

Coalition for the Upper South Platte (CUSP)
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Project:

Forest health and wildfire mitigation on one private property southwest of Woodland Park. The area is made up of primarily mixed conifer stands and some aspen stands. Some treatment areas can be done with machines and some will require hand work. 1 log deck (40 logs) and 1 large slash pile (20ft x 100ft x 12ft) will need disposal, subject to change. See attached pictures for details. This property will need 5 acres treated a year for 3 years.

Property Location:

The Maddox property is located 5 miles southwest of Woodland Park, south of 35 Edlowe Rd, Woodland Park CO 80863. Work will be conducted on 5 acres on private property a year for 3 years, bordered on all sides by private property. This property contains a wildlife corridor close to the treatment area.

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Project Overview:

Work will take place on 1 private property totaling 15 acres treated over 3 years. Slopes range from mild to steep. Most work will be completed by machinery with some hand work on steep slopes. Deadfall cut by the property owner will also be chipped or masticated. Logs will be cut into 6-8' pieces and stacked on site to be used by property owners or donated. 1 log deck (40 logs) and 1 large slash pile (20ft x 100ft x 12ft) will need disposal.

Project Objectives:

Improve forest health
Reduce hazardous fuels
Enhance wildlife habitat
Mitigate insects and disease
Enhance aesthetics

Detailed descriptions for these objectives are listed in the Appendix 2.

Project Timeline:

RFP Released: Friday May 2nd, 2025

Show-Me-Tour: Friday May 9nd, 2025 09:30am. Park at 35 Edlowe Rd, Woodland Park CO 80863.

Bids Due: Friday May 16th, 2025

Project Start: Monday June 2nd, 2025 or as soon as possible

Bid Approach:

The contractor will bid based on their determination of the most effective and cost-efficient strategy for implementing a mixed conifer restoration prescription on a cost/per acre basis. Attending the show-me tour is required in order to bid.

Property Description:

Work will take place on slopes ranging from mild to steep. The area is predominantly a dry mixed conifer forest with Douglas-fir, ponderosa pine, Engelmann spruce and aspen. Tree stands are overstocked with declining, small diameter understory interspersed with standing dead and robust, larger diameter overstory. Continuous canopy characterizes this region's forested areas and these project areas.

Prescription:

The proposed treatments will remove the dense understory in some areas while removing mature trees in areas to convert the declining forest conditions to more robust forest overall with open crown conditions indicative of south-facing slopes and canopy openings created on north facing slopes through tree removal. The resultant forest will be more resistant to wildland fire spread, will provide a more open habitat for wildlife, and will help to return the landscape to a more natural trajectory. Canopy cover will be reduced 50% or more through this prescription.

On north facing slopes trees will be removed to separate groups from other groups within the stands to achieve a basal area of 60-80. On drier south-facing slopes, desired basal area below 60 will be achieved by retaining single large trees and isolating small groups of 2-5 large trees along with larger groups of trees of variable size, age, and species. The focus is to retain ponderosa pine and aspen over Douglas fir, while creating crown spacing to reduce wildfire risk and encourage forest health. Sick/dead and dying Douglas fir will be prioritized for removal. Aspen exists within the mixed conifer. Hand thinning will be used to remove conifer understory within aspen clumps and machine work will remove conifers to a distance of one tree height (average height of aspen in the stand) around the edges of aspen clumps to encourage enlargement of clumps, in areas where this is possible and desired. Boles will be masticated at the stump, if hand cut/sheered, stumps will be low cut. 1 log deck and 1 large slash pile will need disposal, subject to change. This property will need 5 acres treated per year for 3 years.

Slash and forestry by-product management: Slash will be masticated to < 2.5" depth or chipped to < 3" chip size and < 2.5" chip depth. Standing dead will be cut when necessary. 1-4 snags per acre will be retained for habitat. Deadfall cut by the property owner will be chipped or masticated to these parameters. Logs > 10" DBH will be decked in specified location(s) as designated by the property owner. In areas that could be negatively impacted by erosion, boles will be placed perpendicular to the slope to act as log erosion barriers. This is a forest health restoration and fuels reduction project, not landscaping. After work is complete, some larger chunks of woody debris will remain on the property. Having some larger woody pieces left on the forest floor is beneficial for soil health and should be expected. Logs will be cut into 6-8' pieces and stacked on site to be used by property owners or donated.

Project Purpose:

This forest thinning will reduce forest density and increase forest resilience to disturbances, particularly fire. Thinning will increase tree vigor, understory production, wildlife habitat and make tree stands more resilient to the effects of drought and insect and disease outbreaks. The desire is to restore the forest to a more natural trajectory where diversity of stand density, species, age and size class trees are represented across the larger landscape while increasing the survivability of the homes on these properties.

Contractor Task Summary:

The specific tasks for which we are seeking services are summarized below. A detailed explanation of prescriptions and additional pertinent information may be found in the Appendix.

1. Treat approximately 5 acres on 1 property every year for 3 years using machine and hand work.
2. Masticated material will be fine ground to material length no greater than 6 inches and distributed evenly to a depth not to exceed 2-3" on average. Material shall not exceed 40-60% cover of forest floor. Slash to be chipped will be broadcast on site. Chip size will be no greater than 3 inches on average and chip depth will not exceed 2-3" on average.
3. Boles will be cut into 6-8' lengths and stacked onsite.
4. All ground disruptions due to operations will be smoothed, and where necessary, erosion control measures will need to be taken.

5. Boundary areas will be marked with pink flagging, double flagged trees representing corners, and will be identified by CUSP Project Manager.

Bid Submittal Requirements:

1. Contractor Contact information.
 - a. Name
 - b. Phone
 - c. Email
 - d. Address
 - e. Website
2. Proposal Summary- Narrative discussing points mentioned below in the Selection Procedure and Criteria
 - a. Familiarity with project area and scope
 - b. Work experience - pictures and highlights if possible
 - c. Track record - might include recommendations from clients
 - d. Client contact names, addresses, phone numbers, email addresses.
3. Budget -Cost Per Acre
4. Equipment which will be used to complete the project
5. Insurance Declaration meeting the minimum coverages.
6. Timeline for completion

Complete and timely submittal of all required proposal documents is required for the proposal to be considered.

Selection Procedure and Criteria:

Bids for the project described herein will be evaluated on the following basis:

1. Contractor's familiarity with the project area, project scope and work experience.
2. Track record of delivering successful projects which are similar in scope (references)
3. CUSP's confidence in the contractor's ability to implement the proposed work effectively and with high quality outcomes (combination of experience and references)
4. Price.
5. Equipment suitability

Bids will be weighed against these criteria, as opposed to simply accepting the lowest bid. Budget is only one factor that will be considered in awarding the contract for this project. In the event that all proposals exceed our project budget, we will use other criteria in selecting a contractor who is willing to downscale the project scope to fit our budget. CUSP retains all rights to refuse any and all bids for any reason.

Contractor Expectations:

1. Carry liability insurance as required in Appendix 1
2. Work with CUSP to finalize project implementation plan and schedule.
3. Implement according to plan by completing work within the allotted time frame and budget
4. Contractor will follow BMP's established by the Colorado State Forest Service found at <https://static.colostate.edu/client-files/csfs/pdfs/ForestryBMP-CO-2010.pdf>
5. Contractor will follow BMP's established by CUSP for weed control (see Invasive BMP listed on the CUSP Bids Page)

BIDS MUST BE EMAILED, MAILED OR HAND DELIVERED TO:

1. EMAIL

megan@cusp.ws

2. OFFICE LOCATION (please call before coming out)

40 Cherokee Ave,
Lake George, CO 80827

3. OFFICE MAILING ADDRESS

Coalition for the Upper South Platte
PO Box 726
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Pre-Bid Site Visit

Due to the nature of this project it is anticipated that a site visit will be necessary before a bid can be prepared. Access to the property for a "show me" tour has been scheduled for 05/09/25.

Appendices

Appendix 1

Liability Insurance Requirements

During the entire term of Project, the CONTRACTOR shall maintain, at its own expense, insurance in at least the following minimum amounts and classifications:

Workers' Compensation/ Employer's Liability

Not less than that required by statute

Comprehensive General Liability (including blanket contractual liability insurance):

Bodily Injury \$ 500,000 each person; \$1,000,000 each occurrence

Property damage \$ 600,000

General aggregate \$ 2,000,000

Comprehensive Automobile Liability

Bodily Injury \$ 500,000 each person; \$1,000,000 each occurrence

Property damage \$ 600,000

The CONTRACTOR shall furnish certificates of such insurance to CUSP representative prior to performance of this Agreement. CUSP shall be named as an additional insured on all policies of liability insurance.

CONTRACTOR understands that no such insurance will be provided by CUSP.

Appendix 2

Specific Objectives for this Project

Objectives of forest restoration guidelines:

- **IMPROVE FOREST HEALTH**

Encourage resilience to disturbances such as fire, insects, and disease by creating spatially heterogeneous groups by creating a balance of age classes in distinct and randomly separated groups, creating a continuous network of openings and meadows.

- **REDUCE HAZARDOUS FUELS**

Reduce total stems per acre by creating a network of openings and aggregating residual stems into a mosaic of groups, and thus segregate fuels to single groups not allowing for horizontal and vertical continuity through the treatment area.

- **ENHANCE WILDLIFE HABITAT**

Promote an uneven-aged and variable-size tree structure. It is important to maintain a balance of age classes that are variable in distance and proximity to one another resulting in randomly distributed, variably shaped groups of trees, while creating continual and connected openings between aggregates. Each tree Group should be between 0.5 and 1.5 of the tallest tree length to the next group. Within groups of trees it is critical that crowns are either interlocking or close (within 5 feet) to be interlocking.

- **MITIGATE INSECTS AND DISEASE**

The mosaic pattern grouping with adequate distances between groups and the

random distribution of age classes results in a forest more resilient to disease and/or insects.

- **ENHANCE RECREATION AND AESTHETICS**

Many people use this land for hiking and recreating. The approach to address general forest health concerns, while addressing the needs to remove hazardous fuels and prevent insects and disease from spreading will improve wildlife habitat, in turn creating new ways for the land to be enjoyed. The end result will not have a “jail bar” look with evenly spaced trees of similar age. Instead, the end result should have heterogeneous groups of trees.

Appendix 3

Indemnification Statement

CONTRACTOR agrees to protect, defend, indemnify and hold harmless CUSP, its divisions, boards, Colorado Lions Camp and each of their officers, officials, employees, representatives, agents, successors and assigns against any and all losses, penalties, injuries, claims, fines, legal actions, damages, settlements, costs, charges, professional fees, attorney’s fees or other expenses or liabilities of every kind and character incurred by said listed parties and/or arising out of or relating to any and all claims, liens, demands, obligations, actions, proceedings, or causes of action of every kind and character, in connection with, or arising directly or indirectly out of CONTRACTOR’s negligence, intentional act, professional error, mistake, omission, performance or failure to perform and/or default or breach under the terms of this Agreement, or fault of CONTRACTOR during the performance of this Agreement. Without limiting the generality of this Section, in any and all such claims or actions relating to personal injury, or of any other tangible or intangible personal or property right, or actual or alleged violation of any applicable statute, ordinance, administrative order or directive, order, rule or regulation, CONTRACTOR shall respond to and defend any such claims or actions at its sole expense with counsel approved by CUSP and agrees to bear all other costs and expense related thereto, and attorney’s fees, even if such claim is groundless, false or fraudulent.

Appendix 4

Map – Property Location



Appendix 4

Pictures of Slash Pile and Log Deck



Figure 1. Log deck



Figure 2. Slash pile, photo 1



Figure 2. Slash pile, photo 2