

Coalition for the Upper South Platte (CUSP)
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719-649-2402 cell

Project:

Forest Restoration and Fuel Mitigation on Glen Aspen Ranch near Woodland Park, to include mixed conifer restoration treatments.

Property Location:

Glen Aspen Ranch is located at 11050 Loy Creek Road, Woodland Park, CO, 80863.

The Glen Aspen Ranch is owned by the Boy Scouts of America. The Boy Scouts of America were bequeathed the ranch after the previous owner, Leonard Johnson Jr., passed away in July of 2007. He bequeathed the ranch to The Boy Scout of America with 5 conditions:

- 1) That the main cabin is always to be preserved;
- 2) That real property is not to be sold;
- 3) There shall be no hunting or fishing allowed on the property;
- 4) That there shall be no commercial tree cutting on the property; and
- 5) That the domestic animals on the property at the time of my death, if any, shall be cared for until the end of their natural lives.

The Boy Scouts of America have, and continue to, honor these requests. The land is put to good use, hosting boy scouts every year.

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Project Overview:

45 acres of forest restoration in 4 units ranging from 10 to 12.2 acres each. The units are of mixed conifer composition. The project is best suited for a combination of handwork, chipping, mastication.. Logs will be skidded to accessible areas and retain on site. Some areas are rocky and slopes range from flat to 70%.

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: 11/29/17

Show-Me-Tour: 12/7/17 10:00 AM – 12:00 PM

Bids Due: 12/14/17 by 5:00 PM

Contract Period: Work to take place between January, 15 2018 and November, 30 2018 (NRCS Avian species block dates March 25- July 15).

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:

Glen Aspen Ranch is located near Woodland Park, Colorado. The units are of mixed conifer composition.

Prescription - Spatially Heterogeneous Group Retention

Reduce basal area from the average 133 sqft/ac to between 65 and 85 sqft/ac (about 35% reduction) with a focus on more random arrangement of single trees and uneven age/size groups with interlocking crowns and range from 1/100th/ac to 1/5th/ac are of full retention. Distance between groups should be 20' to 60'. Focus on retention of groups of Ponderosa Pine regeneration and older/larger age/size classes. Primary focus of the treatment is the removal of

the 6” to 10 “ Blue Spruce with incidental removal of Douglas fir. Retain groups of Ponderosa Pine and Aspen.

Pre-treatment composition of treatment area

Douglas Fir- 40%

Blue Spruce- 40%

Limber Pine- 6%

Ponderosa Pine- 8%

Aspen-17%

10” size class makes up most of the basal area, while Blue Spruce is the most prevalent species.

Project Purpose:

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 in a mosaic pattern across the project units and the larger landscape, to reduce risk of insect and disease infestation (i.e. bark beetle, dwarf mistletoe), and to reduce the risk of severe wildland fire behavior.

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 45 acres following the treatment prescriptions listed by handwork, mastication, and chipping of slash.
2. 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 3 inches on average. Material left on site shall not exceed 30% cover of forest floor.
3. Masticated material length will be no greater than 6 to 12 inches on average and distributed evenly to a depth not to exceed 3 inches on average. Material shall not exceed 30% cover of forest floor.
4. Lop and scatter shall not exceed 12 inches in depth and shall not exceed 30% cover of forest floor.
5. When removing boles greater than 6 inches in diameter Project Manager will designate log deck locations.
6. All ground disruptions due to operations will be smoothed, and where necessary, erosion control measures will need to be taken.
 - i. In areas where a machine has used a path repeatedly, water bars will be installed by the contractor if the CUSP project manager determines they are necessary.
 - ii. Any trail altered from its current condition will be rehabilitated to its original condition.
 - iii. Machine operators shall avoid disturbing vegetation unnecessarily. Give careful consideration to points of entry or exit from waterways and riparian areas. Minimize disturbance of existing grasslands, willows, or woods to the extent possible.

- iv. Any and all reseeded or replanted will be done with seed-mix or plants per specifications provided by CUSP.
7. 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. Our 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 the Appendix 1
2. Work with CUSP / BSA 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 [http: ..\\Documents\\ForestryBMP-CO-2010.pdf](http://..\\Documents\\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

michelle@cusp.ws

2. OFFICE LOCATION (please call before coming out)

38000 Cherokee Ave,
Lake George, CO 80827

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 12/7/2017.

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

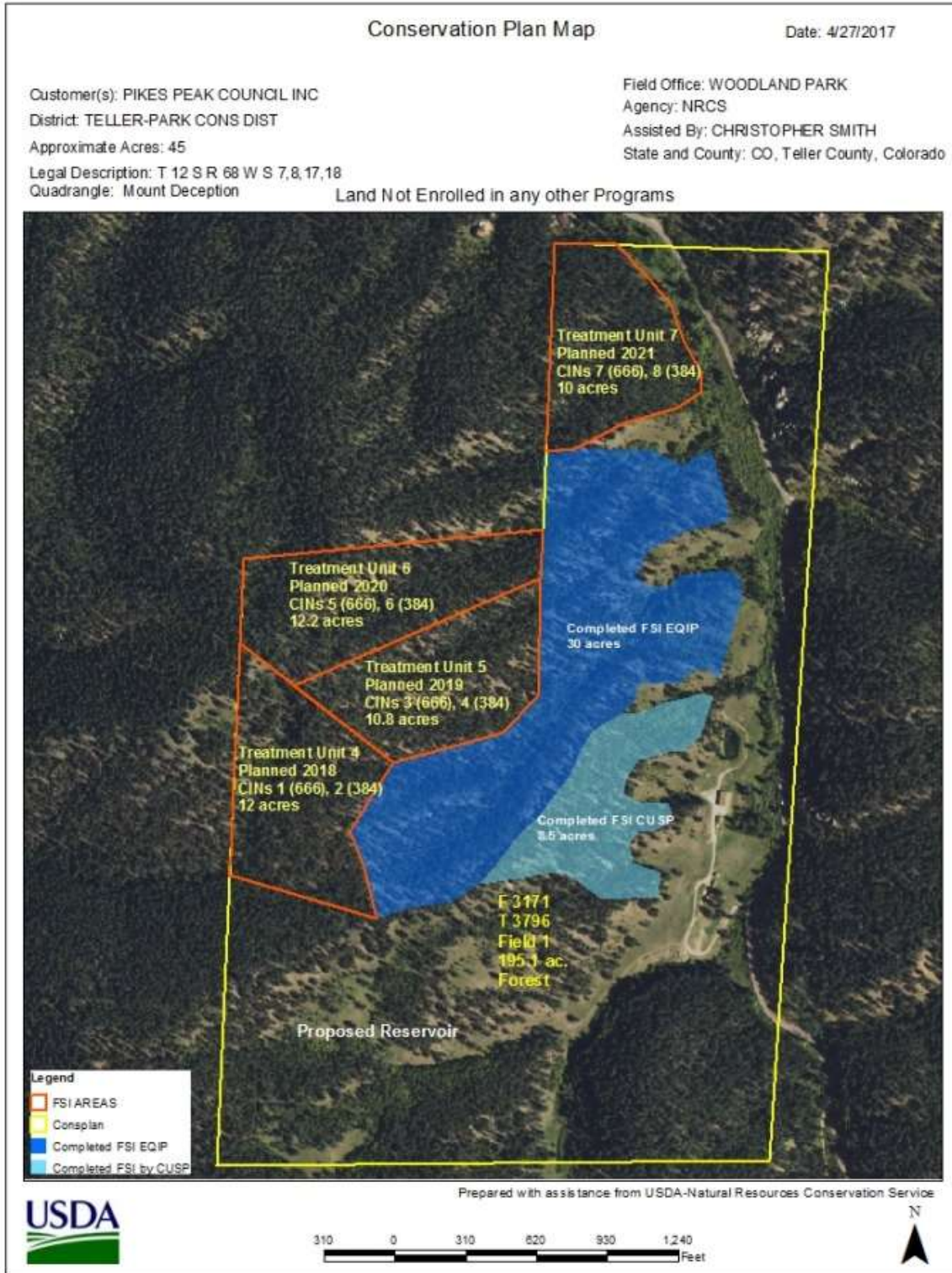
spaced trees of similar age. Instead, the end result should have heterogeneous groups of trees.

Appendix 3

Indemnification Statement

CONTRACTOR agrees to protect, defend, indemnify and hold harmless the CUSP, its divisions, boards, Boy Scouts of America,, 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



Map of treatment areas in Glen Aspen Ranch

