

Coalition for the Upper South Platte (CUSP)

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Project Administrator:

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RFB DATES

RFB Release: 5/7/2021
Site Tour: 5/14/2021
Q & A Complete: 5/17/2021
Bids Due: 5/24/2021
Project Start: 6/1/2021

Project:

Tree thinning and fire mitigation on private properties in the Ridgewood HOA near Woodland Park. Some treatment areas can be done with machines and some will require hand work with some work taking place near houses or other buildings.

Property Location:

Ridgewood is located 11 miles north of Woodland Park on the Manitou Experimental Forest. Work will take place on 7 private properties totaling approximately 26 acres.

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Project Overview:

Work will take place of 7 private properties of differing sizes ranging from 1 to 9 acres for a total approximately 26 acres. Slopes range from mild to steep. Some work will take place close to buildings. Some properties will require a lop and scatter while some will allow use of machinery. Logs will be cut into 6-8' pieces and stacked on site.

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 Appendix 2.

Project Timeline:

RFB Released: Friday May 7, 2021

A mandatory Show-Me-Tour: Friday May 14, 2021 10:00am the open parking area on CR 79 (Spruce Road) right after you turn off of Hwy 67 and after you cross the creek. Please RSVP to Adrian Knight, email: adrian@cusp.ws

Bids Due: Monday May 24, 2021, 5:00 pm

Questions & Answers: Completed

Project Start: Tuesday June 1, 2021

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

Property Description:

Ridgewood is located north of Woodland Park. Work will take place on private properties with slope ranging from mild to steep. The area is predominately 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 and 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.

Work will remove <8" dbh trees, generally retaining trees >9" dbh, while separating given groups of trees from other groups within the stands on cooler north-facing slopes to achieve 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 Engelmann spruce over Douglas fir. Throughout these areas, aspen stands are limited and declining due to Douglas fir competition and consistent 20-yr drought conditions, although aspen exists within the mixed conifer. Hand thinning will be used to remove conifer understory within aspen clumps and machine work to 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.

Drainages treated with handwork will retain higher density trees than across slopes, especially in north-facing areas. As needed in minimal areas, trees will be contour-felled, retained and installed as erosion barriers.

D-space within 100 feet of structures will require isolated clumps of 2-5 trees with spacing >30' between retained clumps and retained trees will be limbed within this 100' zone.

Where possible, slash will be masticated to <6" material length and <3" material depth or chipped to <3" chip size and <3" chip depth. Chipped material will not exceed 40-60% cover of the forest floor. Slash will be lopped and scattered when it is not feasible to chip or masticate. Lop and Scatter will not exceed 12" in depth and 36" in length.

Any ground disruptions due to operations will be resolved as necessary.

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 26 acres on 7 properties 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. Lop and scatter shall not exceed 12 inches in depth and 36 inches in length and shall not exceed 30% cover of forest floor.
4. Boles will be cut into 6-8' lengths and stacked onsite.
5. All ground disruptions due to operations will be smoothed, and where necessary, erosion control measures will need to be taken.
6. 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 - could 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. Project cost
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

adrian@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, 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 05/14/21.

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

Project Map

RIDGEWOOD - 2021 RFB

Planned Treatment Units, ~26 ac

Parcel data, Teller County

2019 NAIP aerial imagery
Teller County parcel & road data



0 250 500 1,000 Feet

