

SECTION B -- SCHEDULE OF ITEMS

ITEM	DESCRIPTION	UNIT OF MEASURE	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
1	Unit 1	Acres	9	\$ 695.00	\$6,255.00
2	Unit 2	Acres	3	\$ 695.00	\$2,085.00
3	Unit 3	Acres	22	\$695.00	\$15,290.00
4	Unit 4	Acres	26	\$ 695.00	\$18,070.00
5	Unit 5	Acres	42	\$695.00	\$29,190.00
6	Unit 6	Acres	12	\$695.00	\$8,340.00
7	Unit 7	Acres	1	\$ 695.00	\$ 695.00
8	Unit 8	Acres	2	\$695.00	\$1,390.00
9	Unit 9A	Acres	57	\$575.00	\$32,775.00
10	Unit 9B	Acres	15	\$575.00	\$8,625.00
11	Unit 9E	Acres	8	\$695.00	\$5,560.00
12	Unit 9P	Acres	3	\$ 695.00	\$ 2,085.00
13	Unit 9S	Acres	4	\$ 695.00	\$ 2,780.00
14	Unit 9W	Acres	8	\$ 695.00	\$ 5,560.00
15	Unit 10F	Acres	15	\$ 465.00	\$ 6,975.00
16	Unit 10G	Acres	3	\$ 465.00	\$ 1,395.00

**SECTION C – DESCRIPTION/SPECIFICATIONS**

**C.1 GENERAL REQUIREMENTS**

**C.1.1 Background**

The purpose of the Matoons Fuels Reduction contract is to reduce hazardous fuels on Forest Service lands and to have an immediate effect on fire behavior.

**C.1.2 Scope**

This project consists of cutting trees as well as slash treatment of such trees via hand piling and/or lop & scatter on the Arapaho and Roosevelt National Forest and Pawnee National Grassland Boulder Ranger District. The intent of the contract is to reduce hazardous fuels on National Forest lands adjacent to private property. Unless otherwise provided, the Contractor shall furnish all labor, materials, equipment, tools, transportation and supplies to include mobilization, to cut all designated trees and arrange slash as specified. Performance of all work required to complete the project shall be in reasonably close conformity with specifications and in accordance with provisions of the contract.

**C.1.3 Location and Description**

**C.1.3.1 Location:** The Project is located on Boulder Ranger District of the Arapaho Roosevelt National Forest. Project area maps showing the locations of project and treatment units are attached to this contract. The legal location is Township 2 North, Range 72 West, Sections 10, 11, 12, 14, and 15; Township 2 North, Range 72 West, Sections 15, 16, and 22; Township 3 North, Range 73 West, Sections 11 and 14; 6<sup>th</sup> PM Boulder County, Colorado. All units in the project area can be accessed from either county or Forest Service roads. These roads are in good shape and are maintained by the county and Forest Service.

**C.1.3.2 Description:** There are 23 units in the project area. Trees designated for cutting in the treatment areas are unit specific. Acreage was determined by a handheld Trimble GPS unit and differentially corrected with GPS Pathfinder software.

<b>CU #</b>	<b>Description</b>	<b>Acres</b>	<b>Average Slope</b>
1	CUT designated trees, HAND PILE slash.	9	27%
2	CUT designated trees, HAND PILE slash.	3	23%
3	CUT designated trees, HAND PILE slash.	22	15%
4	CUT designated trees, HAND PILE slash.	26	6%
5	CUT designated trees, HAND PILE slash.	42	8%
6	CUT designated trees, HAND PILE slash.	12	28%
7	CUT designated trees, HAND PILE slash.	1	35%

Aspen, trees with metal wildlife signs, witness or corner trees, and trees with orange paint are not to be cut (unless approved by COR).

### **C.2.3 Individual Unit Cutting Requirement**

#### **A. Matrix Thinning (Vegetation Treatment)/Units 1-2-3-4-5-6-7-8: Selection Criteria**

1. Cut all trees marked with **BLUE** paint.
2. Do **NOT** cut ponderosa pine and Douglas-fir greater than or equal to 14" DBH.
3. Cut all Douglas-fir trees from 2' tall to 13.9" DBH.
4. Cut all lodgepole pine trees greater than 2' in height.
5. Cut all live and dead conifers greater than 1 ft. in height to 5" DBH that are located directly beneath and within 5 ft. of the canopy dripline of reserve trees. Trees less than 5" DBH not located within 5 ft. of the canopy dripline are considered reserve trees and shall not be cut.
6. Do not cut aspen. In aspen clones, where the number of aspen trees with diameters > 2" DBH are greater than the number of conifers within the clone perimeter, cut all live conifers < 14" DBH. From the edge of the aspen clone perimeter, cut all conifers (except ponderosa pine and limber pine) up to 50'.
7. Cut all dead conifers <10" DBH.
8. When present, cut Rocky Mountain Juniper, leaving only one per acre. When selecting which Rocky Mountain Juniper to leave, select the largest and the healthiest.
9. In units 5 and 6, do not cut trees marked in orange paint around the bole of the tree.

#### **B. Matrix Tree Thinning (Vegetation Treatment)/Units 9A-9B: Selection Criteria**

1. Cut all trees marked with **BLUE** paint.
2. Cut all lodgepole pine trees greater than 2 ft. in height except for the retention pockets flagged in orange and black striped flagging.
3. Cut all conifers greater than 2 ft. in height to 5" DBH that are located directly beneath and within 5 ft. of the canopy dripline of reserve trees. Trees less than 5" DBH not located within 5 ft. of the canopy dripline are considered reserve trees and shall not be cut.
4. Do not cut aspen. In aspen clones, where the number of aspen trees with diameters > 2" DBH are greater than the number of conifers within the clone perimeter, cut all live conifers. From the edge of the aspen clone perimeter, cut all conifers (except ponderosa pine and limber pine) < 12" DBH up to 50' from the perimeter. When cutting conifers, fell trees away from aspen where possible to avoid damaging aspen trees.
5. Cut all snags <8" DBH; only cut snags ≥8" DBH if they pose a hazard while felling other specified trees.

#### **C. TSI (Vegetation Treatment)/Units 9E-9S-9W: Selection Criteria**

1. Cut all trees marked with **BLUE** paint.
2. Cut all live and dead lodgepole pine less than 5" DBH to an average spacing of 18 ft. x 18 ft. Spacing may be varied by 50% to select the healthiest tree possible.

## C.2.4 Individual Unit Slash Requirements:

### A. Slash Treatments

#### CUs 1-2-3-4-5-6-7-8-9A-9B-9E-9P-9W-9S-12B-12D-12O-- Slash Treatment- Hand Pile:

All piles shall be constructed as compactly as possible, with heavier material on top.

All created slash greater than 1" in diameter and less than 8" in diameter and greater than 2' in length shall be piled. All existing slash greater than 1" in diameter and less than 6" in diameter shall be piled. Slash less than 1" in diameter and less than 2' in length shall be left on the ground. Slash left on the ground shall not exceed 12" in depth. Buck boles >8" diameter to a maximum of 4' in length in units 12B-12D-12O.

All piles shall be constructed by laying limbs, cut boles, and other slash in the pile so as to be conical in shape, or as specified in the contract. All ends that stick out more than 2' must be bucked off and piled. Larger material in piles shall be placed perpendicular to slope so it cannot roll downhill when burned.

Slash that causes large air spaces in piles shall be cut to eliminate air spaces. Each pile shall include an area of small sized slash (small branches less than ¼ to ½ inch in diameter and/or small branches with needles or leaves attached) to provide "kindling" for prompt ignition and to aid in combustion of larger slash. These fuels shall be placed in the center of the pile. All piles shall be compact to facilitate burning.

Unless approved by the COR, maximum pile size shall be 12' in diameter by 10' in height, and minimum pile size shall be 8' diameter by 8' in height at the time of final inspection.

Piles shall be located at least 10' from residual trees (where applicable), at least 15' from other piles (where applicable), and at least 35' from any private property (where applicable) for this contract. Piles shall be located at least 50' from perennial streams and any water influence zone as agreed to. No piling within 100' of overhead power/utility lines, poles and guy wires for this contract. Slash may be moved up to 100' in order to make adequate size piles meeting the contract specifications for this contract. In some cases, the COR may determine that it is beneficial to place piles or slash in old roads that have been closed. Piles shall not be constructed in ditches or drains. Piles shall not be constructed any closer than 20' from established roads, trails, ditches, and drains (when applicable). Piles shall not be constructed within 35' from fences. Piles shall not be constructed on top of downed logs, stumps, rocks, or snags. Piles shall not be constructed within aspen clones unless approved by COR.

#### CUs 10E-10G-10H-10I-10J-10L-- Slash Treatment- Lop and Scatter:

All thinning slash shall be less than 12 inches in height, placing it on or near the ground surface, and not covering more than 25% of the surface area per acre. Slash that is lopped and scattered would be distributed to avoid continuous ground coverage. The desired pattern is patchy, mosaic, and discontinuous. Cut material shall not lean against an uncut tree, log or any obstacle. It shall be secure and not able to roll down the hill. Scattered slash shall be moved to a distance of at least 35 feet from private property and 20 feet from improvements. When lop and scatter exceeds 25% of the surface area, contractor shall create hand piles.

## C.3 RESOURCES PROTECTION STANDARDS

### C.3.1 Stream Course Protection

"Stream courses" that are subject to provisions of this Section are shown on Contract Area Map. Unless otherwise agreed, the following measures shall be observed to protect stream courses:

### **C.3.6 Protection of Land Survey Monuments**

Forest Service shall appropriately designate on the ground all known survey monuments including but not limited to horizontal control stations (Triangulation Stations), vertical control stations (Bench Marks), property corner monuments, and all Public Land Survey System monuments. This shall include reference monuments, corner accessories such as bearing trees, line trees and line posts. Identifying signs shall be posted by Forest Service on two sides of each known bearing tree, and each line post shall be posted with a metal sign or decal. Line trees may be cut if designated by the Government.

In authorized clearings where damage to survey monuments, corners, corner accessories and survey of property line markers is unavoidable, Forest Service shall arrange protective or perpetuate action which does not cause unnecessary delay to Contractor.

Contractor shall protect all known survey monuments, witness corners, reference monuments, bearing trees and line markers against avoidable destruction, obliteration or damage during Contractor's operations. Additional monuments or objects discovered on the area shall be promptly reported to the other party and shall also be protected. If any known monuments, corners, corner accessories, and survey or property line markers are destroyed, obliterated or damaged during Contractor's operations, Contractor shall employ a registered professional land surveyor to reestablish or restore at the same location the monuments, corners, corner accessories or line markers. Such surveyors shall use procedures and monumentation that accords with the Bureau of Land Management Manual of Instructions for the Survey of the Public Lands of the United States for General Land Office surveys and any applicable State statutes concerned with land surveys. Contractor's agent shall record such surveys in accordance with state survey statutes.

*All features are designated on the Contract Area Map.*

### **C.4 OPERATIONS**

- 1) A Notice to Proceed will be issued with an effective date prior to the commencement of operations. The conditions of this contract include measures needed to assure protection of the environment and watershed. All operations shall be done in accordance with this contract. Tracked or wheeled type equipment will not be permitted to operate outside of the designated unit boundary or maintained NFS system road.
- 2) Operations on this contract must be completed within 45 contract days.
- 3) No littering is allowed and the contractor shall be responsible for hauling all trash accumulated out of the area. To the extent possible, food and trash shall be stored inside locked vehicles.
- 4) The Contractor will provide for public safety during all phases of operations. The Technical Proposal shall describe the Contractor's mitigation measures to reduce the hazards associated with his operations, and his plan and methods of informing neighbors, visiting public, and passing travelers of on-going operations and hazards.
- 5) No contract work may occur within ¼ mile of any known or discovered raptor nests while the site is active. The length of period extends from March 1 to September 30 unless otherwise specified by wildlife biologist.

## SECTION E – INSPECTION AND ACCEPTANCE

### 52.246-4 Inspection of Services. (AUG 1996)

- a) Definition. "Services," as used in this clause, includes services performed, workmanship, and material furnished or utilized in the performance of services.
- (b) The Contractor shall provide and maintain an inspection system acceptable to the Government covering the services under this contract. Complete records of all inspection work performed by the Contractor shall be maintained and made available to the Government during contract performance and for as long afterwards as the contract requires.
- (c) The Government has the right to inspect and test all services called for by the contract, to the extent practicable at all times and places during the term of the contract. The Government shall perform inspections and tests in a manner that will not unduly delay the work.
- (d) If the Government performs inspections or tests on the premises of the Contractor or a subcontractor, the Contractor shall furnish, and shall require subcontractors to furnish, at no increase in contract price, all reasonable facilities and assistance for the safe and convenient performance of these duties.
- (e) If any of the services do not conform with contract requirements, the Government may require the Contractor to perform the services again in conformity with contract requirements, at no increase in contract amount. When the defects in services cannot be corrected by reperformance, the Government may—
- (1) Require the Contractor to take necessary action to ensure that future performance conforms to contract requirements; and
  - (2) Reduce the contract price to reflect the reduced value of the services performed.
- (f) If the Contractor fails to promptly perform the services again or to take the necessary action to ensure future performance in conformity with contract requirements, the Government may—
- (1) By contract or otherwise, perform the services and charge to the Contractor any cost incurred by the Government that is directly related to the performance of such service; or
  - (2) Terminate the contract for default.

(End of clause)

**E.1 QUALITY CONTROL PLAN** – The Contractor shall conduct inspections on all units in accordance with his/her Quality Control Plan (QCP). The Contractor's Quality Control Plan shall be submitted and accepted by the Government prior to any work starting.

### **E.2 GOVERNMENT INSPECTIONS**

Government inspections are for the purpose of satisfying the Government that the services are acceptable and do not relieve the Contractor of the responsibility for maintaining quality control.

The Contracting Officer's Representative or designated Inspector will conduct all inspections. The Contractor (or designated representative) is encouraged to be present to observe inspections. Summary results will be made available on request.

*Compliance Inspections.* Visual compliance inspections will be made on a periodic basis. Such inspections are not final and do not constitute acceptance by the Government.

*Final Inspections.* Final (formal) inspections for payment will be made on completed sub-items only. Contractor shall

## SECTION F – DELIVERIES OR PERFORMANCE

### **52.211-10 Commencement, Prosecution, and Completion of Work. (APR 1984)**

The Contractor shall be required to (a) commence work under this contract within *45 calendar days* after the date the Contractor receives the notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than *date stated at the end of the performance period*. The time stated for completion shall include final cleanup of the premises.

### **52.242-14 Suspension of Work. (APR 1984)**

### **452.211-74 Period of Performance. (FEB 1988)**

The period of performance of this contract is 15 April 2017 or Award date through 31 October 2017.

### **452.211-75 Effective Period of the Contract. (FEB 1988)**

The effective period of this contract is **45 days from the effective date of the Notice to Proceed.**

### **F.1 Work Timing**

Contractor shall provide advanced notice to Contracting Officer's Representative at least *7 calendar days* before Contractor's operations are scheduled to begin. Failure to do so will result in a delayed start time for Contractor's operations.

Failure to begin work on schedule will make the contract subject to immediate termination for default.

Delays due to normal adverse weather, weekends, and holidays have been included in the calculation of contract time. The Government reserves the right to set the priority of items or sub items. Contractor shall complete all work on one sub item before proceeding to another.

## SECTION G – CONTRACT ADMINISTRATION DATA

### **G.1 INVOICES & PAYMENTS**

#### **G.1.1. All invoices are to be submitted via the electronic Invoice Processing Platform (IPP) System.**

The "Submit Invoice-to" address for USDA orders is the Department of Treasury's Invoice Processing Platform (IPP). The contractor must follow the instructions on how to register and submit invoices via IPP as prescribed in previous communications from USDA and Treasury.

This is a mandatory requirement initiated by the U.S. Department of Treasury and you can find more information at this website <https://www.ipp.gov/index.htm>. Ensure your company has registered at <https://www.ipp.gov/vendors/enrollment-vendors.htm> to establish your account. Offeror **must have an established account prior to commencement of work.**

Invoice Processing Platform (IPP) does not allow for the contractor to change the description of the line items being invoiced against and therefore an itemized invoice must be uploaded as an attachment(s) or email to the COR for review prior to IPP invoice approval for payment. If the itemized invoice has not been reviewed and approved by the COR, the IPP payment request will be rejected. Please follow the minimum requirements to ensure a successful payment process.

#### **IPP Invoice shall have the following areas completed at a minimum:**

Invoice Number  
Invoice Date  
Bill Period Start Date  
Bill Period End Date  
Supplier Contact Name  
Supplier Contact Phone  
Contract Number

#### **Itemized invoice shall include at a minimum:**

Contractor Name & Address  
Contract number  
Invoice Number  
Description of Services or work completed.  
Date of services or completion.

#### **G.1.2. Payments and Deductions.**

Payment will be made for fully acceptable work at the prices bid in the schedule of items. In the event of extended non-work periods because of adverse weather, the Contracting Officer may authorize progress payments for partially completed sub-items on a case-by-case basis. In accordance with the inspection clause, payment may be made for less than fully acceptable work at a reduced price. Other exceptions are noted below:

Payment will be made in full if inspection results are 90 percent or higher. If inspection results are below 90 percent, payment will not be made until the quality of work is 90 percent or greater.

Payments will be made and processed as follows:

1. When cutting and slash activities are completed and accepted by the Contracting Officer on an entire treatment area; payment may be made at 100% of the bid rate for the acreage completed.
2. No more than one payment will be processed in any one month. No payments will be processed for less than \$5,000.00 (unless it is a final payment).

Progress payments can be discussed at the pre-work meeting.

## SECTION H – SPECIAL CONTRACT REQUIREMENTS

### 452.237-74 Key Personnel. (FEB 1988)

(a) The Contractor shall assign to this contract the following key personnel: *Project Manager and Field Supervisor*.

(b) During the first ninety (90) days of performance, the Contractor shall make no substitutions of key personnel unless the substitution is necessitated by illness, death, or termination of employment. The Contractor shall notify the Contracting Officer within 15 calendar days after the occurrence of any of these events and provide the information required by paragraph (c) below. After the initial 90-day period, the Contractor shall submit the information required by paragraph (c) to the Contracting Officer at least 15 days prior to making any permanent substitutions.

(c) The Contractor shall provide a detailed explanation of the circumstances necessitating the proposed substitutions, complete resumes for the proposed substitutes, and any additional information requested by the Contracting Officer. Proposed substitutes should have comparable qualifications to those of the persons being replaced. The Contracting Officer will notify the Contractor within 15 calendar days after receipt of all required information of the decision on substitutions. The contract will be modified to reflect any approved changes of key personnel.

### 4G52.222-704 Personal Protective Equipment

The contractor shall train workers in the safe operation and use of equipment that the worker may use before the worker begins using such equipment.

Personal protective equipment, including personal protective equipment for eyes, face, head, and extremities shall be provided, used, and maintained in a sanitary and reliable condition wherever it is necessary by reason of hazards or processes encountered which may cause injury or impairment in the function of any part of the body. Defective or damaged personal protective equipment shall not be used.

The contractor shall provide chain saw chaps to each employee who operates a chain saw, at no cost to the employee. These chaps must be approved by an Underwriters Laboratory or meet Forest Service specification 6170-47. The chaps shall cover the full length of the thigh and shall extend to the top of the boot on each leg. The contractor shall assure that each employee wears foot protection that provides adequate traction and ankle support. Employees operating chain saws shall wear foot protection that is constructed with cut-resistant material which will protect the employee against contact with a running chain saw.

In any area where the worker is exposed to the potential for flying or falling objects, the contractor shall provide a hard hat, at no cost to the employee, and the contractor shall assure that the employee wears the hard hat. The hard hat must meet the minimum requirements of American National Standards Institute (ANSI) standard Z89.1-1997.

The contractor shall provide, at no cost to the employee, eye protection where there is potential for eye injury due to flying objects. This eye protection must meet the minimum requirements of ANSI standard Z87.1-2003. The contractor shall provide, at no cost to the employee, hearing protection where there is a potential for hearing loss due to high intensity noise for example, chain saw operation.

### H.I AGAR Advisory Number 96 Contractor Performance Information and Contractor Performance Assessment Reporting System (CPARS)

Contractor Performance Information and Contractor Performance Assessment Reporting System (CPARS) will be used by the Forest Service for evaluating contractor performance. CPARS is the single USDA-wide system used to collect, maintain, and disseminate contractor performance evaluations to the Past Performance Information Retrieval System (PPIRS). Past performance reporting is required by FAR 42.1502 and 42.1503. The contractor will be notified by email to review evaluation information submitted by the Agency. The contractor will have **30 days** to submit comments, rebutting statements, or additional information to the Assessing Official before any evaluation is considered final.

**SECTION J – LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS**

<b>Attachment Number</b>	<b>Attachment Title</b>	<b>Date</b>	<b>Number of Pages</b>
J.1	Maps (Updated 02/15/2017)	09/07/2016	3
J.2	Fire Control Plan	02/17/2016	5
J.3	WD 76-1351 v47	01052016	3