

**SRSP Midway Stewardship
Project 001**

**DIVISION 100
GENERAL SPECIFICATIONS FOR SITE PREPARATION**

100 - SCOPE OF CONTRACT

The objective of this contract is to have 128 acres of site preparation (felling work using approved equipment such as chainsaws, brush cutters or other hand tools) and any resulting required slash disposal work accomplished on the Bradford Ranger District, Allegheny National Forest. The contractor shall furnish tools, labor, and equipment, unless otherwise provided herein.

110- LOCATION

The work area is located on the Allegheny National Forest, Bradford Ranger District. Refer to the Contract Area map for exact locations.

Unit	Acres	General Location (Warrant/Lot/Twnshp/Co)	Rd Access	Map Page
403044	11	Warrant 3719, Corydon Twp., McKean Co.	FR174A	Sheet 6
426012	38	Warrant 4874, Corydon Twp., McKean Co.	FR173HA	Sheet 6
232019	16	Lot 561&584, Mead Twp., Warren Co.	FR533	Sheet 4
344009	32	Warrant 5217, Kingsley Twp., Forest Co.	FR449	Sheet 2
345004	21	Warrant 5217, Kingsley Twp., Forest Co.	FR449	Sheet 2
268031	10	Lot 331, Sheffield Twp., Warren Co.	FR258E	Sheet 5

111- IDENTIFICATION OF PROJECT

Unit boundaries are marked by existing painted two or three stripe. In some cases if the paint is no longer visible, “orange or pink” ribbon/flagging marks the boundary, unless the unit is fenced in which the fence will be the boundary and protected areas will be flagged on the interior of the fence.

Units will be identified by pink cards with Project # & Unit identified, see example below. **All cards will be read, ensured they are at the correct location and initialed by the Contractor or Contractor’s Representative prior to starting work in the unit.** This is to ensure that contractor is at correct unit. Contractor must be able to read the English language to be able to complete the act appropriately.

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Example of pink project identification card in which contractors must sign to acknowledge they are at correct unit prior to start of project work:



120 – ACCESS

Units may be reached by public road system & Forest Roads that are accessible by standard pickup during the normal working season. The Contractor is responsible for any damage caused by their operations. Some units may be on a gated road and require signing out a key with the Contracting Officer's Representative (COR).

130 – SAFETY

It is the contractor's responsibility to ensure that the work environment is safe for themselves as well as their employees. If the contractor feels that a requirement of this contract would place them or their employees in an unsafe environment, then work should stop on that area of work and the contractor should contact the COR immediately. Work on other areas of the contract that the contractor does not view as unsafe should continue.

The contractor is required to follow all applicable OSHA standards while working on the job site. In addition, the successful contractor and employees are required to wear and use the following personal protective safety equipment/clothing to include a hardhat, leg and foot protection, ear protection, eye protection and hand protection while working the unit.

140 – NOTIFICATION

The Contractor is required to keep the COR currently informed of their work schedule and physical location of their work force to permit ready location and timely inspection of accomplished work. The contractor shall also notify the contracting officer at least weekly of the progress being attained on this project. This notification can be either e-mail, oral or written.

DIVISION 200 - TECHNICAL SPECIFICATIONS

200 – SPECIES REQUIRING TREATMENT

201- Desirable Species: The following Desirable Species are to be protected in units **403044, 426012, 232019, 344009, and 345004**: Red oak, white oak and other oak, yellow poplar, cucumber

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tree, white ash, red maple, sugar maple, black cherry, basswood, all hickory species, butternut, American chestnut, black walnut, red pine, white pine, and hemlock. Care shall be taken to not damage or cut Desirable Species.

202- Vegetation to be cut (Units 403044, 426012, 232019, 344009, and 345004):

- 1) Striped Maple: All live Striped Maple of any diameter which is taller than 1 foot in height shall be felled and completely severed from the stump.
- 2) Beech: All live beech taller than 1 foot in height and less than **6.0 inches** in diameter at a point 4.5 feet (breast height) above the ground shall be felled and completely severed from the stump.
- 3) Pin (Fire) Cherry: All live Pin Cherry of any diameter which is taller than 1 foot in height shall be felled and completely severed from the stump.
- 4) Birch: All live birch taller than 1 foot in height and less than **6.0 inches** in diameter at a point 4.5 feet (breast height) above the ground shall be felled and completely severed from the stump.

202- Vegetation to be cut (Unit 268031):

- 1) **ALL TREE SPECIES** taller than 1 foot and less than **10.0 inches** in diameter at a point 4.5 feet (breast height) above the ground shall be felled and completely severed from the stump. This cutting shall occur within the dormant season from 12/01 to 03/31.

210 - STUMP HEIGHTS

Stump heights shall be a maximum of 6 inches, unless designated in writing by the COR. Stump sprouts (multiple stems) will be cut as close to the ground as possible. Stumps will be cut in a manner which results in a flat (parallel with the ground) surface. **Angular stump cuts will not be allowed.**

220 - BOUNDARY TREES

Boundary trees shall not be felled unless specified by the COR. Unit boundary trees are usually marked with a white or orange painted 3 stripe on the trees. Flagging will also be utilized to indicate the boundary of the unit. The color of flagging will be designated by the COR. Trees attached to fences are not to be felled.

230 – SPECIAL REQUIREMENTS

231 - Other trees marked with marking paint, unit boundary flagging, enclosed in tree shelters, or attached to fencing shall not be felled unless otherwise indicated by the COR.

232- Only live trees will be cut; all snags encountered will be retained unless they are a hazard to contractor safety.

233 - Lodged (hung up trees) shall be pulled or cut down to meet slash disposal requirements as discussed in section 240 & 241.

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240 - SLASH DISPOSAL

All units will be treated without lopping. Felled slash shall be removed 15 feet from private land. Felled slash shall be removed from pipelines, power lines, well openings, ditch lines, maintenance trails, fence maintenance trails, fences, stream courses, seep, forest roads, oil/gas roads and historic railroad grades unless otherwise approved by the COR.

Slash shall be placed on or near the ground surface, so that it will not lean against or be suspended by an uncut tree or deer fencing. Do not pile cut trees or brush on top of desirable trees.

All preferred species trees will be released from all slash so they are standing straight up on their own.

241 – Specific Slash disposal Measures

- 1) For Units 344009 and 245004: Felled slash shall be pulled back 50 feet from the ditch line of designated snowmobile trails (FR 449 and FR 449C), and shall be lopped and scattered to lie within 3 feet of the ground for an additional 50 feet.**

250 - PROTECTION, USE, AND MAINTENANCE OF IMPROVEMENTS

Cut trees shall be felled away from pipelines, oil, gas and mineral development, wells, power lines, trails, fences, survey monuments, roads, streams, and any other improvements designated by the COR. If such improvements are damaged by Contractor's Operations, Contractor shall restore them to conditions existing prior to damage.

270 – PROTECTED AREAS

Protected Areas are areas within the units that are uncut. These areas are generally designated with three-striped green or white paint around the boundary. No trees shall be cut within these Protected Areas unless otherwise indicated on the task order. If a Protected Area is designated to be cut, then only birch and striped maple are to be felled and severed completely from the stump in those areas.

290 - PROGRESSION OF WORK

A contractor will only work on one unit at a time, unless they have two complete crews, then they can work on a second unit after informing the COR. Work has to be completed before leaving each unit and going to the next unit. COR may identify higher priority units where the work needs to be completed first to meet Forest Service objectives. **Progression of work shall be completed as specified below, unless changed by written agreement:**

- 1) Units 403044 and 426012 shall be cut between 7/01 and 9/30, and completed by 09/30/2015.**
- 2) Unit 268031 shall be completed by 03/31/2016 and not started before 12/01/2015.**

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- 3) Units 232019, 344009, and 345004 shall be completed by **09/30/2016** and not started before **07/01/2016**.

SECTION E--INSPECTION AND ACCEPTANCE

INSPECTION OF SERVICES - FIXED PRICE 52.246-4 (AUG 1996)

- (a) Definitions. "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 the contract performance and for as long afterwards as the contract requests.
- (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 this 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, without additional charge, all reasonable facilities and assistance for the safe and convenient performance of these duties.
- (e) If any of these services do not conform to 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 defects in services cannot be corrected by re-performance, 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 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) Government that is directly related to the performance of such service or
 - (2) Terminate the contract for default.
- QUALITY ASSURANCE PLAN

Areas to be Inspected

In accordance with the Inspection Clause the Government is able to inspect any work the Contractor performs, and the Contractor shall be required to rework any areas that are not in conformance to the requirements of this contract. All work must meet the acceptance standards.

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The Government will conduct compliance inspections on acres the Contractor has reported as completed to specifications. Plots to check compliance will be randomly placed in the areas to be inspected by the Government inspector.

Inspection Procedures

The COR/Inspector will inspect each of the units, in accordance with specification Division 200.

Definitions

Desirables: Tree species that shall not be felled as described in Sections 201-Desireable Species, 220-Boundary Trees, and 231-Other Marked Trees.

Undesirables: tree species as indicated in specifications section 202-Vegetation to be Cut, as well as stumps indicated in specification section 210-Stump Heights.

Inspection Criteria

A designated COR/Inspector will walk the units upon completion to check for contract compliance. If there is doubt by the inspector that the technical specifications outlined in Section 200 were not followed correctly, or the desired results were not achieved, the inspector shall conduct a 1/10th acre plot inventory of the unit. A 5% sample of the unit will be conducted and each plot area will be examined to record findings on the following items:

- 1) Total number of Desirable trees that should remain.
- 2) Number of Desirable trees that were cut.
- 3) Number of Undesirable trees remaining.
- 4) Total percentage of Desirable trees cut.

Total Quality Percentage and Total Percentage of Desirables Cut shall be calculated for the sub-item as follows:

- 1) Quality Percentage Calculation:

$$1.00 - \frac{((\# \text{ of cut desirables}) + (\# \text{ of remaining undesirables}))}{(\text{Total } \# \text{ of desirable trees that should remain})} \times 100 = \text{Quality } \%$$

- 2) Total % of Desirables Cut:

$$\frac{(\text{Total } \# \text{ of cut desirables})}{(\text{Tot. } \# \text{ desirables to remain})} = \% \text{ of Desirables Cut}$$

Overall Inspection Calculation

The minimum acceptable Quality Inspection percentage is 80% per unit. If any individual unit inspection yields below 80%, the contractor will be expected to correct the actions in a timely manner before acceptance of the unit is received.