purpose of this project is recovery from spruce bark beetle epidemic by planting trees on private lands, planting on community public lands, increase defensible space in Home Ignition Zones, and encourage Firewise for all seasons.</p>	
7	<p>White spruce forests of Kenai Peninsula Borough suffered a major outbreak of spruce bark beetle from 1993 to 2000. There are approximately 693,800 WUI acres of stands containing dead white spruce that have a high or extreme hazard rating. The amount of privately-owned of that total is 249,000 acres. 231,400 acres of these privately owned stands are on parcels 50 acres or less.</p> <p>Reforestation has lagged among these landowners due to limited funding and experience. Beginning in 2010, the Kenai Peninsula Borough will be funding and conducting reforestation operations available to private lands. Seedlings will be procured and planting crews will be contracted. Extensive financial contribution of landowners will not be required. The purpose of this 2010 competitive grant will be, in part, to prepare or revise Forest Stewardship plans for private landowners receiving reforestation services. Plans will identify locations for</p>

<sup>1</sup> 'Cash' is the value of any qualifying match the applicant pays for such as cash, staff time, supplies, or equipment.

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

reforestation, develop planting prescriptions, and provide information to landowners regarding plantation maintenance. An estimated 20 Forest Stewardship plans will be prepared and 1000 acres will be reforested.

Additionally grant funds will be used for personnel to assist in Firewise home assessments, and to conduct FireWise or Home Ignition Zone (HIZ) training to interested groups. 200 personal contacts will be made to help landowners who have questions on reforestation, Forest Stewardship Plans, Community Forestry, and/or Firewise programs. Grant funds will be used to assist landowners who engage in forest health activities on their property by altering hazard fuels in their HIZ the homeowner in the form purchase and planting a Birch or Mt. Ash with a wire cage to protect the tree from moose.

Similarly communities suffered loss of spruce trees in parks, schools, and along streets. The incentive portion of this grant will apply to community activities as well. The City of Soldotna and community of Anchor Point will be used as example of tree planting for urbanized areas. 400 trees will be planted in the WUI on both private and community property included in Community Wildfire Protection Plans.

<b>8</b>	<b>Program Integration</b>
	<p><b>Maximum 1250 Characters Including Spaces</b></p> <p>This project will integrate all State and Private Forestry programs. The spruce beetle outbreak was thoroughly evaluated and tracked by the Forest Health program, and spruce beetle monitoring continues today. The Kenai Peninsula Borough- Spruce Bark Beetle Mitigation Program (SBB) has completed extensive mapping of fuel types and hazard risk ratings. Forest Stewardship has assisted many landowners impacted by spruce beetle with site assessments and written plans. Division of Forestry and SBB have entered into several cooperative agreements in order to share expertise in fire prevention education, to promote firewise activities, forest stewardship and forest health. This assistance will continue with this project. The SBB reforestation activities will involve scarification and tree planting which will contribute to fire prevention by reducing herbaceous fuels near homes. Planting trees on public lands in communities will promote urban and community forestry programs. The Alaska urban and community forestry program will provide training and publications on best management practices for planting. The Conservation education staff will offer Fire in Alaska workshops to Kenai Peninsula communities.</p>

<b>9</b>	<b>Collaboration</b>
	<p><b>Maximum 1250 Characters Including Spaces</b></p> <p>The Alaska Division of Forestry and the Kenai Peninsula Borough have a long history of collaboration, including the 1992 Forest Health Initiative, the 1998 Spruce Bark beetle Task, and numerous cooperative agreements such as for reforestation of spruce beetle kill, Firewise home assessment teams, and homeowner defensible space cost-share contracts. Additionally, public and private landowners have been meeting for several years in an All-Hands-All-lands forum. Local residents have a proven track record of contributing 50/50 for defensible space projects. Beginning in 2005, the Kenai Peninsula Borough took the lead in assisting communities development of Community Wildfire Protection Plans (CWPPs). Communities of Soldotna and Anchor Point participated in CWPP preparation and now have expressed intent to contribute toward community tree planting to replace beetle kill. They will select planting sites where spruce bark beetle killed trees were removed and high visibility areas to promote community forestry. Local businesses will provide project supplies at a discounted price. A local nursery will provide discounted prices as in-kind contributions for seedlings and saplings as well as tree care advice for this collaborative project.</p>

<b>10</b>	<b>Leverage</b>
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Maximum 1250 Characters Including Spaces

Leverage funding will mostly come from the Kenai Peninsula Borough in the form of tree purchase and planting contracts. In-kind funding will come from private landowners assisting with Forest Stewardship plan preparation and Firewise work near homes. Additional in-kind support will be from local businesses, the City of Soldotna and community of Anchor Point, Soil and Water Conservation Districts, and NRCS. These groups from businesses to agencies to landowners to local government to borough government will be contributing to the success of this project. Because of this more landowners will be made aware of the resources that are available to assist and encourage them to take an active part in their community forest.

**Meaningful Scale**

Maximum 1250 Characters Including Spaces

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This project will occur on a portion of Kenai Peninsula Borough impacted by spruce bark beetle. Although all lands cannot be addressed, the portions that are reforested will serve as a model for other landowners and communities in the Borough. Because the City of Soldotna is centrally located in the Kenai Peninsula Borough along the Sterling Highway the city parks are heavily used by residents and visitors alike. Anchor Point community is also along the Sterling Highway but in the southern part of the Kenai Peninsula Borough. The visibility of plantings in each of these community's parks and along streets and continued assistance to private landowner's reforestation activities will serve to encourage more involvement in Firewise action and community forestry.

**Sphere of Influence**

Maximum 1250 Characters Including Spaces

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Due to expanding WUI, decades of successful fire suppression resulting in a buildup of fuels, and unprecedented large scale insect outbreaks, and changing weather patterns, the Kenai Peninsula Borough communities are not unique in their potential for a catastrophic Wildland fire event. Within the last three years, two type-1 FEMA fires and one NIMO incidents have occurred on the Kenai Peninsula. It is through individual landowner's participation that healthy forests will be established and maintained. Each unique way to encourage this participation needs to be shared and replicated in similarly situated areas.

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**Sustainability of Outcomes**

Maximum 1250 Characters Including Spaces

This grant will provide needed support for reforestation that will establish spruce which should remain for 60 or more years. Spruce beetle is believed to be cyclic in Alaska, however forests younger than 60 years are seldom affected. Forest health specialists believe that local spruce seed source is preferable in Alaska to exotic tree species. Forest Stewardship plans are prepared with a 10-year action plan. Revision before 10 years may occur, but only if landowner objectives significantly change, such as with a change in ownership. Landowners will be provided with information regarding plantation maintenance and management, such as potential damaging insects. Landowners are also provided with Firewise information tailored to Alaska, including home site defensible space.