

2012 SFA Landowner Cost-Share

The Colorado State Forest Service (CSFS) Boulder District will be accepting and reviewing applications for the 2012 SFA Landowner Cost-Share grant. This funding will be awarded on a 50:50 cost-share match basis. 50:50 cost-sharing means that the grant recipient must match, at a minimum, the awarded monies from the program, with the grant reimbursing for the activities at the "not-to-exceed" rates as follows:

-\$1,000.00 for a Defensible Space implementation: Grant recipient must show at least \$2,000.00 of incurred costs to receive the eligible \$1,000.00 in reimbursable monies.

-\$875.00 per an acre for forest thinning outside of a defensible space area (\$500.00/acre for tree thinning, \$300.00/acre for slash management, and \$75.00/acre for residual tree pruning): Grant recipient must show at least \$1,750.00/acre of incurred costs to receive the eligible \$875.00/acre in reimbursable monies.

Requirements and Forms for Project Set-up:

-2012 SFA Grant Application

- Fill out and return to CSFS Boulder District Office (mailing/contact information below) **prior** to beginning project work.
- Include proposed acres for treatment, number of defensible spaces, or other forest management treatments (as approved by CSFS Boulder District).
- Include funding requested amount, showing a minimum of a 50% match.
- Include a Scope of Work, Treatment schedule, maintenance plan, and Project area description.
- CSFS Boulder District will review application and determine monies awarded and notify grant recipient.
- CSFS will work with Grant Recipient to schedule time to execute project layout: Flagging project boundaries; marking (with BLUE tree marking paint) trees designated for removal; GPSing area of interest.

Requirements and Forms for Reimbursements and project finalization:

- Schedule with CSFS Boulder District a date/time to inspect areas of project work for reimbursements.
- Form D*: To track in-kind/volunteer labor used to match
- Exhibit B*: To track payments/invoices, as well as briefly describing to-date accomplishments
- Paid invoices* from hired contractor work



Colorado State University
Fort Collins, Colorado 80523-5060
(970) 491-6303
FAX: (970) 491-7736

November 30, 2012

Allen Owen
CSFS Boulder District
5625 Ute Highway
Longmont, CO 80503

RE: 2012 State Fire Assistance Grant – Boulder Gilpin CWPP Project

Dear Mr. Owen:

This letter is to inform you that the application you submitted for the:

1. *Boulder Gilpin CWPP Implementation Mitigation Project has been approved and PARTIALLY funded for \$245,243.00 requiring 229 acres of fuels treatments.*

A 50/50 match is required and it is advised that you track and report all match in CSFS required reimbursement documents and processes to describe any and all leveraging of funds that occurs with this project. **The grant end date for this project is September 1, 2014** – all reimbursement requests and reporting are due to the CSFS – Boulder District office on or before this date.

This correspondence has been sent to you via the CSFS – Boulder District Office. Project initiation, tracking, field verification, documentation and reimbursement request must be completed by CSFS – Boulder District Staff.

Congratulations on your award and I look forward to reports and information relating to the implementation of your projects. Please feel free to contact me at 303.404.9057 if you have questions.

Regards,

Scott Woods

cc: Allen Owen, CSFS – Boulder District

Owen Jr,Allen

From: sp@research.colostate.edu
Sent: Friday, August 31, 2012 3:30 PM
To: Krueger,TERESA; Atella,Mary; Owen Jr,Allen
Subject: 5-3 project update (Blue sheet notification)

8/30/2012

Project number 5-36696 has been created or updated

Investigator: Owen Jr,David Allen

12CPG SFA CG4 Projects Under SFA-Boulder-Gilpin

Sponsor Name: USDA-USFS-Forest Research

Contract No: 12-DG-11020000-035

Brief description of this action:

8/29/2012

dsharke/start

For more details see the Research Project Status screen on the web at URL:

https://pass.research.colostate.edu/rps/rps.asp?p_proj=6696

Project Start: 6/22/2012

Project End:

9/30/2014

http://purgatory.research.colostate.edu/reports/rwservlet?RPS_Proj+6696+PDF

FFY 2012 WSFM Competitive Grant State Summary				Date Submitted: August 25, 2012	
State: COLORADO			Submitted by: Jane Lopez		
Grant Number (Priority)	Project Name	Project Type	Requested Funding	Match	Total Project Amount
✓ 1	Northern Larimer County Community Fuel Reduction	Hazard Fuels Reduction/Fire Adapted Ecosystem Restoration and Information/Education	\$300,000	\$316,800	\$616,800
✓ 2	Boulder-Gilpin County CWPP Implementation	Hazard Fuels Reduction/Fire Adapted Ecosystem Restoration and Information/Education	\$300,000	\$308,300	\$608,300
3	Northern Front Range Fuels Treatment Partnership	Hazard Fuels Reduction/Fire Adapted Ecosystem Restoration and Information/Education and Planning	\$300,000	\$300,000	\$600,000
✓ 4	Southern Front Range Fuels Treatment Partnership	Hazard Fuels Reduction/Fire Adapted Ecosystem Restoration and Information/Education and Planning	\$300,000	\$300,000	\$600,000
5	Coalition of the Upper South Platte WUI Project	Hazard Fuels Reduction/Fire Adapted Ecosystem Restoration and Information/Education and Planning	\$300,000	\$360,000	\$660,000
6	Durango Area Wildland Urban Interface	Hazard Fuels Reduction/Fire Adapted Ecosystem Restoration and Information/Education and Planning	\$300,000	\$320,000	\$620,000
7	Western Colorado Community Awareness, Implementation and Planning	Hazard Fuels Reduction/Fire Adapted Ecosystem Restoration and Information/Education and Planning	\$300,000	\$331,000	\$631,000
8	Big Thompson Watershed Fuels Reduction	Hazard Fuels Reduction/Fire Adapted Ecosystem Restoration and Information/Education	\$300,000	\$308,750	\$608,750
✓ 9	Colorado Community and Critical Infrastructure Protection	Hazard Fuels Reduction/Fire Adapted Ecosystem Restoration	\$300,000	\$300,000	\$600,000
10	Colorado Front Range Priority Projects	Hazard Fuels Reduction/Fire Adapted Ecosystem Restoration and Information/Education and Planning	\$300,000	\$342,100	\$642,100
11	Statewide Wildland Urban Interface Contracting	Hazard Fuels Reduction/Fire Adapted Ecosystem Restoration and Information/Education	\$183,400	\$198,400	\$381,800
Total Grant Funds Requested			\$3,183,400	\$3,385,350	\$6,568,750



Date: July 7, 2011

To: CSFS District Foresters, AFs, Outreach, and CSFS Broomfield Office

From: Jane Lopez, Fuels Mitigation and Prescribed Fire Program Manager

RE: 2012 SFA WUI Grant Application

Attached, please find copies of the 2012 Colorado Wildland Urban Interface Grant Application, Instructions/Criteria, Grant Rating Score Sheet and SFA Grant Process diagram. The application is in pdf format.

The deadline for getting the Applications to Jane Lopez is close of business **Wednesday August 3, 2011 at 5 pm**. The address to submit the applications is: jane.lopez@colostate.edu. Prior to sending out the application please **ensure that you set a district deadline and communicate that to your mailing list.**

There are two NEW components to the application: **Box 5**, "Budget Narrative" which asks applicants to give specific details to the figures in Box 4, "Total Project Expense". A thorough and understandable description will be worth 2 points. In addition, there is a NEW drop down box in the **CWPP Box** (below Box 9) asking the applicant if their project is "**identified in your Statewide Forest Resource Assessment and Strategy?**" I will be adding a link in the Criteria and Instruction sheet that will refer the applicant to our Statewide Forest Resource Assessment and Resource Strategy, with specific page references, but it will likely provoke questions for you, the District Forester, please be prepared to answer questions using your intimate knowledge of the Resource Assessment and themed mapped references. This could be a great educational opportunity!

As always, we are encouraging all districts to submit grant applications. Districts must prioritize applications originating within their respective districts and note the prioritization in the upper right hand corner of the application

When you submit prioritized applications to me, please name the files by your two letter District designator and priority number (ex. FC01, FC02, FC03 etc.).

Thanks for your cooperation in meeting the application deadline of **August 3, 2011**.

This information will be posted on the CSFS website beginning the week of July 11th.

If you have any questions, please feel free to contact me at (970) 491-8624.

To: Bret Gibson (bldmtnlidge@netzero.com); Brett Haberstick; Bridgette McCarthy (bmccarthy@co.boulder.co.us); (cjulian@co.boulder.co.us); Chris Wanner (wannerc@bouldercolorado.gov); Coal Creek FPD (CCCFPD@aol.com); Jonas Feinstein (jonas.feinstein@gmail.com); Irene Shonle (ishonle@coop.ext.colostate.edu); jbwebster@bouldercounty.org; FPD, Boulder (chief@bouldermountainfire.org); krutledge@lefthandfire.org; Laura Jeney (lcomyn@msn.com); Nederland FPD (admin@nfpd.org); Rafael Segundo (info@calwood.org); Robert O'Donnell; Roger Baker (rbaker@co.gilpin.co.us); Russell Leadingham (rleadingham@lefthandfire.org); Dennis.Fisher@ci.longmont.co.us; Don Whittemore; Zach Littlefield; Bruce H Vaughn

Cc: gali@behconsulting.com; Pfohl,Benjamin; melmoor@lamar.colostate.edu; Lopez,JANE; Gallamore,L M

Subject: 2012 Wildland Urban Interface Grant

Attachments: FINAL_NR_WUI Grants Available_Jul2011.pdf

Importance: High

Applications due August 1, 2011 to CSFS Boulder District Office by 5:00 pm MST

Please see attached document announcing the 2012 SFA Wildland Urban Interface grant. The application may be found on the home page of the Colorado State Forest Service's web site at www.csfs.colostate.edu

Note there are two NEW components to the application: Box 5, "Budget Narrative" which asks applicants to give specific details to the figures in Box 4, "Total Project Expense". A thorough and understandable description will be required. There is also a new drop down box in the CWPP Box (below box 9) asking the applicant if their project is "identified in the Colorado Statewide Forest Resource Assessment and Strategy?" A link in the in the Criteria and Instruction sheet will refer you to the Statewide Forest Resource and Assessment and Resource Strategy, with specific page references.

The Boulder District will be prioritizing fuel treatment applications, which state as their goal and measureable target, to meet CSFS Standards for creating fuel breaks or defensible space around homes, or a specific prescription for general thinning and/or prescribed fire activities. Some examples would be: "Create defensible space around homes to meet CSFS Service in Action #6.302"; Implement fuel breaks along all roads to meet current CSFS standards for width and spacing of trees"; If you have questions about these standards, please consult the CSFS website or contact the CSFS Boulder District office.

Grant applications should include: references to the current CWPP covering the project area; proposed or ongoing grant activities within the CWPP recommendations; cost-effectiveness (cost per acre) for any fuel treatments proposed; and if the fuel treatments are occurring across the landscape or property boundaries.

This is a short turnaround that is necessary to meet the grant programs schedule. The address to submit the application is the Boulder District: allen.owen@colostate.edu . All applications must be

submitted in electronic format (Adobe PDF)

Allen Owen, CF
District Forester
CSFS Boulder
5625 Ute Hwy
Longmont, CO 80503
303-823-5774
allen.owen@colostate.edu

Criteria and Instructions to States

2012 Western Wildland Urban Interface Grant Program

Congress is providing funding assistance to states through the USDA Forest Service State and Private Forestry programs. The focus of much of this additional funding is mitigating risk in Wildland Urban Interface (WUI) areas. In the West, the State Fire Assistance (SFA) funding is available and awarded through a competitive process with emphasis on hazard fuel reduction, information and education, and community and homeowner action. This portion of the National Fire Plan was developed to assist interface communities manage the unique hazards they find around them. Long-term solutions to interface challenges require informing and educating people who live in these areas about what they and their local organizations can do to mitigate these hazards.

The 10-Year Comprehensive Strategy focuses on assisting people and communities in the WUI to moderate the threat of catastrophic fire through the four National Fire Plan goals of improving prevention and suppression, reducing hazardous fuels, restoring fire-adapted ecosystems, and promoting community assistance.

Grant Criteria:

1) Reduce Hazardous Fuels / Restore Fire-adapted Ecosystems:

Fuel reduction projects and vegetation treatments have been identified as a means of mitigating wildfire hazards. Recipients shall facilitate and implement mitigating fuel treatments in or adjacent to identified fire prone communities to reduce the threat of wildfire to communities. These are projects that remove or modify fuels in and/or adjacent to WUI development. Effective fuels mitigation treatments can be implemented across jurisdictional boundaries, on adjoining private lands, or within the respective communities. Projects of this type include fuel breaks, thinning, pruning, landscape modifications, etc. The overall purpose is to modify or break up the fuels in such a way as to lessen catastrophic fire and its threat to public and firefighter safety and damage to property. Another way to prevent future large, catastrophic wildfires from threatening communities is by carrying out appropriate treatments (such as prescribed burning or thinning) to restore and rehabilitate forest and grassland health in and adjacent to the WUI. Such treatments have reduced the severity of wildfires, and may have additional desirable outcomes, such as providing sustainable environmental, social and economic benefits. Project proposals must consider all elements required to implement treatments on the ground, which includes acquiring the necessary permits and consultations needed to complete plans and assessments.

Examples of projects that qualify (not all inclusive):

- Defensible space around homes and structures
- Shaded fuel breaks
- Fuels reduction beyond defensible space
- Removal of slash including piling and burning; mulching; grinding; etc.
- Prescribed fire
- Thinning
- Maintenance of **non-federally funded** fuels projects (explain in application narrative)

2) Improve Prevention/Education in the Interface:

Recipients can provide leadership to coordinate, develop, and distribute wildland urban interface education programs in association with insurance companies, communities, local government agencies, and other partners. Informational and educational projects must target mitigation of risk and prevention of loss. Projects should lead to the use or establishment of one or more fire

program elements such as fire safety codes, implementation of Firewise safety practices, establishing local fire safe councils, fuels treatments within fire prone communities, or community planning to define fire safe actions suited to the local ecosystem.

Examples of projects that qualify (not all inclusive):

- Firewise or similar programs
- Living with Fire newspaper inserts
- Fire education components to Project Learning Tree
- Pamphlets, brochures, handouts

3) Planning:

Community Wildfire Protection Plans (CWPP's) are created by local communities and may address issues such as wildfire response, hazard mitigation, community preparedness, structure protection, or a combination of the above. The process of developing these plans can help a community clarify and refine its priorities for the protection of life, property, and critical infrastructure in the wildland-urban interface. The Healthy Forest Restoration Act (HFRA) minimum requirements for a CWPP are: 1) Collaboration (must be developed with community members, local and state government representatives in collaboration with federal agencies and other interested stakeholders), 2) Prioritized Fuel Reduction (plan must identify and prioritize areas for hazardous fuel reduction treatments and recommend the types and methods of treatment), and 3) Treatment of Structural Ignitability (must recommend measures that homeowners and communities can take to reduce the ignitability of structures throughout the area addressed in the plan). In addition to the HFRA minimum requirements, all Colorado CWPPs must meet the CSFS Minimum Standards for Developing a CWPP. The minimum standards and other resources may be viewed at the following link:

<http://csfs.colostate.edu/pages/community-wf-protection-planning.html>

Examples of projects that qualify (not all inclusive):

- Creation of CWPP/or equivalent document
- Priority projects listed in existing CWPPs covering the above criteria

4) Examples of Projects that DO NOT Qualify (not all inclusive):

- **Maintenance on previous federally funded fuels projects**
- Preparedness and suppression capacity building; such as purchase of fire department equipment (try VFA, RFA, DHS and FEMA grant programs)
- Small business start-up funding
- Research and development projects (try Economic Action Program)
- GIS and database systems
- Construction/Infrastructure (building remodel, bridges, road construction, water development)

Grant Considerations:

- Meets the grant criteria above- if it does not the application will be considered ineligible.
- Meets the 50/50 match requirement*- if not the application will be considered ineligible.
- Each grant request will be limited to a maximum of \$300,000.
- No state will receive more than 15% of the funds available in the west.
- All grants will be scored based on the following (highest possible score is 20):
 - **Is this project achievable? (timeline, goals, accurate budget, etc.)**
Yes clearly = 2 Yes but needs more info/inaccurate budget/etc. = 1 No = 0
 - **Is this project measurable? (# of acres treated, # of education/outreach programs, etc.)**
Clearly defined outputs = 2 Mentioned but not clear #'s/measurable = 1 Not measurable = 0
 - **Is the applicant clearly showing collaborative elements and partners? (confidence level)**
Collaborators input is clearly defined = 2 Collaborators listed but roles not defined = 1 Not there = 0

- **Is the applicant clearly showing how the budget line items will be spent and are applicable to the goals and objectives of the project?**

Clearly defined and applicable = 2 Needs more specific information = 1 None/not applicable to project = 0

- **Is the Project Area Description clear and understandable?** 2 points maximum
- **Does the Scope of Work describe specifically WHAT will be accomplished?**

2 points maximum

- **Is there clear interagency collaboration?** 2 points maximum
- **Is this project implemented from an existing community wildfire protection plan (CWPP) or is the request to develop the plan and begin treatments? (Note: preference is given to those projects that are incorporated in a completed plan)**

Plan completed/funding will complete plan and implement project = 2 Plan in progress = 1 No plan = 0

- **Is this project relevant to the Statewide Forest Resource Assessment and Strategy?**

Yes = 1 point No = 0

- **Is the applicant clearly demonstrating project longevity? (Note: preference will be given to those projects clearly showing how it will remain effective over time)**

Clearly defined = 2 Mentioned but not defined = 1 None = 0

- **Is there a maintenance plan described?**

Yes = 1 No = 0

- **Is this a landscape scale project?**

Yes = 1 No = 0

*A 50/50 match. The allocated grant amount must be matched in full by the recipient using a **non-federal source**. Exception: Title III funds under the Secure Rural Schools and Community Self-Determination Act of 2000, PL 106-393 are not considered federal dollars and may be used as match. The matching share can be soft match/in-kind contributions (examples of soft match/ in-kind might include land owners donated labor performing the following: breaking up continuous fuels, pruning ladder fuels, creating defensible space, or donated equipment. Examples of unacceptable soft match/in-kind activities include: raking pine needles/cones, weed control, reseeding, stump removal, removing dead branches that are not ladder fuels, mowing and equipment purchases) and/or hard match (which is actual dollars spent other than federal grant funds within the specified scope of work.) If the project is part of the consolidated payment grant, matching funds can be combined or met from any one or all program areas.

Application Instructions:

The application is in adobe pdf format. It is fill in enabled in any form of Adobe Reader 5.0 or higher. If you do not have Adobe Reader, go to <http://get.adobe.com/reader/> and download the latest version.

- 1) All blocks are fill-in enabled and character locked. Applicants must fit all information into the allotted box space. Hold your mouse arrow over each block for further instructions. **Applications that have been modified for any reason will be considered ineligible by the review committee. Any attachments or additional documents that are not removed at the state level will not be considered by the review committee.**
- 2) **Applications must be submitted and prioritized by the applicable District Forester or CSFS official.**
- 3) Application guidelines by box number: (All boxes must be filled in on the application. If a box does not apply to your project fill in that space with NA.)
 - **Box 1 & 2-** Applicant and community at risk information.
 - **Box 3 & 4-** The totals in these boxes will add automatically when all data is entered into the fields. It is recommended you check all numbers add up correctly. If the total didn't

add correctly go back and tab through each box and see if that fixes the addition. See description of hard vs. soft match.

- **Box 5-** The budget narrative must give specific details for each line item in box 4 (i.e. personnel/labor, fringe benefits, travel, equipment, supplies, contractual, other, and indirect costs). Explain exactly how grant dollars will be spent and how these expenditures tie directly to the project goals and objectives.
- **Box 6-** The project area description must give an overview of the project to point out the hazards and clearly show the need for work in this area. If applying for a fuels reduction project, describe the vegetation types.
- **Box 7-** The scope of work must explain exactly how the grant dollars will be spent on this project. Unlike the overview, this will provide the specific details of the project using measurable units where applicable.
- **Box 8-** Answer the specific questions. Under the three Project Category fields fill in only if they apply to your project. If, for example, Planning is not a part of your project fill in NA.
- **Box 9-** Describe the contributions each partner will make to the project by stating the collaborating partners name and what they will be contributing to the project such as manpower, equipment, matching funds, etc.
 - The questions “does this community have a plan” and “is this part of the plan” are drop down boxes. Click in the field, scroll up and down arrows will appear. Scroll up or down until you find the answer you are looking for.
 - The question: “Is this project identified in your Statewide Forest Resource Assessment and Strategy?” is a drop down box, yes or no.
 - The [Colorado Statewide Forest Resource Assessment and Strategy](#) (follow link for background of assessment and strategy, **pages 26-31 in the Assessment and pages 13-15 in the Strategy** specifically addresses wildfire protection. The publications and appendices are companion documents required by the 2008 Farm Bill to help guide where we direct resources to best focus management efforts and achieve desired future conditions. All forest management activities planned and implemented shall consider projects in the higher priority areas of Colorado’s important forest landscapes and/or where the opportunity exists to affect larger landscapes and leverage other resources. Additionally, projects should address strategies suggested to manage Colorado’s important forest landscapes.). Consult your CSFS District for assistance to assess if your project is located with respect to the theme maps.
- **Box 10-** The **Project Timeline** must include such things as: begin/end dates, milestones, quarterly accomplishments, etc.
- **Box 11-** Maintenance must clearly describe the who, what, when, where and why of how this project will remain effective and be sustained over time. The four main points to be included for fuels projects are:
 - 1) Environmental Factors: describe the maintenance requirements unique to this project based on site characteristics i.e., present and future vegetation occupying the site, growth rates, returned natural fire intervals or any other environmental factor that affects the continued maintenance of this project.
 - 2) Education: describe how key players have been trained and educated to maintain the project and explain their understanding of the needs and expectations of the project’s maintenance.

3) Commitment: describe the commitment by the individual/community to maintain this project into the future, i.e. state laws, CWPP terms, signed landowner agreements or other documents or agreements that hold the sub-grantee accountable for project maintenance over time.

4) Monitoring: describe who will be responsible for monitoring the project, what qualifications they have if they are not obvious (i.e. State Forestry personnel, Fire Safe Council member, Fire Department personnel, etc.), and at what intervals they will be checking (i.e. yearly, quarterly, etc); clearly describe timelines, milestones, and measurable.

Sustainability must clearly describe how the project will be sustained over time.

- **Box 12-** Describe the landscape this project influences. Show how the project has or will have impact outside the immediate project area. For example, a project in a community may abut and compliment a Forest Service project on their land where they are creating a fuel break around your community defensible space project. Give specifics on how this project will tie into the larger picture of community protection. For information/education and/or planning projects explain how your project compliments or enhances those by other agencies and/or ties into a greater goal. Explain the who, what, when, where, why, and how of its anticipated impacts.

Application Due Dates:

The standard *2012 Western States WUI Application* must be used. The 2012 application must be submitted electronically to the appropriate **District Forester by their deadline.**

Due to the compressed due dates from WSFM/WFLC. All applications MUST BE SUBMITTED TO THE STATE OFFICE by the DISTRICT FORESTER in priority order no later than WEDNESDAY AUGUST 3, 2011 at 5 p.m. THERE WILL BE NO EXCEPTIONS.

Owen Jr,Allen

From: Marcus,Naomi
Sent: Wednesday, July 25, 2012 3:16 PM
To: CSFS DL: District Foresters
Cc: Woods,Scott; Sundstrom,Gregory
Subject: Reimbursement Request Forms
Attachments: Form D Cost Documentation updated July2012.docx; EXHIBIT B rev 7-20-12.xls; Financial Assistance Cost-Share Program Reimbursement Calculation 7_20_12.xlsx

Good afternoon-

After extensive discussion and review by a sample of district staff and grant program managers, we have updated the forms for cost-share grant program reimbursement requests.

There are three forms:

- Form D: Cost Documentation—this form is required to document actual out-of-pocket expenses and other contributions made to support implementation of the awarded project. Award recipients may submit another mechanism of reporting to document expenses and contributions upon CSFS District Forester approval. If you are unsure of what sort of items should be accounted for in the cost documentation, check out the recipient and non-recipient contribution items listed in the **NEW** Exhibit B1: CSFS Financial Assistance Cost-Share Program Reimbursement Calculation Worksheet.
- ****NEW**** Exhibit B1: CSFS Financial Assistance Cost-Share Program Reimbursement Calculation Worksheet—use this worksheet electronically to consolidate the award amount, contributions, etc. to make sure the reimbursement request meets the required cost-share rate.
- Exhibit B: CSFS Grant Report/Reimbursement Request—this form is an update version. Note that the results of Exhibit B1 can be transferred into box 8.

These three forms can be applied to the different cost-share programs we administer (i.e. Emergency Supplemental, SFA, FRFTP, Colorado Fuel Mitigation Grant, Forest Restoration Pilot Grant...). A cost-share program timeline matrix will be coming out in the next few weeks, which will also identify which program manager needs to receive the reimbursement requests for the respective program. The next phase of updating the Guidance for CSFS Financial Assistance Program Implementation will begin shortly. In the meantime, if there are questions on how to proceed with implementing CSFS cost-share programs, contact Scott or I via phone, or if via e-mail contact both of us.

For those projects awarded, already being implemented, and ready for a reimbursement request, the award recipient may utilize the forms provided at the time of award notification or they may initiate using the updated forms. Either will be accepted at this time. For any new projects awarded, particularly the third round of HB1199 Forest Restoration Pilot Grant Program, award recipients will be expected to use the new updated forms.

Some basic instructions/guidance in familiarizing yourself with the forms:

- The District Forester Signature is intended solely for the District Forester.
- The Program Manager Signature is for the state office/Broomfield staff only.
- The account/project number is also documented in the district's copy of the project's CSFS Form 805.
- Something to keep in mind, all reimbursement requests (intermittent and final) must meet the minimum cost-share rate.
- CSFS Form 828 will still be used in processing reimbursement requests. These forms should help with proper documentation of the figures and accounts. The Form 828 will need to be updated as well since some of the programs we manage are changing. Stay tuned for the updated form.
- Either accomplishments need to be summarized in box 7 of Exhibit B or the accomplishments need to accompany the documentation for the reimbursement request.

- A calculation worksheet (Exhibit B1) will need to be submitted for each respective reimbursement request.
- Current volunteer labor rates are dynamic and sometimes so is the website. Award recipients need to visit the Independent Sector on-line to determine the current volunteer labor rate for at the time of reimbursement request.
- For award recipients who are unsure of specific activities being eligible for reimbursement, they need to revisit the Exhibit A Scope of Work for an outline of activities that they are being awarded to implement.

This is the beginning of having more consistency with our grant programs. These documents will be reviewed and updated intermittently. Please provide your feedback (good and bad) throughout the year to help us design the most effective and user-friendly reimbursement request forms. All feedback will be considered and incorporated as appropriate.

These forms will be available on the Intranet within the Financial Assistance Programs folder by the end of next week. In the meantime, feel free to share these forms with any of your partners who are currently implementing CSFS administered cost-share programs so they may have the option to switch to a set of forms that may be a little more user-friendly.

Scott and I are happy to address any questions you may have about these forms or the updating process for forms and guidance of CSFS administered cost-share programs.

Thank you,

Naomi J. Marcus

Forest Stewardship Coordinator
CSFS-Forest Management Div.
Colorado State University
5060 Campus Delivery
Fort Collins, CO 80523-5060
(O) 970-491-7287
(C) 719-684-3699

**CSFS FINANCIAL ASSISTANCE COST-SHARE PROGRAM
COST DOCUMENTATION**

The following are activities conducted for completion of the Financial Assistance Program practice for which I have been funded. The value of each the activity is itemized below. Attach receipts.

Date m/d/yr	By Whom	Activity/Expense**	Hours	Value (\$)

*Use Exhibit B1 Financial Assistance Programs Reimbursement Calculation Worksheet to be sure you account for the type of activities, expenses and other contributions provided to complete project, or phase of project.

Grant Recipient Signature

Date

District Forester Signature

Date

**EXHIBIT B
CSFS GRANT REPORT/REIMBURSEMENT REQUEST**

In order to receive reimbursement, you **must** provide documentation supporting your costs and corresponding match. Complete Form D and submit it with your request for reimbursement. Reimbursement requests must be accompanied by receipts for actual costs (out of pocket expenses) incurred by the recipient. Other costs and matching funds incurred by the applicant and/or donated by other resources includes expenses for goods, services and labor necessary for project implementation. You may request partial reimbursement as you incur expenses and have corresponding match.

1. Project/Account #:	2. Total Award Amount:
3. Project Name:	4. Reimbursement Amount to Date:
5. Make Payment To: Name: Attn: Address:	6. Period of Performance (Project Period): From: To:

7. What has been accomplished? Please provide a description of accomplishments that meet the requirements listed in the project Scope of Work. Please be specific and report numbers such as acres treated, numbers of defensible spaces, **tons of cubic feet or** yards of slash collected, number of presentations, number of plans written, etc., for which the award was granted. Attach additional sheets as necessary.

8. Reimbursement Request: I request reimbursement in the amount of \$ _____ for the work completed and documented above.

Reimbursement request amount cannot exceed the total project award obligation as identified in the project award notification. The reimbursement request amount must comply with the appropriate cost-share requirement for the period being billed. The reimbursement amount cannot exceed the actual project costs to recipient.

A. Award Amount	B. Recipient Contribution	C. Non-recipient Contribution	D. Total Contributions	E. Reimbursement Requested Amount	F. Total Match Ratio %
			B + C		E / D

* Use results from Exhibit B: Financial Assistance Programs Reimbursement Calculation Worksheet to complete table above. Include Exhibit B: and Form D Cost Documentation or other approved documentation with Exhibit B to request reimbursement.

9. I certify that to the best of my knowledge this report is correct and complete, and that all outlays reported are for the purposes set forth in the project documents (i.e. award notification, scope of work, etc.). All expenses and all cost-share are true and accurate.

Grant Recipient Signature: _____ Date: _____

10. Certification:

Work meets minimum standards and specifications as set forth by the CSFS in the Scope of Work.

District Forester Signature: _____ Date: _____

11. Funding is available and request is approved for reimbursement.

Program Manager Signature: _____ Date: _____

Exhibit B 1

(Accompanies Exhibit B-Reimbursement Request)

CSFS Financial Assistance Cost-Share Program Reimbursement Calculation Worksheet*					
A. Award amount obligated from funding source (To earn the obligated award amount, the recipient must complete 100% of the deliverables agreed to in the Statement of Work)	B. Recipient Contribution: (AKA: cash; hard match; in-kind/soft match; actual costs) INCLUDES: (contracted services with receipts) (recipients' own labor to be valued at current volunteer labor rate) (labor of recipient's employees-salaried employees-to be valued at actual amount and must be documented) (equipment rental with receipts) (use of recipient-owned equipment to valued at market rental rate) (cost of supplies with receipts: this includes items such as bar oil and two cycle fuel, but does not include repairs or other parts, such as chains, sparkplugs, etc.) (materials with receipts) (materials, if provided to valued at market price) (meeting room rental with receipts) (meeting room provided by recipient to be valued at market price) (printing with receipts) <i>Current volunteer labor rate is the current rate at the time of reimbursement request. Any recipient contributions can be used as match to an award. Reimbursement for these contributions can not exceed the obligated amount and must meet the cost share rate.</i>	C. Non-recipient Contribution: (AKA: donated; in-kind/soft match; volunteer) INCLUDES: (volunteers' labor to be valued at current volunteer labor rate) (donated materials/supplies to be valued at market value) (donated use of equipment to be valued at rental rate) (meeting room provided to be valued at market price) While non-recipient contributions can be used as match to an award, the recipient will not be reimbursed for these contributions.	D. Total Contributions (AKA: Total Project Value; Total Project Costs) (B + C)	E. Reimbursement Amount (will be equal to or less than A and must meet the matching requirement)	F. Total Match Ratio (Cost-share rate) (E / D)
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!

*Use **From D**-Cost Documentation or other approved documentation to support calculations

EXHIBIT B
GRANT REPORT/REIMBURSEMENT REQUEST
COMPETITIVE GRANTS

Project Number:

In order to receive reimbursement, you **must** provide documentation supporting your expenditures covered by this initial disbursement and the corresponding match. You may request reimbursement on a monthly basis as you incur expenses, however the final 10% of the award amount will not be released until the final closeout report is received and accepted. Reimbursement requests must be accompanied by receipts for costs incurred and documentation of matching funds. Federal Funds **cannot** be used as sources for meeting the cost sharing (matching) provisions. **Matching Funds are expenses for goods, services and labor necessary for project implementation and incurred by the applicant which are not reimbursed with Federal Funds.**

1. Project #:	2. Project Funding Amount:	3. Community Protected:
4. Make Payment To: Name: Address:		5. Period of Performance: From: To:

6. What was accomplished? (Quantity or Status of Project. Please provide a description of accomplishments. Please be specific and report numbers such as acres treated, numbers of defensible spaces, tons of cubic feet or yards of slash collected, number of presentations, number of plans written. Attach additional sheets as necessary.)

7. Reimbursement Request:

Project to Date Reimbursement Request Amount cannot exceed the total Project obligation as identified in the Project Document. The Total Reimbursement Request Amount cannot exceed the Total Matching Funds amount for the period being billed.

	Current Period				Project to Date			
	Reimbursement Amount Requested For Out of Pocket Expenses	Matching Funds		Total Costs	Reimbursement Amount Requested For Out of Pocket Expenses	Matching Funds		Total Costs
		Cash (hard match)	Donated (Inkind match)			Cash (hard match)	Donated (Inkind match)	
Labor*								
Material**								
Total								

Donated time and materials can only be counted towards the matching component.

* Use actual costs or \$20.85/hour for donated or volunteers' time.

** Use actual costs or fair market value of donated materials, supplies, or equipment use.

8. Amount Paid to CSFS for Products and/Or Services : \$

9. I request reimbursement in the amount of \$_____ for the work completed and documented above. I certify that to the best of my knowledge and belief this report is correct and complete and that all outlays reported are for the purposes set forth in the project documents.

Signature:

Date:

All expenses are true and accurate and all cost share is true and accurate.

10. Certification (To be completed by CSFS District):

Work meets minimum standards as set forth by CSFS.

Signature:

Date:

FUNDO #1
BUNDLE #1
IN STATE
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BO
APP

Colorado Wildland Urban Interface Grant Application

For Official Use Only	
District Submitting Project:	BO
District Priority Number:	1
Dollar Amount Requested:	\$601,600.00
Matching Share:	\$308,300.00

*For guidance on filling in each box in this application, refer to the *Criteria and Instructions to States*

Applicant Information

1	Applicant:	CSFS Boulder District		
	Contact Person:	Allen Owen		
	Address:	5625 Ute Highway		
	City/ZipCode:	Longmont, CO 80503		
	Phone (Work/Cell):	303-823-5774		
	Email:	allen.owen@colostate.edu		
	Fax:	303-823-5768		

Community At Risk Information

2	Name of Project:	Boulder-Gilpin CWPP Implementation		
	Community Name:	WUI Communities in Boulder and Gilpin County		
	County (ies):	Boulder and Gilpin		
	Congressional District:	2		
	Latitude:	39° 59' 30"	Longitude:	105° 25' 10"

Grant Contributors

(Applications will be disqualified if insufficient match is identified; federal dollars DO NOT qualify - see criteria & instructions for exception)
Specify each match contributor and the dollar amount of each contribution.
DO NOT show grant requested funds in this table - **This Is For Matching Share ONLY.**

3	Contributor's Name:	Landowner-HOA	Local Gov't	Fire Districts			TOTAL
	Dollars (Hard Match):	\$168,300.00	\$100,000.00	\$25,000.00			
In Kind (Soft Match):		\$10,000.00	\$5,000.00				\$15,000.00
TOTAL:	\$168,300.00	\$110,000.00	\$30,000.00				\$308,300.00

Total Project Expense (break down matching share totals from block #3)

4	Budget Detail (Provide additional information in Block 7)	Grant Share (\$ Amount Requested)	Match (from block #3)		TOTAL
			Dollars	In-Kind	
	Personnel/Labor:	\$12,600.00	\$12,600.00	\$15,000.00	\$40,200.00
	Fringe Benefits:				
	Travel:				
	Equipment:				
	Supplies:	\$700.00	\$700.00		\$1,400.00
	Contractual:	\$280,000.00	\$280,000.00		\$560,000.00
	Construction:				
	Other:				
	TOTAL:	\$293,300.00	\$293,300.00	\$15,000.00	\$601,600.00

Budget Narrative

5 All fuels treatments will be cost shared with grant funds and matched by sub-recipients (landowners, homeowner associations, city and county open spaces, state parks, and fire districts). Project setup, oversight, and administration will be provided by the CSFS, with these costs being covered by the sub-recipients, then reimbursed 50% by the grant. On average, an acre of treatment requires two hours of CSFS time, billed at \$45 per hour. The CSFS billable time will be for project setup and administration. Supplies for the project will include the tree paint and flagging necessary to prepare project areas for fuels reduction treatments. All personnel and supplies will be matched with cooperator hard dollars. The contractual grant funding will be spent on local forestry businesses and agency mitigation crews for project implementation, which contributes to the local economy. Grant dollars will pay for up to, but not to exceed \$1,000 per acre of fuels treatments meeting CSFS standards. The sub-recipients will initially be responsible for all project costs. The sub-recipients will be reimbursed after final project inspection and approval. The reimbursement/contracting system outlined above has been used successfully for the past 10 years to complete over 10,000 acres of forest treatment on private and local government property.

CSFS and cooperator agencies will provide and assist with outreach and education regarding Firewise practices and proposed fuels reduction projects. This time will be documented at the current volunteer rate and used as in-kind match for this grant.

Project Area Description

6 The forest types range from lower montane ponderosa pine and mixed conifer to upper montane lodgepole pine forests. The 280 acres of priority fuels reduction will be accomplished in 10-12 project areas where forest restoration and fire mitigation overlap, are in the wildland urban interface, near partner projects, and are part of a larger landscape scale fuels treatment strategy. All fuels reduction projects are located in HFRA compliant CWPP communities, and will require an education component for landowners within a project area. The USFS, BLM and Rocky Mountain National Park coordinate their fuels reduction projects to support CWPP identified projects.

These forests are experiencing a rapid increase in bark beetle mortality that is drastically altering the fuels structure and composition across the landscape. Fuels reduction projects will focus on reducing fire effects while improving the health and resiliency of these forests to insects and disease. Fires in this area have the potential to affect infrastructure and the direct water supply to local residents which include five, 6th level watersheds. The project area has a high risk of damage from wildland fire based upon recent fire history, which includes the 2010 Four Mile Fire that destroyed 169 homes, incurred \$217 million in property loss, and suppression costs exceeded \$10 million.

Scope of Work

7 The grant funding will focus on implementing fuels reduction priorities from the Boulder, Gilpin, and fire district CWPPs. This will include reducing tree densities and modifying stand structure by creating shaded fuel breaks at strategic landscape locations. These strategic locations include ridge tops, primary evacuation routes, critical watersheds, and near vital infrastructure.

The treatment emphasis is to retain and manage healthy ponderosa pine and Douglas-fir in excess of 12 inches in diameter. An average of 50-100 trees per acre with 10-15 foot spacing between tree crowns of individual trees and tree clumps will remain over the treatments areas. Even-aged management will be emphasized in pure lodgepole pine forests. Species and size diversity will be taken into account, but preference on tree selection will focus on crown spacing as well as the elimination of ladder fuels, diseased, suppressed, and dead trees. Fuel breaks on average will be at least 300 feet wide (150 feet or more on each side of road/ridge), depending on slope, operability, ownership patterns, permissions, and other natural and man-made features. Fuel breaks may incorporate linked defensible space areas when it contributes to the larger landscape priority treatment.

Project implementation may be accomplished manually or mechanically. The standards for stump heights will be 4" or less and all ladder fuels will be removed up to 8' or 1/3 the height of retained trees. The biomass from these projects will be utilized when possible. Round wood over 6" in diameter will be used as firewood by the contractor or landowner. Slash under 6" in diameter will either be broadcast chipped or piled for winter burning depending on slope and accessibility. Small amounts of slash may be left as lop and scatter not to exceed 12" in depth and not cover more than 50% of the ground in a discontinuous pattern.

Project Summary (check all that apply and answer related questions)

8	Project Category 1: Hazard Fuels Reduction/ Fire Adapted Ecosystem Restoration <input checked="" type="checkbox"/>		
	Number of acres to be treated:	280	Estimated cost per acre: \$2,000.00
	Number of communities directly affected by this project:		10
	Project Category 2: Information & Education <input checked="" type="checkbox"/>		
	Number of citizens to be reached:		200
	Project Category 3: Planning <input type="checkbox"/>		
Number of residences affected:			

Interagency Collaboration

9	<p>This grant funding would result in a continuation of a very successful cooperative fuels treatment effort that has developed locally over the last 10 years. The CSFS works with USFS, BLM, county, city, fire districts, homeowners groups, and local forest health initiative groups on an ongoing basis to develop plans and implement CWPP projects. There are 14 local fire district level CWPPs and two over-arching county-wide CWPPs that cover the entire project area. The priority projects were planned through a collaborative CWPP process and compliment federal, county, city, and state land managing agency planned projects. Each year, approximately 2,000 acres are treated between all partners. As a response to recent large wildfires, cooperators have coordinated fuels treatment plans to focus on cross-boundary landscape scale projects instead of smaller community level scale projects, including individual defensible spaces. This has been recently recognized through the Front Range Fuels Treatment Partnership Round Table. The Roundtable has chosen to partner with the Western Boulder County Healthy Forest Initiative (WBCHF) to receive priority recognition. This group has strong support for a landscape scale approach that considers all ownerships and includes both community protection and ecological restoration. Due to their community roles, the group's leaders already have significant experience with public outreach and education. State, county, and fire department personnel will also be responsible for project education efforts before, during, and after each project. The existing partners have developed an infrastructure to implement fuels treatments projects using state, county, city, and fire district mitigation crews. The partners have a proven record of success due to available staff and cooperative collaboration. Funding is often the limiting factor to accomplish the partnership's goals.</p>
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Community Wildfire Protection Plan (CWPP)

Does the community have a wildfire protection plan that follows the Healthy Forest Restoration Act CWPP Guidelines and that follows and meets CSFS minimum standards?		Yes <input type="text"/>
Is this project part of the plan? (Choose from the drop down list)		Yes <input type="text"/>
Where would we obtain a copy of this plan?	CSFS State Office or CSFS Boulder District Office	
Is this project identified in your Statewide Forest Resource Assessment and Strategy?		Yes <input type="text"/>

Project Timeline

10	<p>The administrative capacities for project identification, layout, and implementation are already in place by the above listed interagency collaborators and private landowners. Many CWPP identified projects are already planned within communities with landowner involvement. Project implementation will start as soon as grant monies become available. Grant funds will be spent within two years of grant award. A third of the grant money will be encumbered within six months, another third will be encumbered within 18 months, and all grant monies will be spent within two years of the grant award.</p> <p>July-August 2012 : grant funding is awarded, set up grant procedures/budgets/accounts, begin field work, set up meetings with cooperators</p> <p>September-December 2012 : Have public/stakeholder meetings to discuss project details and expectations for the first third of projects, field setup for initial projects</p> <p>January 2013-December 2013 : First third of projects completed, planning for the next third of projects, continue field work, and meetings with cooperators/stakeholders</p> <p>January 2014-May 2014: All project implementation finishing</p>
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Maintenance / Sustainability

All projects are part of local and county-wide CWPPs that are updated periodically, or as needed. As part of the update, fuels projects and their status are reviewed and maintenance/re-entry needs are planned. Projects that take place on agency lands (Boulder County, City of Longmont, City of Boulder, State Parks) have full time staff to oversee the long term maintenance and sustainability. Together with Colorado State Forest Service, Boulder County, Gilpin County, and fire protection district forest health and fuels mitigation efforts, it is expected that participating landowners with fuels reduction projects on their properties will remain engaged in the long term management and maintenance of their natural resources.

Specific maintenance varies by project, but may include follow up thinning, broadcast burning, insect/disease removals, mowing, noxious weed treatments, and herbicide treatments. Long term maintenance of the project is the responsibility of the landowners when they agree to the project parameters. Current and predicted mountain pine beetle mortality within all of the forest types in this project area will help drive community concern and action for the health and protection of their forest resources.

CSFS and other land management agencies will provide the technical advice for fuels maintenance and follow-up recommendations. Projects are entered into a CSFS database that tracks when a project was done, and when maintenance is required. This will ensure that grant funded projects will be maintained over the long term.

11

Landscape Scale

Project work will take place in high value forests of the Northern Front Range as identified in the Colorado Statewide Forest Resource Assessment. According to the assessment themes (Protect Forests from Harm, Conserve Working Forest Landscapes, and Enhanced Public Benefits from Trees and Forests) the project areas in Boulder and Gilpin counties fall in the HIGH to VERY HIGH categories for each theme. The project area has been recognized in numerous studies, CWPPs, and research documents as a complex wildland urban interface challenge due to ownership patterns, slope, access, and political constraints.

The 280 acres of priority fuels reduction will be accomplished in 10-12 project areas where forest restoration and fire mitigation overlap, are in the wildland urban interface, near partner projects, and are part of a larger landscape scale fuels treatment strategy. The USFS, BLM and Rocky Mountain National Park coordinate their fuels reduction projects to support CWPP identified projects.

Local fuels mitigation efforts have evolved from focusing on individual defensible spaces, to small subdivision fuel breaks, to a series of fuels reduction and linked defensible spaces in fire districts. Currently, planning efforts are focusing on larger, cross boundary treatments that concentrate on a landscape scale that incorporates watershed and ecosystem health.

12

2012
Lopez-APP

GOOD COPY - Per Scott
8/1/12

State Fire Assistance Grant Application

FOR OFFICIAL USE ONLY	
State Submitting Project:	Colorado
State Priority Number:	2
Dollar Amount Requested:	\$300,000.00
Matching Share:	\$308,300.00

*For guidance on filling in each box in this application, refer to the *Criteria and Instructions*

Applicant Information	
Applicant:	Colorado State Forest Service
Contact Person:	Jane Lopez
Address:	CSU-5060 Campus Delivery
City/Zip Code:	Fort Collins, Colorado 80523-5060
Phone (Work/Cell):	970-491-8624
Email:	jane.lopez@colostate.edu
Fax:	970-491-3445
Federal Tax ID\DUNS #:	78-597-9618

Community At Risk Information	
Name of Project:	Boulder-Gilpin Community Wildfire Protection Plan Implementation
Community Name:	WUI Communities in Boulder and Gilpin County
County(ies):	Boulder and Gilpin
Congressional District:	2
Latitude:	39.9917°
Longitude:	105.4194°

Grant Contributors (Matching Share)							
(Applications will be disqualified if insufficient match is identified; federal dollars DO NOT qualify- see criteria & instructions for exception)							
Specify each match contributor and the dollar amount of each contribution.							
DO NOT show grant requested funds in this table. This is for matching share only.							
Contributors Name:	Landowner-HOA	Local Government	Fire Districts				TOTAL
Dollars (Hard Match):	\$168,300.00	\$100,000.0	\$25,000.00				\$293,300.00
In-Kind (Soft Match):		\$10,000.00	\$5,000.00				\$15,000.00
TOTAL:	\$168,300.00	\$110,000.00	\$30,000.00	\$0.00	\$0.00	\$0.00	\$308,300.00

Total Project Expense (break down matching share totals from block #3)				
Budget Detail (Provide additional information in Block 7)	Grant Share (\$ Amount Requested)	Match (from block #3)		TOTAL
		Dollars	In-Kind	
Personnel / Labor:	\$12,600.00	\$12,600.00	\$15,000.00	\$40,200.00
Fringe Benefits:				\$0.00
Travel:				\$0.00
Equipment:				\$0.00
Supplies:	\$700.00	\$700.00		\$1,400.00
Contractual:	\$286,700.00	\$280,000.00		\$566,700.00
Construction:				\$0.00
Other:				\$0.00
Indirect Costs:				\$0.00
TOTAL:	\$300,000.00	\$293,300.00	\$15,000.00	\$608,300.00

Budget Narrative	
5	<p>Fuels treatments will be cost shared with grant funds and matched by sub-recipients. Personnel/Labor costs include project setup, oversight, and administration, provided by the Colorado State Forest Service (CSFS), with costs being covered by the sub-recipients, then reimbursed 50% by the grant. CSFS and cooperator agencies will provide and assist with outreach and education regarding Firewise practices and proposed fuels reduction projects. This cost will be calculated at the current volunteer rate as the in-kind match for this grant. Supplies include tree paint and flagging for project area preparation. Personnel and supplies will be matched with cooperator hard dollars. The contractual grant funding will be spent on local forestry businesses and agency mitigation crews for project implementation. Grant dollars will pay for up to, but not exceed \$1,000 per acre of fuels treatments meeting CSFS standards. Sub-recipients will be reimbursed at 50% after final project approval. This system has been used successfully for the past 10 years, completing over 10,000 acres of forest treatment on private and local government property.</p>

Project Area Description	
6	<p>Forest types range from ponderosa pine and mixed conifer to lodgepole pine forests. The 280 acres of priority fuels reduction will be accomplished in 10-12 project areas where forest restoration and fire mitigation overlap, are in the wildland urban interface, near partner projects, and are part of a larger landscape scale fuels treatment strategy. These forests are experiencing a rapid increase in bark beetle mortality that is drastically altering the fuels structure and composition across the landscape. Fuels reduction projects will focus on reducing fire impacts and effects while improving the health and resiliency of these forests to insects and disease. Fires in this area have the potential to affect infrastructure and the direct water supply to local residents. The project area has a high risk of damage from wildland fire based upon recent fire history, which includes the Four Mile Fire (2010) that destroyed 169 homes, incurred \$217 million in property loss, and exceeded \$10 million in suppression costs.</p>

Scope of Work	
7	<p>Grant funding will focus on implementing fuels reduction priorities from the Boulder County, Gilpin County, and fire district Community Wildfire Protection Plans (CWPPs). Actions will include reducing tree densities and modifying stand structure by creating shaded fuel breaks at strategic landscape locations such as ridgetops, primary evacuation routes, critical watersheds, and near vital infrastructure. Treatment emphasis is to retain and manage healthy ponderosa pine and Douglas-fir in excess of 12 inches in diameter. An average of 50-100 trees per acre with 10-15 foot spacing between tree crowns of individual trees and tree clumps will remain over the treatment areas. Even-aged management will be emphasized in pure lodgepole pine forests. Species and size diversity will be taken into account, but preference on tree selection will focus on crown spacing as well as the elimination of ladder fuels, diseased, suppressed, and dead trees. Fuel breaks on average will be at least 300 feet wide (150 feet or more on each side of road/ridge), depending on slope, operability, ownership patterns, permissions, and other natural and man-made features. Fuel breaks may incorporate linked defensible space areas when it contributes to the larger landscape priority treatment. Project implementation may be accomplished manually or mechanically. Standards for stump heights will be 4" or less; all ladder fuels will be removed up to 8' or 1/3 the height of retained trees. Biomass will be utilized when possible. Round wood over 6" in diameter will be used as firewood by the contractor or landowner. Slash under 6" in diameter will either be broadcast chipped or piled for winter burning, depending on slope and accessibility. Small amounts of slash may be left as lop and scatter not to exceed 12" in depth and not covering more than 50% of the ground in a discontinuous pattern.</p>

Project Summary (check all that apply and answer related questions)			
8	Project Category 1: Hazard Fuels Reduction / Fire Adapted Ecosystem Restoration <input checked="" type="checkbox"/>		
	Number of acres to be treated:	280	Estimated cost per acre: \$2,000.00
	Number of communities directly affected by this project: 10		
	Project Category 2: Information & Education <input checked="" type="checkbox"/>		
	Number of citizens to be reached:	200	
	Project Category 3: Planning <input type="checkbox"/>		
	Number of residences affected:	NA	

Interagency Collaboration	
9	<p>The Front Range Fuels Treatment Partnership Roundtable is partnering with the Western Boulder County Healthy Forest Initiative. Both groups have strong support for a landscape scale approach considering all ownerships and including both community protection and ecological restoration. Group leaders will coordinate and implement outreach and education about treatments. In addition, CSFS, Boulder county, Gilpin county, Sunshine FPD, Allenspark FPD, Lefthand FPD and other FPDs will be responsible for project education efforts in each phase of the project. A partner mitigation crew will implement the projects (Boulder Mountain FPD Mitigation Crew, Four Mile FPD Mitigation Crew, and/or Boulder County Sheriff Dept Mitigation Crew). Grant funding will continue a successful, multi-year, cooperative fuels treatment effort. Priority projects were identified and planned through a collaboration of over 40 stakeholders and complement federal, county, city and state land agency planned projects. As a response to recent large wildfires, cooperators have coordinated fuels treatment plans to focus on cross-boundary landscape scale projects instead of smaller scale projects. The partners have treated approximately 2,000 acres per year, due to available staff and cooperative collaboration. Funding is often the limiting factor to accomplish the partnership's goals.</p>
Community Wildfire Protection Plan (CWPP)	
Does this community have a wildfire protection plan that follows the Healthy Forest Restoration Act CWPP guidelines? <input checked="" type="checkbox"/> Yes	
Is this project part of the plan? <input checked="" type="checkbox"/> Yes	
Where would we obtain a copy of this plan? csfs.colostate.edu/pages/wildfire.html	
Is this project identified in your Statewide Forest Resource Assessment and Strategy? <input checked="" type="checkbox"/> Yes	

Project Timeline	
10	<p>Project implementation will start as soon as grant monies become available. A third of the grant money will be encumbered within six months, another third will be encumbered within 18 months, and all grant monies will be encumbered and spent within two years of the grant award.</p> <p>July-August 2012: grant funding awarded, set up grant administration, begin field work, cooperator meetings</p> <p>September-December 2012: Public/stakeholder meetings to discuss project details and expectations for the first third of projects, field setup for initial projects</p> <p>January 2013-December 2013: First third of projects completed, prepare for next third of projects, continue field work, and hold cooperators/stakeholders meetings</p> <p>January 2014-May 2014: Complete project implementation.</p>

Maintenance / Sustainability	
11	<p>Before project implementation, it is required that participating landowners sign an agreement to maintain treatments for at least five years. At the final inspection and approval, CSFS will provide technical advice for maintenance and follow-up requirements.</p> <p>As part of periodic CWPP updates, the status of projects are reviewed and maintenance and re-entry needs are planned. Projects that take place on agency lands (Boulder County, City of Longmont, City of Boulder, State Parks) have full time staff to oversee long term maintenance and sustainability. Specific maintenance varies by project, but may include follow up thinning, broadcast burning, insect/disease removals, mowing, noxious weed treatments, and herbicide treatments. Current and predicted mountain pine beetle mortality within all of the forest types in the project area will help drive community concern and action for the health and protection of forest resources. Project end dates are entered into a CSFS database to estimate maintenance dates.</p>

Landscape Scale	
12	<p>The 280 acres of high priority fuels reduction will be accomplished in 10-12 project areas where forest restoration and fire mitigation overlap, are in the wildland urban interface, adjoining or near partner projects, and are part of a larger landscape scale fuels treatment strategy. Project locations will be adjacent to projects such as the several hundred acre Arapahoe-Roosevelt National Forest fuels project underway in Nederland (Ridge Road), the 655 acre Button Rock Reservoir Watershed project, and the 950 acre Bureau of Land Management Good Neighbor Authority project. This project is landscape scale because of coordination with the US Forest Service, the Bureau of Land Management, Rocky Mountain National Park and others to implement landscape scale CWPP-identified projects.</p> <p>The project areas in Boulder and Gilpin counties are identified in the State Action Plan as having high to very high risk from wildland fire. The project area has been recognized in numerous studies, CWPPs and research documents as a complex wildland urban interface challenge due to ownership patterns, slope, access and political constraints.</p> <p>Local fuels mitigation efforts have evolved from focusing on individual defensible spaces to a series of linked defensible spaces in fire districts. Currently, planning efforts are focusing on larger, cross-boundary treatments that concentrate on landscape scale work, incorporating watershed and ecosystem health.</p>

ALL INFORMATION MUST FIT INTO THE BOXES PROVIDED. ATTACHMENTS AND/OR MODIFICATIONS WILL NOT BE CONSIDERED BY THE COMMITTEE.

2012

2012

Colorado Wildland Urban Interface Grant Application

For Official Use Only	
District Submitting Project:	BO
District Priority Number:	4
Dollar Amount Requested:	\$65,000.00
Matching Share:	\$32,500.00

*For guidance on filling in each box in this application, refer to the *Criteria and Instructions to States*

Applicant Information

1	Applicant:	City of Longmont		
	Contact Person:	Dennis Fisher		
	Address:	1100 South Sherman Street		
	City/ZipCode:	Longmont, CO 80501		
	Phone (Work/Cell):	303-823-6060		
	Email:	dennis.fisher@ci.longmont.co.us		
	Fax:	303-651-8812		

Community At Risk Information

2	Name of Project:	South Draw Thinning		
	Community Name:	Button Rock Preserve		
	County (ies):	Boulder		
	Congressional District:	2		
	Latitude:	40 12 52	Longitude:	105 22 02

Grant Contributors

(Applications will be disqualified if insufficient match is identified; federal dollars DO NOT qualify - see criteria & instructions for exception)
Specify each match contributor and the dollar amount of each contribution.
DO NOT show grant requested funds in this table - **This Is For Matching Share ONLY.**

3	Contributor's Name:	Longmont, CO					TOTAL
	Dollars (Hard Match):	\$27,500.00					\$27,500.00
	In Kind (Soft Match):	\$5,000.00					\$5,000.00
	TOTAL:	\$32,500.00					\$32,500.00

Total Project Expense (break down matching share totals from block #3)

	Budget Detail (Provide additional information in Block 7)	Grant Share (\$ Amount Requested)	Match (from block #3)		TOTAL
			Dollars	In-Kind	
4	Personnel/Labor:		\$5,000.00		\$5,000.00
	Fringe Benefits:				
	Travel:				
	Equipment:			\$5,000.00	\$5,000.00
	Supplies:		\$2,000.00		\$2,000.00
	Contractual:	\$32,500.00	\$20,500.00		\$53,000.00
	Construction:				
	Other:				
	TOTAL:		\$32,500.00	\$27,500.00	\$5,000.00

Budget Narrative

The City of Longmont Water Resources 2012-13 budget will include \$32,500 funding to support it's share of the project goals including contract costs, city labor, equipment, supplies and management.

* Personnel/Labor costs of \$5,000 will consist of project manager wages, and temporary forest technician wages for boundary and timber marking, slash disbursement and small log piling.

* Equipment expenses of \$5,000 in-kind will entail use of dump trucks, trailer and chipper.

5 * Supplies includes timber marking paint, chainsaw, fuel, and personal safety gear.

*Contractual costs of \$53,000 will provide payment to awarded contracted sawyers for thinning operation.

Project Area Description

6 This project will improve forest health and provide pre-wildland fire mitigation by removing selected understory pine, fir and juniper trees within a forested municipal watershed which supplies raw water to the City of Longmont, Town of Lyons, and downstream agricultural users. The project entails fuels reduction efforts along the southeast shoreline of Ralph Price Reservoir as designated within management Unit 6 of the Button Rock Dam Forest Stewardship Plan (CWPP) developed in 2003. This project will add to the landscape wide prior fuels mitigation efforts within this watershed which have been accomplished on approximately 785 forested acres. This project area has been identified within the CSFS Colorado Statewide Forest Resource Assessment with a VERY HIGH ranking on the theme map 'Enhance Public Benefits from Trees and Forests. Referencing the maps for 'Conserve working Forest Landscapes' and "Protect Forests from Harm' the proposed project area is ranked HIGH.

Scope of Work

7 In this effort to address wildfire fuels along the North Saint Vrain Creek, we will concentrate on reducing fuels on approximately 40 forested acres, adjacent to Button Rock Dam/Ralph Price Reservoir, meeting CSFS standards for defensible forest thinning. The City of Longmont will identify the boundary of the area to be thinned, mark trees to remove achieving a residual target tree canopy average of 35%, assist in project implementation, and manage the fuels reduction project with \$5,000 city employee labor match and \$5,000 in-kind equipment use match, with \$2,000 for supplies. The City of Longmont will contract with the current city contractor to perform mechanized or hand thinning, using \$32,500 grant funding and \$20,500 City cash match. Cut logs will be stacked, chipped or hauled off the project site. Slash will be lop and scattered.

Project Summary (check all that apply and answer related questions)

	Project Category 1: Hazard Fuels Reduction/ Fire Adapted Ecosystem Restoration <input checked="" type="checkbox"/>		
	Number of acres to be treated: 40	Estimated cost per acre:	\$1,625.00
	Number of communities directly affected by this project:		2
8	Project Category 2: Information & Education <input type="checkbox"/>		
	Number of citizens to be reached:		
	Project Category 3: Planning <input type="checkbox"/>		
	Number of residences affected:		

Interagency Collaboration

9	<p>The City of Longmont is currently working with the County of Boulder in development of a landscape wide forest mitigation map, data base, and community wide mitigation plan. Additional community participants on this project will include Boulder County Youth Corps and Longmont Youth Programs to assist with small log removal and slash lop and scatter. In addition, the USFS has identified 160 acres adjacent to the Longmont watershed for forest thinning mitigation in 2014-15.</p>
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Community Wildfire Protection Plan (CWPP)

	Does the community have a wildfire protection plan that follows the Healthy Forest Restoration Act CWPP Guidelines and that follows and meets CSFS minimum standards?			Yes
	Is this project part of the plan? (Choose from the drop down list)			Yes
	Where would we obtain a copy of this plan?	CSFS Boulder District Office		
	Is this project identified in your Statewide Forest Resource Assessment and Strategy?			Yes

Project Timeline

10	<ul style="list-style-type: none"> - December 2012: Identify and mark thinning area boundary. - January 2013: Mark trees for removal. - February 2013: Prepare contract with timber thinning contractor. - March 2013 - August 2013: Complete wildland fuels mitigation efforts on 40 acre unit.
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Maintenance / Sustainability

The City of Longmont is committed to the long term care of the Button Rock Dam/Ralph Price Reservoir watershed. A 15-20 year forest stewardship management document (CWPP) was completed in 2003. This plan set standards to achieve wildland fire fuels reduction goals on 2000 forested acres within and adjacent to the proposed project area. The City of Longmont employs a staff forester and Watershed Ranger to inspect and collaborate on forest management resources, then prioritize annual work plans to best meet the continued needs of maintaining forest health. The City of Longmont will continue to budget and maintain the achieved standards insuring wildland fire thinning mitigation with annual maintenance activities which addresses timber management of forest regeneration indefinitely into the future.

11

Landscape Scale

This project will compliment the proposed USFS St. Vrain Fuels Project on adjacent national forest and coincide with scheduled mitigation on adjacent Boulder County Open Space. Neighboring private landowners close to the project area have begun their own forest mitigation efforts, independently working with CSFS and NRCS to develop and implement forest management plans which have reduced fuels and lessened catastrophic wildland fire threats within this WUI landscape. The proposed project area has been identified as a fuels mitigation high priority location on the Boulder County Community wildfire mapping efforts as this watershed is bordered by three individual Boulder County Open Space mountain properties (Hall Ranch, Billings Ranch and Riverside Ranch) currently implementing mitigation efforts.

12

2012

Colorado Wildland Urban Interface Grant Application

For Official Use Only	
District Submitting Project:	BO
District Priority Number:	2
Dollar Amount Requested:	\$35,000.00
Matching Share:	\$40,700.00

*For guidance on filling in each box in this application, refer to the *Criteria and Instructions to States*

Applicant Information	
1	Applicant: City of Boulder Open Space and Mountain Parks
	Contact Person: Chris Wanner
	Address: 66 S. Cherryvale Rd
	City/ZipCode: Boulder, CO 80303
	Phone (Work/Cell): 720-564-2045
	Email: wannerc@bouldercolorado.gov
	Fax: 720-564-2095

Community At Risk Information			
2	Name of Project:	Bison Drive	
	Community Name:	Upper Flagstaff-Pine Needle Notch/Bison Dr	
	County (ies):	Boulder	
	Congressional District:	2	
	Latitude:	39.976	Longitude:

Grant Contributors						
(Applications will be disqualified if insufficient match is identified; federal dollars DO NOT qualify - see criteria & instructions for exception)						
Specify each match contributor and the dollar amount of each contribution.						
DO NOT show grant requested funds in this table - This Is For Matching Share ONLY.						
3	Contributor's Name:	City of Boulder				TOTAL
	Dollars (Hard Match):	\$35,000.00				\$35,000.00
	In Kind (Soft Match):	\$5,700.00				\$5,700.00
	TOTAL:	\$40,700.00				\$40,700.00

Total Project Expense (break down matching share totals from block #3)					
	Budget Detail (Provide additional information in Block 7)	Grant Share (\$ Amount Requested)	Match (from block #3)		TOTAL
			Dollars	In-Kind	
4	Personnel/Labor:	\$35,000.00	\$35,000.00	\$5,700.00	\$75,700.00
	Fringe Benefits:				
	Travel:				
	Equipment:				
	Supplies:				
	Contractual:				
	Construction:				
	Other:				
	TOTAL:		\$35,000.00	\$35,000.00	\$5,700.00

Budget Narrative

All of the work planned for this project will be completed "in-house" by City of Boulder seasonal and permanent staff. The funds requested will pay for a portion of the seasonal crew that will be implementing the project. This crew will be responsible for cutting, chipping, skidding and hauling all the trees cut as part of this project. The \$35,000 hard match is funds allocated in the 2012 City of Boulder OSMP budget to fund the OSMP seasonal forest crew.

In addition to the hard match, the in-kind match will be met with time spent by the OSMP Forest Ecologist on the project. This time will include project layout, marking, field work, crew oversight, and general coordination. The in-kind match was estimated at 16 hours per week for the duration of the project (approx. 3 months). Additional costs for equipment and supplies will be covered as part of the OSMP operating budget.

5

Project Area Description

The Bison Drive project area is located south of Flagstaff Road approximately 4.5 miles up Flagstaff from Baseline Rd. The project is on an island of City of Boulder Open Space and Mountain Parks property that is surrounded by private properties in the Pine Needle Notch and Bison Drive neighborhoods. The area is at about 7300 feet in elevation and is dominated by stands of ponderosa pine and smaller patches of a ponderosa-Douglas-fir mix. Many of the grassy openings in this area have also become dense with Douglas-fir regeneration. Historic photos of this area show a dramatically more open and less dense forest structure that has filled in in the last 50-60 years. Many of the trees have also been heavily infested with dwarf mistletoe.

The location of this project makes it an ideal landscape scale fuel break. The thinning will follow a north-south running ridge between two clusters of private property and houses, and will connect two roads that could be used as fuel breaks in the event of a wildfire. Fuels mapping done in the Boulder County CWPP has identified this area as having a high to severe potential wildfire intensity index and the fuels and topography are very similar to the nearby Walker Ranch area that burned in 2001. The area also falls into the high or very high category for all the value criteria outlined in the Colorado Statewide Forest Resource Assessment and in the highest category on the aggregate map.

In addition to the wildfire mitigation benefits, this area would also benefit ecologically from thinning. Removing a large proportion of the trees will help restore large grassland patches and improve the habitat for both vegetation and wildlife. This area has regular use by wild turkey, forest raptors, elk, mountain lion, and numerous other forest species.

6

Scope of Work

This project will run from approximately April through July of 2012 and will include cutting, skidding, chipping and wood removal from the site. In total, the project will include approximately 73 acres of thinning to a target basal area between 50 and 75 sq ft/acre. Work will also include tree marking, some education and outreach, and post-treatment monitoring to measure project success. All the layout, monitoring, and outreach tasks will be done by Open Space and Mountain Parks (OSMP) permanent staff.

Grant funding will be applied to part of the cost of thinning operations. OSMP supports an annual seasonal thinning crew that completes much of the work in Boulder's forests. OSMP also has the equipment necessary to complete this type of work. Grant funding will be applied to the cost of hiring and maintaining a crew for the time necessary to complete this project. The forest crew is responsible for and will complete all aspects of the thinning operations including cutting, skidding, hauling and chipping.

7

Project Summary (check all that apply and answer related questions)

8	Project Category 1: Hazard Fuels Reduction/ Fire Adapted Ecosystem Restoration <input checked="" type="checkbox"/>			
	Number of acres to be treated:	73	Estimated cost per acre:	\$1,000.00
	Number of communities directly affected by this project:		1	
	Project Category 2: Information & Education <input type="checkbox"/>			
	Number of citizens to be reached:			
	Project Category 3: Planning <input type="checkbox"/>			
Number of residences affected:				

Interagency Collaboration

9	<p>All of the work for this project will be completed by OSMP staff with some collaboration with the City fire department. OSMP works closely with City Fire on many forest projects and the Fire department provides staff for project implementation. Fire staff is not fully dedicated to this project but they will provide a number of work days. City employees and equipment will be used for all cutting, skidding, chipping, and hauling.</p> <p>There is also potential to work with the local fire protection district, Rocky Mountain Fire, in this area. This project could lead to additional work in the area on private property or along road right-of-ways in the future.</p>
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Community Wildfire Protection Plan (CWPP)

Does the community have a wildfire protection plan that follows the Healthy Forest Restoration Act CWPP Guidelines and that follows and meets CSFS minimum standards?	In development
Is this project part of the plan? (Choose from the drop down list)	Yes
Where would we obtain a copy of this plan?	CSFS Boulder District
Is this project identified in your Statewide Forest Resource Assessment and Strategy?	Yes

Project Timeline

10	<p>Project layout, planning, and marking will begin in early February and will likely take 3 to 4 weeks. Cutting will begin in mid to late April with project completion anticipated in July of 2012. All aspects of the project including cutting, chipping, skidding and hauling will be complete by the end of the year. An end-of-year report will outline the accomplishments of the project, final stand conditions and the project goals that were met.</p>
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Maintenance / Sustainability

11

Long-term maintenance will include monitoring and additional thinning in the future when necessary. All treatments on OSMP include pre and post-treatment overstory inventories conducted by the OSMP forest ecologist. These inventories measure structure and composition and inform when and where management occurs. An inventory following the thinning project will also measure the success of the treatment and, in some cases, additional thinning may be added to maintain desired conditions. Forested areas will be monitored on a ten year cycle to track changes in forest conditions and the effectiveness of previous treatments. All on-going forest work will be included in long-term OSMP workplans.

Landscape Scale

12

This project is part of a much larger landscape scale plan and future treatments. The Bison Dr. project falls within the southern Boulder County treatment area described in the Boulder County CWPP. This larger priority treatment area includes projects on City, County, State and Forest Service lands and targets some of the largest and most hazardous contiguous fuels in the county. The Bison Drive project will be adjacent to and build on planned projects in the USFS's Forsythe project area, the County's Walker Ranch property, projects planned and completed around Gross Reservoir, and previously completed projects done by the City of Boulder. Many of these projects are designed to compliment each other and, when complete, will decrease the hazardous fuels and create landscape level breaks in a large portion of the county.

2012

Colorado Wildland Urban Interface Grant Application

For Official Use Only	
District Submitting Project:	60
District Priority Number:	3
Dollar Amount Requested:	\$72,000.00
Matching Share:	\$108,000.00

*For guidance on filling in each box in this application, refer to the *Criteria and Instructions to States*

Applicant Information

1	Applicant:	Four Mile Fire Protection District
	Contact Person:	Bruce Vaughn or Bret Gibson (Chief)
	Address:	87 Four Mile Canyon Drive
	City/ZipCode:	Boulder, CO 80302
	Phone (Work/Cell):	303-492-7985 (Vaughn) 303-444-0882 (Gibson)
	Email:	bruce.vaughn@colorado.edu
	Fax:	303-541-0665

Community At Risk Information

2	Name of Project:	Salina and Logan Mill defensible space and fuels reduction		
	Community Name:	Salina and Logan Mill communities within the Four Mile F.P.D.		
	County (ies):	Boulder		
	Congressional District:	2nd		
	Latitude:	40° 03' 02" N	Longitude:	105° 22' 20"

Grant Contributors

(Applications will be disqualified if insufficient match is identified; federal dollars DO NOT qualify - see criteria & instructions for exception)
Specify each match contributor and the dollar amount of each contribution.
DO NOT show grant requested funds in this table - **This Is For Matching Share ONLY.**

3	Contributor's Name:	Four Mile Fire					TOTAL
	Dollars (Hard Match):	\$108,000.00					\$108,000.00
	In Kind (Soft Match):						
	TOTAL:	\$108,000.00					\$108,000.00

Total Project Expense (break down matching share totals from block #3)

	Budget Detail (Provide additional information in Block 7)	Grant Share (\$ Amount Requested)	Match (from block #3)		TOTAL
			Dollars	In-Kind	
4	Personnel/Labor:	\$72,000.00	\$108,000.00		\$180,000.00
	Fringe Benefits:				
	Travel:				
	Equipment:				
	Supplies:				
	Contractual:				
	Construction:				
	Other:				
	TOTAL:	\$72,000.00	\$108,000.00		\$180,000.00

Budget Narrative

5

We propose to create defensible space for a total of 75 homes in two neighborhoods @ \$2000 per home, and to reduce fuels on an additional 20 acres \$1,500 per acre for a project total of \$180,000. The Four Mile FPD has created a highly trained Fire Crew that has mitigated areas in the Four Mile and adjacent fire districts of Gold Hill and Sunshine. As a not-for-profit group, it delivers remarkable value to land owners who choose to engage their services for fuel reduction. All costs associated with this (\$180k) project are for labor and expenses directly related to the Fire Crew performing the mitigation proposed in this project. Cost estimates of \$2,000 for creating defensible space have been derived from past experience of the Fire Crew and reflect the average cost for an average parcel with average fuels reduction needs. Similar per-acre estimates for additional fuels reduction on adjacent parcels to connect mitigated areas are based on similar historical experience by the Fire Crew working directly in this district. We are asking the the Colorado Wildland Urban Interface Grant program for 40% of the costs of the project and the remaining 60% will be provided as a hard match by the Four Mile FPD. In turn the Fire department will engage landowners to help contribute a portion of the cost, to further stretch the mitigation dollars where possible. There are no expenditures in the project for administration, outreach, or grant preparation. The \$2,000 per defensible space parcel includes the cost of marking trees, land owner consultations, and follow up to help educate the land owner in how to maintain the defensible space in the future .

Project Area Description

6

Project Description: We intend to mitigate and create defensible space around 75 homes and reduce fuels in the two communities of Logan Mill and Salina in the Four Mile District. The 2010 Four Mile Fire burned over 6,000 acres in the Wildland Urban Interface of the Front Range in our fire district. Continuing mitigation efforts to protect the green areas and the values at risk within our community remains a high priority, featured in our CWPP, and is part of the Colorado State Forest Resource Strategy. Also , as a result of the recent fire, there are fingers of green mixed in the burned area that still contain heavy fuels. We plan to use the Four Mile Fire Crew to mitigate 75 homes within the Four Mile District to: a) protect the area from future burns through fuels reduction, creation of defensible space and escape routes, b) enable the re-establishment of ecosystems and habitat in response to the fire, and c) to lessen the potential for serious post-fire soil erosion and subsequent degradation of the water shed which threatens local water supplies. By mitigating the homes in both these more densely inhabited areas, we can link areas of fuels reduction to form larger parcels of more protected areas. All areas identified in the project are within high or very high zones as specified by the 3 Colorado Forest Resource Assessment maps. The "Combined Map of Enhanced Public Benefits from Trees and Forests" map (map #29, page 68) indicates both project areas are in the purple zone of 83%- 100%. Similar high values are shown in the other 3 maps in the assessment which support the composite map. The project has buy-in from stakeholders in the neighborhoods, which stand ready to partner with this project and the Four Mile Fire Protection District to achieve these goals.

Scope of Work

7

The creation of defensible space (or D-space) is a primary objective for the scope of the project. In the aftermath of the September 2010 fire that burned over 6,000 acres, evidence suggests that defensible space played an important role in the survivability of many homes. Extreme fire behavior and limited resources can often mean that safe access to some areas by firefighters is not always possible, increasing the importance of effectively mitigated homes that can stand alone. Dollar for dollar, the creation of D-space in our district returns the highest value on mitigation efforts to reduce hazards. Both of the neighborhoods targeted with this proposal, Salina and Logan Mill, have a portion of the homes that have either limited or no mitigation, and also contain some burned areas. The Salina neighborhood has a higher density of homes, and lends itself to leveraging linked D-spaces to create larger areas of reduced hazard. The Logan Mill area still contains stands of densely packed ponderosa pine and juniper forests on steep slopes where heavy fuel loads can threaten structures above. In both cases, a combination of D-space creation around structures, and fuels reduction on adjacent property with existing committed land owners emerges as an effective strategy to reduce overall hazard. All funds in this project will be spent in pursuit of this goal. Strategies employed will be tailored specifically for burned, and unburned areas. Trees will be marked, cut, and bucked to similar lengths, depending on diameter and left piled near the stump. No buck piles or slash piles will be created with five feet of a retained tree to reduce the chances of an Ips Beetle infestation jumping from slash/bucks to a live, retained tree. All stumps will cut low to the ground, and where appropriate, contour falling of trees will be used on a limited basis to mitigate soil erosion, and soil migration, particularly in the burned area. Slash will be piled for chipping near roads, broadcast to 1inch deep over green areas, and deeper (~2 inches) over the burned areas. Where impractical, slash piles will be either burned or lopped and scattered.

Project Summary (check all that apply and answer related questions)

8	Project Category 1: Hazard Fuels Reduction/ Fire Adapted Ecosystem Restoration <input checked="" type="checkbox"/>		
	Number of acres to be treated:	75+	Estimated cost per acre: \$2,000.00
	Number of communities directly affected by this project:		2
	Project Category 2: Information & Education <input type="checkbox"/>		
	Number of citizens to be reached:		NA
	Project Category 3: Planning <input checked="" type="checkbox"/>		
Number of residences affected:		75	

Interagency Collaboration

9	<p>The area targeted for this fuels mitigation project is the direct result of the collaboration between the Four Mile FPD and stake holders in the district where hazards have been identified. The CWPP for the Four Mile PFD also indicates these two neighborhoods as high-priority for mitigation. The Post-fire awareness in the district has been raised and communities are coming forward as groups and individual land owners to become involved in reducing the hazards for future fires. There is also an awareness that mitigation in one fire district can greatly affect adjacent ones. Our adjacent fire districts of Sunshine and Gold Hill will directly benefit from mitigation efforts in Four mile, as both of these districts have areas that are directly above areas that are proposed for mitigation in this effort. All areas identified in the project are within high or very high zones as specified by all 3 Colorado Forest Resource Assessment maps. The "Combined Map of Enhanced Public Benefits from Trees and Forests" map (map #29, page 68) indicates both project areas are in the purple zone of 83%- 100%. Similar high values are shown in the other 3 maps in the assessment which support the composite map.</p>
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Community Wildfire Protection Plan (CWPP)

Does the community have a wildfire protection plan that follows the Healthy Forest Restoration Act CWPP Guidelines and that follows and meets CSFS minimum standards?		Yes <input type="text"/>
Is this project part of the plan? (Choose from the drop down list)		Yes <input type="text"/>
Where would we obtain a copy of this plan?	http://bcn.boulder.co.us/emergency/fourmile/cwpp.shtml	
Is this project identified in your Statewide Forest Resource Assessment and Strategy?		Yes <input type="text"/>

Project Timeline

10	<p>If funded, we do not anticipate the arrival of funds before April or May 2012. Should this date be earlier or later, the following time line can be appropriately move up or back.</p> <p>All work is to be accomplished over the the following time line:</p> <table style="width: 100%;"> <tr> <td style="width: 60%;">Meet with homeowner's</td> <td>4/01/12-4/30/12</td> </tr> <tr> <td>Project funding and go-ahead</td> <td>5/01/12-5/15/12</td> </tr> <tr> <td>Marking trees</td> <td>5/16/12-5/31/12</td> </tr> <tr> <td>Mitigation area 1 (Salina D-space)</td> <td>6/01/12-6/30/12</td> </tr> <tr> <td>Mitigation area 2 (Logan Mill D-space)</td> <td>7/01/12-7/31/12</td> </tr> <tr> <td>Mitigation area 3 (Connected areas)</td> <td>8/01/12-8/31/12</td> </tr> </table>	Meet with homeowner's	4/01/12-4/30/12	Project funding and go-ahead	5/01/12-5/15/12	Marking trees	5/16/12-5/31/12	Mitigation area 1 (Salina D-space)	6/01/12-6/30/12	Mitigation area 2 (Logan Mill D-space)	7/01/12-7/31/12	Mitigation area 3 (Connected areas)	8/01/12-8/31/12
Meet with homeowner's	4/01/12-4/30/12												
Project funding and go-ahead	5/01/12-5/15/12												
Marking trees	5/16/12-5/31/12												
Mitigation area 1 (Salina D-space)	6/01/12-6/30/12												
Mitigation area 2 (Logan Mill D-space)	7/01/12-7/31/12												
Mitigation area 3 (Connected areas)	8/01/12-8/31/12												

Maintenance / Sustainability

11

The long term benefits from a properly mitigated forest will include a healthier forest ecosystem that will be more resistant to catastrophic fire. Mitigation of trees affected by beetle kill will be given a priority in the fuels reduction program, resulting in a positive affect on the influx of the beetle infestation. Defensible space around structures will protect the property and provide greater safety to responding firefighters for decades to come. Ultimately it will be up to collective home owners in the community to provide the long term sustainability for maintaining D-space over time. The key players are the experienced Four Mile Fire Crew that have been well trained in providing safe fuels reduction and work in conjunction with the Colorado State Forest Service Forest Management Division, to ensure our green tree mitigation and defensible space work aligns with the most current standards. Our role is to educate, encourage, and provide them access to affordable mitigation with our Four Mile Fire Crew. A critical component of the process is to meet with the homeowner after the mitigation and educate them on what is necessary for them to maintain the D-space in the coming years, including weed whacking, keeping combustibles away from the structure, as well as cleaning debris from gutters, and under decks. With a combined community effort we can create appropriate, quality D- spaces and link them to other adjacent fuels reduction projects to reduce the wildfire hazard to our vulnerable urban interface community.

Landscape Scale

12

The impact of this project is expected to change the look and feel of the forest that surrounds the homes in the Logan Mill and Salina neighborhoods. We anticipate a reduction in the fire danger and to increase the number of survivable homes in the event of fire. Since so many of our neighborhoods are down slope of one another and have a significant affect on the hazard imposed on up-slope residents, the benefits of D-space and fuels reduction will not be limited to these two neighborhoods. For example, creating a safer Salina area directly impacts homes that are up hill in the Sunshine Fire district. In addition we expect a positive result in the limited areas that have been burned, helping the forest to return to a healthier state. This project ties into a larger plan that creates safe egress along major district access roads, and makes more of the structures in our district accessible to defend in a fire. It also builds on previous successful efforts towards linking D-spaces in adjacent neighborhoods, like Wall Street and the lower Four Mile Canyon. All of the work proposed here is consistent with our current CWPP for the Four Mile FPD.

State Fire Assistance Grant Application

FOR OFFICIAL USE ONLY	
State Submitting Project:	Colorado
State Priority Number:	3
Dollar Amount Requested:	\$300,000.00
Matching Share:	\$300,000.00

*For guidance on filling in each box in this application, refer to the *Criteria and Instructions*

Applicant Information	
Applicant:	Colorado State Forest Service
Contact Person:	Jane Lopez
Address:	CSU—5060 Campus Delivery
City/Zip Code:	Fort Collins, CO 80523-5060
Phone (Work/Cell):	970-491-8624
Email:	jane.lopez@colostate.edu
Fax:	970-491-3445
Federal Tax ID\DUNS #:	78-597-9618

Community At Risk Information	
Name of Project:	Northern Front Range Fuels Treatment Partnership
Community Name:	24 Defined & Targeted Communities
County(ies):	Larimer, Boulder, Gilpin, Clear Creek & Grand Counties
Congressional District:	2, 5 & 6
Latitude:	40.2385° N
Longitude:	105.5401° W

Grant Contributors (Matching Share)							
(Applications will be disqualified if insufficient match is identified; federal dollars DO NOT qualify- see criteria & instructions for exception)							
Specify each match contributor and the dollar amount of each contribution.							
DO NOT show grant requested funds in this table. This is for matching share only.							
Contributors Name:	Communities	Counties	Fire Districts	CSFS	FRFTP		TOTAL
Dollars (Hard Match):	\$65,000.00	\$20,000.0	\$25,000.00	\$20,000.00	\$20,000.00		\$150,000.00
In-Kind (Soft Match):	\$55,000.00	\$30,000.00	\$30,000.00	\$25,000.00	\$10,000.00		\$150,000.00
TOTAL:	\$120,000.00	\$50,000.00	\$55,000.00	\$45,000.00	\$30,000.00	\$0.00	\$300,000.00

Total Project Expense (break down matching share totals from block #3)				
Budget Detail (Provide additional information in Block 7)	Grant Share (\$ Amount Requested)	Match (from block #3)		TOTAL
		Dollars	In-Kind	
Personnel / Labor:	\$50,000.00	\$38,000.00	\$85,000.00	\$173,000.00
Fringe Benefits:	\$7,000.00	\$7,000.00	\$9,500.00	\$23,500.00
Travel:	\$1,000.00	\$600.00	\$800.00	\$2,400.00
Equipment:	\$4,000.00	\$0.00	\$0.00	\$4,000.00
Supplies:	\$1,200.00	\$400.00	\$700.00	\$2,300.00
Contractual:	\$175,000.00	\$104,000.00	\$54,000.00	\$333,000.00
Construction:		\$0.00	\$0.00	\$0.00
Other:	\$0.00	\$0.00	\$0.00	\$0.00
Indirect Costs:	\$61,800.00			\$61,800.00
TOTAL:	\$300,000.00	\$150,000.00	\$150,000.00	\$600,000.00

Budget Narrative	
5	<p>PERSONNEL/LABOR: grant share is for portions of Colorado State Forest Service project managers' salaries; match is a combination of hard dollars and in-kind contributions from Fire Protection Districts (FPDs) and other groups. FRINGE BENEFITS: grant funding is for Colorado State Forest Service (CSFS) employees dedicated to managing the grant and project implementation; will be matched through hard dollars and in-kind from CSFS and other agencies, as will travel. TRAVEL: grant share is for project site inspections. EQUIPMENT: grant share will be used for chainsaw and safety equipment. No capital purchases (>\$5,000.00) will be made. SUPPLIES: will be purchased to host community meetings and provide literature to ensure community involvement in the project; match is through hard dollars and in-kind from CSFS and other agencies. CONTRACTUAL: passed thru to communities to implement projects using contractors; match is from FPDs and others. INDIRECT: will be used to fund facilities and administrative rate for entities involved in project implementation and management.</p>

Project Area Description	
6	<p>Projects are within the lower montane zone with the majority of treatments in ponderosa pine (Fire Regime III, Condition Class III, FM 2, 9, 10). Project areas have been identified as high priority in the Colorado State Action Plan and have been significantly impacted by the Four Mile, Reservoir Road and Indian Gulch fires. These incidents emphasize the need for fuels treatments to protect life, property and valuable infrastructure in this area.</p> <p>Five priority areas will be treated in Larimer, Boulder, Clear Creek, and Grand counties. Treatments identified in CWPPs will be implemented in the North Zone of the FR targeting high priority landscapes and critical watersheds, resulting in 850 acres of mechanical treatment and 150 acres of prescribed fire. The project area is part of the Front Range Fuels Treatment Partnership (FRFTP) and the Front Range Roundtable, which are major long-term initiatives that increase fuels treatments and protect communities across ownerships along Colorado's Front Range (FR).</p>

Scope of Work	
7	<p>This is a hazardous fuels reduction project that will treat a minimum of 1,000 acres, but also incorporates planning, information and education efforts as well. Based on treatment specifics, activities will be completed by hand crews, commercial logging or hazardous fuels mitigation contractors or a combination of the three. Projects will focus on the implementation of defensible space and fuel breaks that will be guided by prescriptions outlined in the CSFS publications, "Creating Wildfire Defensible Zones" and "Fuelbreak Guidelines For Forested Subdivisions." These community protection projects focus on altering the vertical and horizontal arrangement of forest fuels by significantly reducing ponderosa pine and Douglas-fir stand densities, ladder fuels and crown closures. They will raise canopy heights by thinning from below and pruning residual trees. All post-treatment basal areas will range from 40 to 80 sqft/acre. In lodgepole pine stands treatments will focus on removing stand dead and trees newly-infested with MPB or other bark beetles. Treatments combine patchcuts, "linked" openings, and thinning in younger pole-sized stands. Heavy fuels will be removed from all projects and forest products will be utilized wherever possible.</p> <p>These projects are a continuation of landscape level activities that complement previous hazardous fuels mitigation treatments. Before each property is treated, a member of the CSFS meets with the property owner to review activities necessary to meet FIREWISE standards.</p>

Project Summary (check all that apply and answer related questions)			
8	Project Category 1: Hazard Fuels Reduction / Fire Adapted Ecosystem Restoration <input checked="" type="checkbox"/>		
	Number of acres to be treated:	1,000	Estimated cost per acre: \$600.00
	Number of communities directly affected by this project: 24		
	Project Category 2: Information & Education <input checked="" type="checkbox"/>		
	Number of citizens to be reached:	10,000	
	Project Category 3: Planning <input checked="" type="checkbox"/>		
	Number of residences affected:	6,000	

Interagency Collaboration	
9	<p>Collaboration is key to the FRFTP. For example, the Arapahoe-Roosevelt Canyon Lakes Ranger District partnered with an adjacent non-profit boy scout ranch to complete the "Good Neighbor Project," adjoining fuels treatments. This is an example of the type of collaboration the FRFTP will continue with these grant funds.</p> <p>The following partners will provide the following resources to the project:</p> <p>Colorado State Forest Service—personnel, technical assistance, contract assistance, project oversight Federal Agencies (US Forest Service, National Park Service)—technical support, cross-boundary project development Counties—personnel, project implementation Fire Districts—personnel, project implementation, community education Front Range Roundtable—technical support, collaborative oversight Communities/Private Landowners—hard funding and in-kind match, project implementation</p>
	Community Wildfire Protection Plan (CWPP)
	Does this community have a wildfire protection plan that follows the Healthy Forest Restoration Act CWPP guidelines? Yes
	Is this project part of the plan? Yes
	Where would we obtain a copy of this plan? csfs.colostate.edu/pages/wildfire.html
	Is this project identified in your Statewide Forest Resource Assessment and Strategy? Yes

Project Timeline	
10	<p>The inclusion of this project into the existing FRFTP framework allows for immediate implementation of projects.</p> <p>*July 31, 2012 or before: finalize all projects, including land preparation (tree marking, timber inventory, prescribed fire unit preparation)</p> <p>*August 31, 2012 or before: project implementation begins. Most projects will be completed by the end of the 2012 field season. Projects will continue as needed through the 2013 field season and prescribed fire will occur in 2012 & 2013</p> <p>*Upon project completion: inspections, final reporting and reimbursements will be completed.</p>

Maintenance / Sustainability	
11	<p>Before project implementation landowners sign an agreement to maintain the treatment for five years. Maintenance agreements are implemented by FPDs. Most sites within the project area are dominated by Douglas-fir, ponderosa pine or a mix of the two.</p> <p>In these habitats, fuels reduction treatments will be effective with minimal maintenance (primarily removal of regeneration) for 15—20 years depending on the site. During the final inspection and approval by CSFS, homeowners receive material about maintaining their properties and are provided with project specific requirements. In addition, many communities within the project area are members of the Firewise Communities USA program. This program requires annual inspections and renewal requires maintenance checks as part of the process.</p> <p>The FRFTP conducts CWPP and educational workshops to provide information to landowners about the need for continued maintenance. Organized municipalities, open space programs, and state and county lands have maintenance costs for completed treatment areas built into annual budgets.</p>

Landscape Scale	
12	<p>Landscape scale project implementation is the goal of this proposal. In coordination with the Arapahoe-Roosevelt National Forest and across five counties, this proposal implements the FRFTP Strategy; FR Roundtable Assessment & Recommendations; and specific CWPPs. The FR Roundtable assessment and recommendations facilitate project design and effective results from treatments. The FR Roundtable Assessment is being updated to reflect accomplishments since 2006 to continue identifying high priority landscape projects to guide future focus. 15 CWPPs are completed within the geographic context of this project. The highest priority treatments identified in the CWPPs are targeted for implementation. Larger, strategic treatments are the priority and the size and composition of the CWPPs provide a substantial platform to implement meaningful and effective projects. Linking new projects under this proposal to previously completed projects help to produce large-scale, cross-boundary results. These additional activities tie into and complement management that has occurred or is planned on US Forest Service, National Park Service and Bureau of Land Management lands in critical zones.</p>

ALL INFORMATION MUST FIT INTO THE BOXES PROVIDED. ATTACHMENTS AND/OR MODIFICATIONS WILL NOT BE CONSIDERED BY THE COMMITTEE.