

2014 Army Pre-proposal {Draft}

8/14/2013

Administrative

Author: Steven McLay Created: 07/23/2013

steven.n.mclay.mil@mail.mil

Coauthor: Last Accessed: 08/14/2013

Current Owner: Steven McLay

Project Title: Weed Spotter Mobile App

Sponsor: Army Division: Army National Guard

Have you already made contact with the abovementioned sponsor?

Yes

Installation(s):

Name: POC: POC Email:

Primary Najaf Training Center (Camp Adair) LTC Ken Nygren ken.a.nygren.mil@mail.n

State: OR Country:

Cont. Proj.: No

To the best of your knowledge, is your work original and not duplicative of existing efforts?

Yes

Will you need access to a DoD installation?

Resource Type: Natural Resources **Exp Compl. Date:** 09/14/2015

Primary Theme: Invasive Species

Sec. Theme: Habitat Restoration/Enhancement

Areas of Emphasis

Area of Emphasis

Communication, Partnerships, and Public Awareness

Budget Items

Requesting Organization #1: Benton Soil and Water Conservation District

Item	Description	Item Cost (\$)
Other Labor	Marketing designer to create billboard, posters, PowerPoint slides, website content, stickers/tattoos that will announce app,	\$10,000.00
	and display board	
Other Labor	Public service announcement (PSA) producer and related costs to create 30 second PSA	\$500.00
Overhead/Admin	General administrative, supply and utility costs (17.5%)	\$37,166.00
Materials/Supplies	Billboard sign production (printing) (see match section)	\$1,260.00
Other Labor	1 year of post-production mobile app maintenance	\$2,000.00
Salary	Project Manager - to oversee project research, documentation, and report of findings	\$19,200.00
Other Labor	Videographer to create three-minute video for use at events and for promotion on websites, Facebook pages, and to be posted on YouTube, and a 30 second pre-roll version	\$5,000.00
Materials/Supplies	Display board	\$1,000.00
Materials/Supplies	Video- 20-30 hard copies for Najaf Training Center and CWMA partners	\$250.00
Salary	In-house contract oversight, legal review, steering committee participation. (36/hr for 150 hrs)	\$5,400.00
Other	Running of PSA on 5 broadcast platforms and 3 digital platforms, 10 times/wk for 16 weeks (Broad Rotator)-75/commercial on broadcast and 5/commercial on digital (170,000 listeners/week)(10x16x5x75+10x16x2x5 = 61,600) MATCHED (see match section)	\$61,600.00
Other	Rental of billboard space and printing - six billboards for 16 weeks each. (1290 for rental of space for 4 week period) (see matched section)	\$11,640.00
Materials/Supplies	Promotional cards with QR code, Posters, Stickers, tattoos with application information	\$3,000.00
Other Labor	Project evaluation (contractor) 80 hrs at 50/hr- follow up with target audiences	\$4,000.00
Travel	Attendance at December 2014 Interagency Noxious Weed Symposium to meeting sites	\$110.00
Other Labor	Microsite landing page design	\$4,000.00
Other Labor	Mobile application developer to develop, beta-test, and revise app	\$30,000.00
Materials/Supplies	Boot brushes with application information printed on them- 5000 @ 3.25 each	\$16,250.00
	Total Award Request:	\$212,376
	Total Legacy Funds Requested:	\$212,376

Summary of Recipient's Cost Sharing or Matching Contributions

Requesting Organization #1: Benton Soil and Water Conservation District

Item	Description	Value
Services and property	Third party in-kind - BiCoastal Media- Running of PSA on 5	\$61,600
contributions	broadcast platforms and 3 digital audio platforms, 10 times/wk for 16 weeks (Broad Rotater), 75/commercial	
Services and property contributions	Partners promote app and weed awareness, display materials and share; beta-test app and OMD administration.	\$7,452
Loaned or donated equipment (including space)	Classroom space at Najaf Training center. Meetings and training related to the project.	\$750
Volunteer services (skilled/unskilled labor)	beta-testing of application by volunteers and project partners	\$1,440
Services and property contributions	CBS Outdoor covers 22% of billboard costs	\$2,838
	Total Contributions	s: \$74,080

Expected Products

Requesting Organization #1: Benton Soil and Water Conservation District

Prod. Type	Description	Due Date
Outreach Tool	Web microsite landing page	09/14/2015
Software	Mobile application	09/14/2015
Poster for	To be hung in the range office, meeting rooms, local businesses, and partners	09/14/2015
Outreach	offices	
Final Report	Report on the project, evaluation, and next steps	09/14/2015
Fact Sheet	The Fact Sheet is a required product for all Legacy projects.	09/14/2015
Outreach Tool	Website advertisement to promote the use of application	09/14/2015
Video Footage	YouTube video (2-3 min and 30 sec versions)	09/14/2015
Awareness Tool	Public service announcement (30 sec)	09/14/2015
Awareness Tool	Stickers, Boot brushes, tattoos, promotional cards, display board, and banner	09/14/2015
GIS Data	Data gathered by application users - sent to Oregon Invasive Hotline	09/14/2015
Training	PowerPoint training slides for Web App	09/14/2015
Curriculum		
Poster for	Billboards (6 each)	09/14/2015
Outreach		

Contributing Partners

Contributing	Partner	#1:	Oregon	Military	Department

Total Contributions by Oregon Military Department: Stem Description Value Services and property cont beta-test application spare materials. Services and property cont Discuss in newsletters and post link on website. Total Contributions by Benton County Natural Areas and Parks Services and property cont Discuss in newsletters and post link on website. Total Contributions by Benton County Natural Areas and Parks: Services and property cont Discription Contributing Partner #11: Benton Soil and Water Conservation District Item Description Total Contributions by Benton Soil and Water Conservation District: Total Contributions by Benton Soil and Water Conservation District: Services and property cont Discuss in newsletters and post link on website Services and property cont Discuss in newsletters and post link on website Services and property cont Discuss in newsletters and post link on website Services and property cont Discuss in newsletters and post link on website Services and property cont Discuss in newsletters and post link on website Services and property cont Discuss in newsletters and post link on website Services and property cont Brief app at 2 presentations, share materials. Services and property cont Brief app at two presentations by Institute for Applied Ecology: Total Contributions by Institute for Applied Ecology: Services and property cont Advertise and post link on website Services and property cont Advertise and post link on website Services and property cont Advertise and post link on website Services and property cont Advertise and post link on website Services and property cont Advertise and post link on website Services and property cont Brief app in at least two presentations and Development Item Description Value Services and property cont Brief app in at least two presentations Services and property cont Brief app in at least two presentations Services and property cont Brief app in at least two presentations Services and property cont Brief app in at least two	Item	Description	Value
Total Contributions by Oregon Military Department: Item Description Value Services and property cont beta-test application 5128 Services and property cont Discuss in newsletters and post link on website. Total Contributions by Benton County Natural Areas and Parks Contributing Partner #11: Benton Soil and Water Conservation District Item Description Value Services and property cont Attend education and outreach mtgs during project 5512 Contributing Partner #12: Institute for Applied Ecology Item Description Value Services and property cont Discuss in newsletters and post link on website 542 Contributing Partner #12: Institute for Applied Ecology Item Description Value Services and property cont Discuss in newsletters and post link on website 543 Services and property cont Discuss in newsletters and post link on website 544 Services and property cont Discuss in newsletters and post link on website 545 Services and property cont Discuss in newsletters and post link on website 545 Services and property cont Discuss in newsletters and post link on website 545 Services and property cont Discuss in newsletters and post link on website 545 Services and property cont Discuss in newsletters and post link on website 545 Services and property cont Discuss in newsletters and post link on website 545 Services and property cont Deta-test app 541 Services and property cont Deta-test app 541 Services and property cont Deta-test app 645 Services and property cont Deta-test application 541 Services and property cont Deta-test application 641 Services and property cont Deta-test application 642 Services and property cont Deta-test application 643 Services and property cont Deta-test application 644 Services and property cont Deta-test application 644 Services and property cont Deta-test application 645 Services an	Loaned or Dona	ted Equipn Classroom and equipment	\$750
Contributing Partner #10: Benton County Natural Areas and Parks Item Description Value Services and property cont beta-test application \$128 Volunteer services (skilled Brief app at two presentations, share materials. \$128 Services and property cont Discuss in newsletters and post link on website. \$64 Total Contributions by Benton County Natural Areas and Parks: \$320 Contributing Partner #11: Benton Soil and Water Conservation District Yalue Services and property cont. Attend education and outreach mtgs during project \$512 Total Contributions by Benton Soil and Water Conservation District: \$512 Contributing Partner #12: Institute for Applied Ecology Item Description Yalue Services and property cont Discuss in newsletters and post link on website \$64 Services and property cont Brief app at 2 presentations, share materials. \$128 Total Contributions by Institute for Applied Ecology: \$320 Contributing Partner #13: Siuslaw National Forest Item Description Yalue Services and property cont Brief app at two presentations, share materials. \$128	Services and pro	operty cont Administration, logistics	\$2,300
Item Description Value Services and property cont beta-test application \$128 Volunteer services (skilled Brief app at two presentations, share materials. \$128 Services and property cont Discuss in newsletters and post link on website. \$64 Total Contributions by Benton County Natural Areas and Parks: \$320 Contributing Partner #11: Benton Soil and Water Conservation District Value Services and property cont Attend education and outreach mtgs during project \$512 Contributing Partner #12: Institute for Applied Ecology Item Description Value Services and property cont Discuss in newsletters and post link on website \$64 Services and property cont Brief app at 2 presentations, share materials. \$128 Services and property cont beta-test app \$128 Contributing Partner #13: Suslaw National Forest Item Description Value Services and property cont Brief app at two presentations, share materials. \$128 Services and property cont Advertise and post link on website		Total Contributions by Oregon Military Department:	\$3,050
Services and property cont beta-test application \$128 Volunteer services (skilled Brief app at two presentations, share materials. \$128 Services and property cont Discuss in newsletters and post link on website. \$64 Total Contributions by Benton County Natural Areas and Parks: \$320 Contributing Partner #11: Benton Soil and Water Conservation District Item Description Value Services and property cont Attend education and outreach mtgs during project \$512 Contributing Partner #12: Institute for Applied Ecology Item Description Value Services and property cont Discuss in newsletters and post link on website \$64 Services and property cont Brief app at 2 presentations, share materials. \$128 Services and property cont beta-test app Total Contributions by Institute for Applied Ecology: Services and property cont Brief app at 2 presentations, share materials. \$128 Services and property cont beta-test app Total Contributions by Institute for Applied Ecology: Services and property cont beta-test app Total Contributions by Institute for Applied Ecology: Services and property cont beta-test app Total Contributions by Institute for Applied Ecology: Services and property cont beta-test application Services and property cont Advertise and post link on website Services and property cont Advertise and post link on website Services and property cont Advertise and post link on website Services and property cont Advertise and post link on website Total Contributions by Suslaw National Forest: Total Contributions by Suslaw National Forest: Total Contributions by Suslaw National Forest: Sources and property cont Brief app in the least two presentations Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations Sources and property cont Discuss in newsletters and post link on website Source Conservation and Development Item Description Sources and property cont Brief app in at least two prese	Contributing P	Partner #10: Benton County Natural Areas and Parks	
Volunteer services (skilled Brief app at two presentations, share materials. Services and property cont Discuss in newsletters and post link on website. Total Contributions by Benton County Natural Areas and Parks: Sacontributing Partner #11: Benton Soil and Water Conservation District Item Description Value Services and property cont Attend education and outreach mtgs during project Total Contributions by Benton Soil and Water Conservation District: S512 Contributing Partner #12: Institute for Applied Ecology Item Description Value Services and property cont Discuss in newsletters and post link on website Services and property cont Brief app at 2 presentations, share materials. Services and property cont beta-test app Total Contributions by Institute for Applied Ecology: Services and property cont Brief app at two presentations, share materials. Services and property cont Brief app at two presentations, share materials. Services and property cont Brief app at two presentations, share materials. Services and property cont Brief app at two presentations, share materials. Services and property cont Advertise and post link on website Services and property cont Advertise and post link on website Services and property cont Advertise and post link on website Services and property cont Advertise and post link on website Total Contributions by Siuslaw National Forest: Total Contributions by Siuslaw National Forest: Sources and property cont Advertise and post link on website Sources and property cont Brief app in at least two presentations Sources and property cont Brief app in at least two presentations Sources and property cont Brief app in at least two presentations Sources and property cont Brief app in at least two presentations Sources and property cont Brief app in at least two presentations	Item	Description	Value
Services and property cont Discuss in newsletters and post link on website. Total Contributions by Benton County Natural Areas and Parks:	Services and pro	operty cont beta-test application	\$128
Contributing Partner #11: Benton Soil and Water Conservation District Item Description Value Services and property cont Attend education and outreach mtgs during project Total Contributions by Benton Soil and Water Conservation District: S512 Contributing Partner #12: Institute for Applied Ecology Item Description Value Services and property cont Brief app at 2 presentations, share materials. Services and property cont beta-test app Total Contributions by Institute for Applied Ecology: Services and property cont beta-test app Total Contributions by Institute for Applied Ecology: Services and property cont beta-test app Total Contributions by Institute for Applied Ecology: Services and property cont Brief app at two presentations, share materials. Services and property cont Brief app at two presentations, share materials. Services and property cont beta-test application Services and property cont Advertise and post link on website Services and property cont Advertise and post link on website Services and property cont Attend education and outreach mtngs during project Total Contributions by Siuslaw National Forest: Total Contributions by Siuslaw National Forest: Total Contributions by Siuslaw National Forest: Services and property cont Brief app in at least two presentations Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Brief app in at least two presentations Services and property cont Brief app in at least two presentations Services and property cont Brief app in at least two presentations Services and property cont Brief app in at least two presentations Services and property cont Brief app in at least two presentations Services and property cont Brief app in at least two presentations Services and property cont Brief app in at least two presentations Services and property cont Brief app in at least two presentations	Volunteer service	ees (skilled Brief app at two presentations, share materials.	\$128
Contributing Partner #11: Benton Soil and Water Conservation District Item Description Attendeducation and outreach mtgs during project Scile and property cont Attendeducation and outreach mtgs during project Total Contributions by Benton Soil and Water Conservation District: \$512 Contributing Partner #12: Institute for Applied Ecology Item Description Value Services and property cont Discuss in newsletters and post link on website Scile and property cont Brief app at 2 presentations, share materials. \$128 Services and property cont beta-test app Scile and Contributions by Institute for Applied Ecology: \$320 Contributing Partner #13: Siuslaw National Forest Item Description Value Services and property cont Brief app at two presentations, share materials. \$128 Services and property cont Brief app at two presentations, share materials. \$128 Services and property cont Advertise and post link on website \$128 Services and property cont Advertise and post link on website \$128 Services and property cont Advertise and post link on website \$128 Services and property cont Attende education and outreach mtngs during project \$128 Services and property cont Attende deducation and outreach mtngs during project \$128 Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations \$648 Services and property cont Brief app in at least two presentations \$648 Services and property cont Brief app in at least two presentations \$648 Services and property cont Brief app in at least two presentations \$648	Services and pro	operty cont Discuss in newsletters and post link on website.	\$64
ItemDescriptionValueServices and property contAttend education and outreach mtgs during project\$512Total Contributions by Benton Soil and Water Conservation District:\$512Contributing Partner #12: Institute for Applied EcologyItemDescriptionValueServices and property contDiscuss in newsletters and post link on website\$64Services and property contBrief app at 2 presentations, share materials.\$128Services and property contbeta-test app\$320Contributing Partner #13: Siuslaw National ForestYalueItemDescriptionValueServices and property contBrief app at two presentations, share materials.\$128Services and property contBrief app at two presentations, share materials.\$128Services and property contAdvertise and post link on website\$32Services and property contAdvertise and post link on website\$32Services and property contAttend education and outreach mtngs during project\$512Total Contributions by Siuslaw National Forest:\$800Contributing Partner #14: Cascade Pacific Resource Conservation and DevelopmentYalueServices and property contBrief app in at least two presentations\$64Services and property contBrief app in at least two presentations\$64Services and property contBrief app in at least two presentations\$64		Total Contributions by Benton County Natural Areas and Parks:	\$320
Services and property cont Attend education and outreach mtgs during project Total Contributions by Benton Soil and Water Conservation District: S512 Contributing Partner #12: Institute for Applied Ecology Item	Contributing P	Partner #11: Benton Soil and Water Conservation District	
Total Contributions by Benton Soil and Water Conservation District: Contributing Partner #12: Institute for Applied Ecology Item Description Value Services and property cont Discuss in newsletters and post link on website \$64 Services and property cont Brief app at 2 presentations, share materials. \$128 Services and property cont beta-test app \$128 Total Contributions by Institute for Applied Ecology: \$320 Contributing Partner #13: Siuslaw National Forest Item Description Value Services and property cont Brief app at two presentations, share materials. \$128 Services and property cont beta-test application \$128 Services and property cont Advertise and post link on website \$32 Services and property cont Attend education and outreach mtngs during project \$512 Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations \$64 Services and property cont Brief app in at least two presentations \$64 Services and property cont Discuss in newsletters and post link on website \$64	Item	Description	Value
Contributing Partner #12: Institute for Applied EcologyItemDescriptionValueServices and property contDiscuss in newsletters and post link on website\$64Services and property contBrief app at 2 presentations, share materials.\$128Total Contributions by Institute for Applied Ecology:\$320Contributing Partner #13: Siuslaw National ForestItemDescriptionValueServices and property contBrief app at two presentations, share materials.\$128Services and property contbeta-test application\$128Services and property contAdvertise and post link on website\$32Services and property contAttend education and outreach mtngs during project\$512Total Contributions by Siuslaw National Forest:\$800Contributing Partner #14: Cascade Pacific Resource Conservation and DevelopmentItemDescriptionValueServices and property contBrief app in at least two presentations\$64Services and property contDiscuss in newsletters and post link on website\$64	Services and pro	operty cont Attend education and outreach mtgs during project	\$512
ItemDescriptionValueServices and property cont Discuss in newsletters and post link on website\$64Services and property cont Brief app at 2 presentations, share materials.\$128Services and property cont beta-test app\$128Total Contributions by Institute for Applied Ecology: 320Contributing Partner #13: Siuslaw National ForestItemDescriptionValueServices and property cont Brief app at two presentations, share materials.\$128Services and property cont beta-test application\$128Services and property cont Advertise and post link on website\$32Services and property cont Attend education and outreach mtngs during project\$512Total Contributions by Siuslaw National Forest: 8800Contributing Partner #14: Cascade Pacific Resource Conservation and DevelopmentItemDescriptionValueServices and property cont Brief app in at least two presentations\$64Services and property cont Discuss in newsletters and post link on website\$64		Total Contributions by Benton Soil and Water Conservation District:	\$512
Services and property cont	Contributing P	Partner #12: Institute for Applied Ecology	
Services and property cont beta-test app Total Contributions by Institute for Applied Ecology: Sagonary Contributing Partner #13: Siuslaw National Forest Item Description Services and property cont Brief app at two presentations, share materials. Services and property cont beta-test application Services and property cont Advertise and post link on website Services and property cont Attend education and outreach mtngs during project Total Contributions by Siuslaw National Forest: S800 Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations \$64 Services and property cont Discuss in newsletters and post link on website \$65	Item	Description	Value
Services and property cont beta-test app Total Contributions by Institute for Applied Ecology: \$320 Contributing Partner #13: Siuslaw National Forest Item Description Value Services and property cont Brief app at two presentations, share materials. \$128 Services and property cont beta-test application \$128 Services and property cont Advertise and post link on website \$32 Services and property cont Attend education and outreach mtngs during project \$512 Total Contributions by Siuslaw National Forest: \$800 Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations \$64 Services and property cont Discuss in newsletters and post link on website \$64	Services and pro	operty cont Discuss in newsletters and post link on website	\$64
Total Contributions by Institute for Applied Ecology: \$320 Contributing Partner #13: Siuslaw National Forest Item Description Value Services and property cont Brief app at two presentations, share materials. \$128 Services and property cont beta-test application \$128 Services and property cont Advertise and post link on website \$32 Services and property cont Attend education and outreach mtngs during project \$512 Total Contributions by Siuslaw National Forest: \$800 Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations \$64 Services and property cont Discuss in newsletters and post link on website \$64	Services and pro	operty cont Brief app at 2 presentations, share materials.	\$128
Contributing Partner #13: Siuslaw National Forest Item Description Value Services and property cont Brief app at two presentations, share materials. \$128 Services and property cont beta-test application \$128 Services and property cont Advertise and post link on website \$32 Services and property cont Attend education and outreach mtngs during project \$512 Total Contributions by Siuslaw National Forest: \$800 Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations \$64 Services and property cont Discuss in newsletters and post link on website \$64	Services and pro	operty cont beta-test app	\$128
ItemDescriptionValueServices and property contBrief app at two presentations, share materials.\$128Services and property contbeta-test application\$128Services and property contAdvertise and post link on website\$32Services and property contAttend education and outreach mtngs during project\$512Total Contributions by Siuslaw National Forest:\$800Contributing Partner #14: Cascade Pacific Resource Conservation and DevelopmentItemDescriptionValueServices and property contBrief app in at least two presentations\$64Services and property contDiscuss in newsletters and post link on website\$64		Total Contributions by Institute for Applied Ecology:	\$320
Services and property cont beta-test application \$128 Services and property cont beta-test application \$128 Services and property cont Advertise and post link on website \$32 Services and property cont Attend education and outreach mtngs during project \$512 Total Contributions by Siuslaw National Forest: \$800 Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations \$64 Services and property cont Discuss in newsletters and post link on website \$64	Contributing P	Partner #13: Siuslaw National Forest	
Services and property cont beta-test application \$128 Services and property cont Advertise and post link on website \$32 Services and property cont Attend education and outreach mtngs during project \$512 Total Contributions by Siuslaw National Forest: \$800 Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations \$64 Services and property cont Discuss in newsletters and post link on website \$64	Item	Description	Value
Services and property cont Advertise and post link on website \$32 Services and property cont Attend education and outreach mtngs during project \$512 Total Contributions by Siuslaw National Forest: \$800 Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations \$64 Services and property cont Discuss in newsletters and post link on website \$64	Services and pro	operty cont Brief app at two presentations, share materials.	\$128
Services and property cont Attend education and outreach mtngs during project \$512 Total Contributions by Siuslaw National Forest: \$800 Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations \$64 Services and property cont Discuss in newsletters and post link on website \$64	Services and pro	operty cont beta-test application	\$128
Total Contributions by Siuslaw National Forest: \$800 Contributing Partner #14: Cascade Pacific Resource Conservation and Development Item Description Value Services and property cont Brief app in at least two presentations \$64 Services and property cont Discuss in newsletters and post link on website \$64	Services and pro	operty cont Advertise and post link on website	\$32
Contributing Partner #14: Cascade Pacific Resource Conservation and DevelopmentItemDescriptionValueServices and property contBrief app in at least two presentations\$64Services and property contDiscuss in newsletters and post link on website\$64	Services and pro	operty cont Attend education and outreach mtngs during project	\$512
ItemDescriptionValueServices and property contBrief app in at least two presentations\$64Services and property contDiscuss in newsletters and post link on website\$64		Total Contributions by Siuslaw National Forest:	\$800
Services and property cont Brief app in at least two presentations \$64 Services and property cont Discuss in newsletters and post link on website \$64	Contributing P	Partner #14: Cascade Pacific Resource Conservation and Development	
Services and property cont Discuss in newsletters and post link on website \$64	Item	Description	Value
	Services and pro	operty cont Brief app in at least two presentations	\$64
Total Contributions by Cascade Pacific Resource Conservation and Development: \$128	Services and pro	operty cont Discuss in newsletters and post link on website	\$64
		Total Contributions by Cascade Pacific Resource Conservation and Development:	\$128

Contributing Partner #15: Oregon State University College Forests

8		
Item	Description	Value
Services and property cont	Brief app at 2 presentations, share materials.	\$128
	Total Contributions by Oregon State University College Forests:	\$128
Contributing Partner #10	6: CBS Outdoor advertising	
Item	Description	Value
Services and property cont	Will cover 22% cost of the billboard campaign	\$2,838
	Total Contributions by CBS Outdoor advertising:	\$2,838
Contributing Partner #2:	Oregon State University Extension Service	
Item	Description	Value
Services and property cont	beta-test app	\$128
Services and property cont	Attend education and outreach mtng during project	\$512
Services and property cont	Discuss in newsletters and post link on website	\$64
Services and property cont	Brief app at two presentations, share materials.	\$128
	Total Contributions by Oregon State University Extension Service:	\$832
Contributing Partner #3:	Marys River Watershed Council	
Item	Description	Value
Services and property cont	Discuss in newsletters and post link on website	\$64
Services and property cont	beta-test Application	\$128
Services and property cont	Attend education and outreach mtng during project	\$512
Services and property cont	Brief app at 2 presentations, share materials.	\$128
	Total Contributions by Marys River Watershed Council:	\$832
Contributing Partner #4:	Luckiamute Watershed Council	
Item	Description	Value
Services and property cont	beta-test Application	\$128
Services and property cont	Discuss in newsletters and post link on website	\$64
Services and property cont	Brief app at two presentations, share materials.	\$128
	Total Contributions by Luckiamute Watershed Council:	\$320
Contributing Partner #5:	Greenbelt Land Trust	
Item	Description	Value
Services and property cont	Advertise and post link on website and newsletters	\$64
Services and property cont	Discuss in newsletters and post link on website	\$128
Services and property cont	beta-test Application	\$128
Services and property cont	Attend education and outreach mtngs during project	\$512
	Total Contributions by Greenbelt Land Trust:	\$832
	·	

Contributing Partner #6: Western Invasives Network

Item	Description	Value
Services and property con	nt Discuss in newsletters and post link on website	\$64
Services and property con	nt Brief app in at least two presentations	\$64
	Total Contributions by Western Invasives Network:	\$128
Contributing Partner #	7: Volunteers from various oranizations	
Item	Description	Value
Volunteer services (skille	ed Beta testing of application	\$1,440
	Total Contributions by Volunteers from various oranizations:	\$1,440
Contributing Partner #	8: CBS Corp. CBS Outdoor advertising	
Item	Description	Value
Services and property con	nt Will cover 22% cost of the billboard campaign	\$2,838
	Total Contributions by CBS Corp. CBS Outdoor advertising:	\$2,838
Contributing Partner #	9: BiCoastal Media (radio advertising)	
Item	Description	Value
Services and property con	nt BCM will double the run time of purchased air time	\$61,600
	Total Contributions by BiCoastal Media (radio advertising):	\$61,600

Project Detail

Project Synopsis:

Early Detection and Rapid Response (EDRR) is the most cost effective way to control small populations of invasive plants, and protect native habitats, plants, and animals. Najaf Training Center and Benton County Cooperative Weed Management Area (CWMA) will develop an innovative mobile app and supporting outreach materials. The app will give the user two dynamic pieces of information for the county and habitat in which the user is located-1) the top five EDRR species-2) the top five most common invasive species. The outreach materials will inform target audiences about invasive species and use of the app.

This project addresses Legacy's Invasive Species Area of Emphasis by involving a CWMA and implementing a mobile app to enhance regional biosecurity. It also addresses the Declining Habitat Area of Emphasis by enhancing the protection of native Willamette Valley habitats, including wetlands, oak woodlands and upland savannas, which are strategy habitats in the Oregon Conservation Strategy.

Approach & Work Plan:

Abstract:

Oak woodlands once covered about 400,000 acres in the Willamette Valley, but currently less than 28,000 acres remain. After prevention of invasive species establishment, Early Detection and Rapid Response (EDRR) is the most cost effective way to control small populations of new invaders and protect native habitats, plants and animals. This project will serve as an excellent model of stewardship, leadership and partnership. Najaf Training Center and Benton County Cooperative Weed Management Area (members include over 20 federal and non-profit organizations) will work together to develop an innovative EDRR mobile application and a comprehensive suite of supporting outreach materials to engage target audiences in detection of invasive plants. Target audiences of this project include military members, their families, others who use the Najaf Rifle Range as a training facility and civilians who recreate in the natural areas and parks within Benton County. The Weed Spotter Mobile Application will be available for Android and iPhone platforms, and give the user two dynamic pieces of information dependent on the county and habitat where the user is located: 1) the top five EDRR species or "What to Report"; and 2) the top five most common invasive species or "What NOT to Report". The mobile application will access vegetation data available through the Oregon Explorer database and invasive species location information via Oregon Department of Agriculture's Weed Mapper database. When a user positively identifies one of the top five EDRR plants. they will be able to report it to the Oregon Invasives Hotline. Hotline reports are immediately fielded by hotline managers who are able to confirm reports and inform the appropriate land managers. This system allows the land managers to respond rapidly and avoid large scale infestations. As mentioned above, the user will also learn the top five invasive plants they are likely to see in any particular county and habitat type. These are plants that are widespread and should not be reported. The Weed Spotter Mobile App will be the first application to help untrained civilians and military members differentiate between widespread invasive species and EDRR species worth A second goal of the project is to encourage the target audiences to clean weed seeds from their clothing, gear and pets before and after recreating in parks and natural areas and training at the Najaf Rifle Range. To accomplish this behavior change, boot brushes printed with information about the Weed Spotter Mobile App will be distributed to the target audiences. The application will be developed, beta-tested and refined by November 2014. Then, beginning in that same month, the outreach materials will be deployed. Outreach will be heavily concentrated during the spring and summer of 2015 with a 16-week media blitz. The media blitz will include: 1) six billboards that will display information about the new mobile application and invasive weed awareness; and 2) a 30-second public service announcement that will run on five regional radio stations and radio websites. Military members and civilians who use Najaf during this timeframe will receive complimentary boot brushes for weed seed removal and will see a poster, video or PowerPoint presentation that describes the problem of invasive species and how they can help by downloading and using the free mobile application. During the same period, partners of the Benton County Cooperative Weed Management Area will give their constituents boot brushes and disseminate the supporting outreach materials via their websites, presentations, at events and in various other formats (see Expected Products section). addresses the Legacy Grant's Invasive Species Area of Emphasis by involving a Cooperative Weed Management Area and implementing a new Early Detection and Rapid Response (EDRR) mobile application to enhance regional biosecurity. It also addresses the Declining Habitat Area of Emphasis by mobilizing civilian and military personnel in the search for small populations of newly established invasive species that threaten native Willamette Valley habitats, including wetlands, oak woodlands and upland savannas. Both oak woodlands and upland savannas are listed as key strategy

habitats in the Oregon Conservation Strategy and the Benton County Prairie Conservation Strategy.

Work Plan:April 2014: Project approved and funds awarded: solicit bids for development of project elements; select contractors; develop and award contracts; begin discovery phase of mobile app development. May: Create mobile app outline/architecture (function and elements, flow chart, database); begin outreach design phase; media campaign package (billboard, poster, promo cards, stickers, tattoos, PowerPoint slides, weed brush messaging, web blurb, banner, display board). July: Prototyping of mobile app; commence production of public service announcement (PSA). September: Implement mobile app design. October: Final testing and bug fixing of mobile app. November: Mobile app ready for release; project partners begin to use media to promote use of app and to raise awareness about invasive plants and weed seed removal; begin post-production mobile app maintenance until the end of the grant. May: 16-week media blitz; billboards and PSAs run. August: Evaluation: poll public and military members to gauge the success and reach of the app and supporting outreach campaign. September: Complete progress report on Legacy website; deliver mandatory fact sheet to Legacy.

Military Mission Benefits:

A key goal of this project is to increase awareness about invasive weeds among military members who use Najaf as a training facility. To accomplish this, information will be posted at the range office where units are inprocessed and briefed. Weed removal brushes will be given to military members during site orientation. Via posters, promo cards and other promotional materials, civilian and military visitors to the site will be introduced to the mobile app and alerted to the need to watch for and report invasive plants at the facility. These actions will aid military personnel in maintenance of the diverse habitat types found at Najaf, which boasts nine distinct plant communities, three of which are listed in either the Oregon Conservation Strategy or Benton County Prairie Conservation Strategy as key habitats in severe decline in the Willamette Valley. Since service members rely on the diversity of landscapes available at Najaf to replicate the range of conditions that may be encountered during combat, it is imperative to keep weeds from gaining a foothold and reducing the existing biodiversity to a hazardous weedy monoculture. The prompt control of invasive weeds helps ensure that trainers have options when planning training operations. Invasive weeds do not recognize political boundaries and require a cooperative, regional approach to combat effectively. The Benton County Cooperative Weed Management Area (BCCWMA), with over 20 federal, state and local agency and non-profit members, was established to enhance regional weed control efforts. Partnering with BCCWMA greatly magnifies the weed control and restoration efforts occurring at Najaf by linking into the efforts occurring on all the lands managed by BCCWMA partners, and reducing the likelihood of re-infestation. Furthermore, the Weed Spotter Mobile App will initially be targeted for use by audiences in the Benton County, Oregon area, but will be designed for use anywhere in Oregon. As the project moves forward, the Project Manager and our partners at Oregon Department of Agriculture will promote use of the app to a statewide audience. Finally, the mobile application created during this project has great potential for replication across the country, which would lead to a reduction in overall expenditures on weed control, by catching infestations early. DoD funding and other resources are continually being used to execute a site-specific plan to address a problem, but these plans do not include a longer term solution. Only through partnering with local and regional groups will DoD get the most value for the resources expended. This project serves as a model to DoD for partnership with local organizations for regional initiatives focused on the Early Detection and Rapid Response method of invasive weed control.

Follow-on Work:

Potential proposal ideas that could be submitted as new projects in the future.

Work Description:

This effort is associated with an active Cooperative Weed Management Area, and is just one component of a larger education and outreach campaign (see attached public engagement strategy). The BC CWMA will continue to move its outreach campaign forward with the Weed Spotter App as a premier feature. For example, the mobile application will continue to be promoted by the partner organizations after completion of the work associated with this grant, thereby increasing the user base. Follow-on work will also include an emphasis on encouraging target audiences to clean their gear, shoes and other equipment before entering and after leaving natural areas.

In the short-term, as the app's users begin to report sightings to the Oregon Invasives Hotline, the hotline managers will direct the information to the appropriate land managers and those managers will be able to take prompt action (or Rapid Response) to control these new invaders. In the long-term, the Weed Mapper data will become more robust and useful to the land managers within the project's target area because the hotline reports will be uploaded to the Weed Mapper database. As the available data becomes more complete, land managers will be better able to respond rapidly to reports and keep new infestations from gaining a foothold within each manager's jurisdiction.

From a pragmatic standpoint, the Weed Spotter app will need to be maintained by the app developer indefinitely. The project partners will identify a funding stream for this purpose. The Weed Spotter App is just one tool in the BC CWMA's weed awareness and control toolbox.

FY 2015: \$2,000 **FY 2016:** \$2,000 **FY 2017:** \$2,000

Map/Figure file uploaded for this project.

Technical POC

Requesting Organization #1: Benton Soil and Water Conservation District

TPOC Name: LTC Steven N McLay

Address: 1776 Militia Way SE COM Phone: 503-584-3637

PO Box 14350 **DSN:** 355-3637

Email: steven.n.mclay.mil@mail.mil

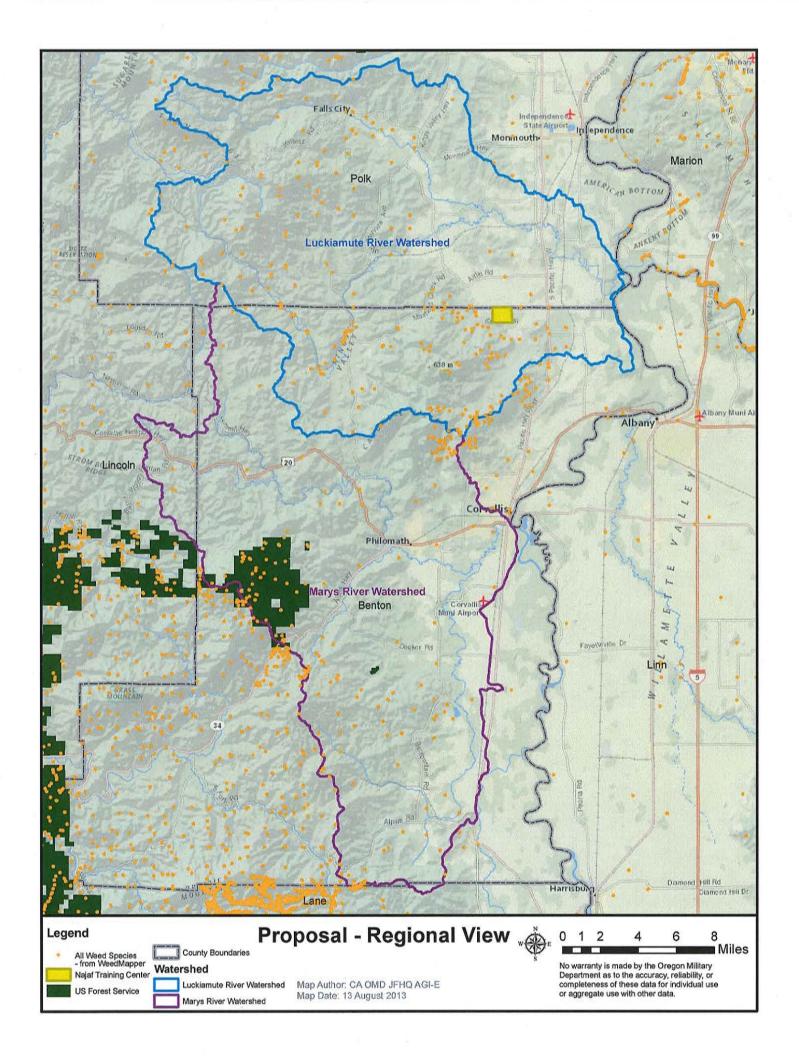
Salem, OR 97309

Review Comments

Comments: 8/14/2013 5:12:47 PM - Steven McLay Action Taken: Map file uploaded

8/14/2013 1:18:14 PM - Steven McLay Action Taken: Map file uploaded

Int. Comments:



		3
		9
•		

rea
ment A
Aanage
e Weed Manag
Cooperative V
County
Benton
for]
Strategy
lucation
E
an
Jutreach
þ
Propose

	Invasive Weeds P Key outc	eds Planning Process: Public Engageme Key outcomes: Education/Empowerment/Actions/Results Why should you care? What can you do? Who can help?	Invasive Weeds Planning Process: Public Engagement Strategy Key outcomes: Education/Empowerment/Actions/Results Why should you care? What can you do? Who can help?	tegy	e e
, ,	Overarching Goal: Rec	duce the spread of invasives;	Reduce the spread of invasives; stop new invasives from coming in.	g in.	
Priority Audiences	Desired Outcomes	Message	Actions	Delivery System	Evaluation Method
Recreationalists (ex: hikers, bikers, hunters, fishers, military members using Naiof Rifle Ranae)	Be informed and aware	Stop the Spread	Identify & convene subcommittee	Mobile App development and supporting outreach materials	random surveys of recreationalists leaving recreational areas
	Stop the spread	Clean your gear		Trailhead signs & kiosks;	
	Report invasives	Report new invaders	solidify agreements among partners- use same message(s), who will be responsible for which components of plan & timeline of activities	billboards	phone surveys
				volunteers talking to recreationalists at trailheads, entry points	
				brochures disributed with hunting/fishing licenses;	surveys of people who got hunting/fishing licesnses
					pre and post surveys of club members
Private Landowners (ex: urbon, rural, agricultural, forestry)	Be informed	Stop the Spread	Identify & convene subcommittee	Neighborhood meetings	pre and post surveys of landowners who attend meetings
	Avoid planting invasives	Know the weeds and what to do	identify funding needs and sources	Volunteer trainings	pre and post plant quizzes, and training evaluations
	Control invasives on your land		solidify agreements among partners- use same message(s), who will be responsible for which components of radio announcements, plan & timeline of activities	TAY THE	random phone surveys?
	Know where to go for help/ resources			billboards	random phone surveys?

Report invasives Report inva	riloury Addictives	Desired Outcomes	Message	Actions	Delivery System	Evaluation Method
Identify & convene subcommittee mow/ mow at the identify funding needs and sources solidify agreements among partners- use same message(s), who will be responsible for which components of plan & timeline of activities-who will help us deliver BMPs? secure secure found in new participation/cooperation/involveme nt of public land managers	Repo	ort invasives			brochures and Garden S Garden Smart Oregon shoppers available at local nurseries nursery? consistent messaging	? # of brochures and Garden Smarts taken by shoppers at each nursery?
Identify & convene subcommittee mow/ mow at the identify funding needs and sources solidify agreements among partners- use same message(s), who will be responsible for which components of plan & timeline of activities-who will help us deliver BMPs? secure secure found in new participation/cooperation/involveme nt of public land managers					across organizations on social media- facebook, websites	check stats on who and how many people are accessing these sites
mow/ mow at the identify funding needs and sources solidify agreements among partnersuse same message(s), who will be responsible for which components of plan & timeline of activities-who will help us deliver BMPs? Secure secure found in new participation/cooperation/involveme nt of public land managers	Managers / Vorks & Parks Depts; grounds crews,)		Stop the Spread	Identify & convene subcommittee	create accessible comprehensive BMPs and track movement of deliver information invasives in rights o (trainings, pamphlets,etc)	track movement of invasives in rights of way, power lines, etc
solidify agreements among partners- use same message(s), who will be responsible for which components of plan & timeline of activities-who will help us deliver BMPs? secure participation/cooperation/involveme nt of public land managers	clean infest speci	n equipment before moving from ted areas to areas with sensitive les	know when to mow/ mow at the right time	identify funding needs and sources	train land managers/employees	pre and post surveys of land managers and employees
secure found in new participation/cooperation/involveme nt of public land managers			know the weeds			quiz land mngmt empoyees on information found in calendar and ID tools
Other Audiences Businesses (ex: realtors, creekside business, nurseries) Associations (ex: Farm Bureau, Chamber, granges) Community Groups (ex: Youth groups, Lions/Odd Fellows, etc) Utility & Maintenance Workers (ex: landscapers, phone & utility workers, forestry workers)			ound in new	secure participation/cooperation/involveme nt of public land managers		record/track # of land mngmt organizations willing to participate
Businesses (ex: realtors, creekside business, nurseries) Associations (ex: Farm Bureau, Chamber, granges) Community Groups (ex: Youth groups, Lions/Odd Fellows, etc) Utility & Maintenance Workers (ex: landscapers, phone & utility workers, forestry workers)	Other Audiences					
Associations (ex: Farm Bureau, Chamber, granges) Community Groups (ex: Youth groups, Lions/Odd Fellows, etc) Utility & Maintenance Workers (ex: landscapers, phone & utility workers, forestry workers)	Businesses (ex: realtors, creekside bus.	iness, nurseries)	9			
Community Groups (ex: Youth groups, Lions/Odd Fellows, etc) Utility & Maintenance Workers (ex: landscapers, phone & utility workers, forestry workers)	Associations (ex: Farm Bureau, Chamt	ber, granges)				
UTILITY & INITIATION OF THE PARTY OF THE PA	Community Groups (ex: Youth groups,	, Lions/Odd Fellows, etc)				
Educators/Students (ex: OSU, LBCC, K-12, Nature Centers, Park Programs)	Educators/Students (ex: OSU, LBCC, K-	-12, Nature Centers, Park Programs)	result workers/			