

PROJECT #011

WILDLIFE TREATMENTS –HEMLOCK RUN STEWARDSHIP RE-AD

WILDLIFE OPENING RELEASE - MECHANICAL

SECTION B – SUPPLIES OR SERVICES AND PRICES/COSTS

SCHEDULE OF ITEMS

Item Number	Description	Quantity Acres	Total Price
257-35	Autumn Olive Group	1	
451-28	Woody Stem Encroachment	0.5	
458-38	Release Edges, In and Around Apple Trees, Barberry	1	
487-23	Woody Stem Encroachment	3	
494-48	Release Edges, Barberry	1	
		Item Total:	

Bidders Notes:

1. Show-me Trip – A field trip to representative sites will be conducted, date to be determined
2. Multiple project activities may occur in each site. See the attached, Hemlock Run Stewardship Re-Ad Summary Document – Wildlife and NNIPS, for a list of activities by site.

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SECTION C – DESCRIPTION / SPECIFICATION / WORK STATEMENT

DIVISION 100 - GENERAL SPECIFICATIONS

100. Scope of Contract

1. It is the intent of this contract to mechanically remove approximately 6.5 acres areas of invading woody vegetation, such as sapling size birch, pin cherry, etc. and invasive plants, such as autumn olive and barberry, from within and along the edges of wildlife openings.
2. Release treatments will occur outside the nesting season of April 1 – June 30.
3. The Contractor shall furnish all labor, equipment, supervision, transportation, supplies (except those designated as Government-furnished) and incidentals, to perform all work necessary to complete this contract.

See Contract Area Map(s).

110. Location and Description

All sites are located on the Bradford Ranger District of the Allegheny National Forest.

Item 257-35

This stand is a wildlife opening located along FR 114. Two sections of autumn olive, approximately one acre total, are found along the west side of the road. The autumn olive shall be masticated prior to herbicide treatment. Current density and height of shrubs preclude adequate herbicide penetration. Masticate with brushcutting equipment and do stump and/or resprout treatment.

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This wildlife opening has been plowed and seeded, though the terrain is uneven. Access through the opening can be by pick-up truck.

Item 451-28

This stand is a wildlife opening located off of FR 267A. An approximately 0.5 acre area of invading sapling size trees, such as birch and pin cherry, shall be masticated back to the mature tree line.

Access to the opening is by ATV.

Item 458-38

This stand is a wildlife opening located off of FR 142. Sapling size trees, such as birch and pin cherry, are encroaching along the edges of the opening, and shall be masticated back to the mature tree line. Barberry is also located along the perimeter and within the opening and shall be masticated prior to herbicide treatment. Current density and height of shrubs preclude adequate herbicide penetration. Masticate with brushcutting equipment and do stump and/or resprout treatment.

Access to the opening is by ATV.

Item 487-23

This stand is a wildlife opening located off of FR 259. An approximately 3 acre area of invading sapling size trees, such as birch and pin cherry, shall be masticated back to the mature tree line.

Access is by pick-up truck, via a woods roads

Item 498-48

This stand is a wildlife opening located off of FR 110A. Sapling size trees, such as birch and pin cherry, are encroaching along the edges of the opening, and shall be masticated back to the mature tree line. Barberry is also located along the perimeter and within the opening and shall be masticated prior to herbicide treatment. Current density and height of shrubs preclude adequate herbicide penetration. Masticate with brushcutting equipment and do stump and/or resprout treatment.

Access is by pick-up truck.

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120. Meetings

The successful vendor will be contacted prior to individual projects to discuss details of work, location, priorities, etc. The Contracting Officer (CO) and Contracting Officer Representative (COR) are authorized to give verbal orders to the contractor authorizing work to be accomplished.

130. Notification

The Contractor is required to keep the CO/COR or designated Inspector 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 CO at least monthly of the progress being attained on this project. This notification can be either oral or written.

140. 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 CO/COR immediately. Work on other areas of the contract that the Contractor does not view as unsafe should continue.

Contractor is required to follow all applicable OSHA standards (CFR 29), while working on the job site. In addition, it is recommended the successful contractor utilize appropriate personal protective safety equipment, which includes, but is not limited to, hard hats, ear protection, eye protection, and hand protection while working on project items. Contractor must keep the Government representative posted as to current site work, and must be especially alert to vehicular traffic during field operations.

All sites occur within active oil and gas leases.

The contractor shall report all accidents or incidents associated with this contract to the Forest Service representative within 24 hours.

150. Maintenance for Traffic

Existing roads shall be kept open to all traffic by the contractor while work is progressing. Appropriate warning signs to the public will be displayed.

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160. Vehicle Operation

All-Terrain Vehicles (ATV) may be operated to travel to the work sites. ATV's may not be driven on roads open to the public. The operator is subject to fines if found using ATV's in manners other than for the purpose of transporting equipment and operator to the sites. If at any time Forest Service inspections indicate that soil damage is occurring due to the use of ATV's, such use will be suspended and the damage repaired by the contractor.

In addition, it is recommended that the Contractor utilize appropriate personal protective safety equipment/clothing, which may include, but is not limited to, a hard hat, leg protection, eye protection, ear protection, and hand protection, and a DOT approved ATV helmet (if using ATV's or UTV's) while working on this contract. State ATV/OHV permit requirements also apply.

The Forest Service may, during the administration of this contract, direct the Contractor to temporarily halt treatment when: vehicles and/or equipment is causing excessive soil damage such as rutting/soil erosion on roads and/or other work areas until ground condition improve.

170. Access

Sites may be reached by Forest Roads that are accessible by standard pickup truck during the normal working season or by ATV.

The Government assumes no obligation to plow snow or do special maintenance to keep roads open. An actual visit to the sites prior to bidding is encouraged to view the access to the project areas. The Contractor is responsible for any damage caused by their operations. Some project areas may be on a gated road. A Forest Service key will be provided as necessary to the successful bidder for access.

180. Progression of Work

181. The Contractor is required to inform the COR or Contract Inspector of where and when work will commence.

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182. To avoid damaging sensitive or valuable resources the Contractor is required to halt operations and contact the COR or Contract Inspector and have the issue resolved on site if: the site appears inconsistent with instructions or maps, boundaries are questionable, requirements or restrictions are unreasonable, unreported water courses or wetlands are found on site, or should soils become too wet or rocky to complete the site safely and without damaging the resource(s).

190. Amount of Work

The densities of trees/invasive plants on project areas vary to a large degree from site to site. Only by on-the-ground examination can prospective Contractors determine the work entailed in felling and brush pile construction.

DIVISION 200 - TECHNICAL SPECIFICATIONS

200. Criteria

201. Mechanical Release

- Trees of 12.0 inches in diameter or larger will not be felled.
- No snags of any size shall be felled, unless the snags present a safety hazard.
- Felled material should not lean against or be suspended by an uncut tree.
- Directional felling should be used to avoid damage to fruit trees.

202. Release treatments will occur outside the nesting season of April 1 – June 30.

203. Equipment to be used includes any type of rotary cutting mower/attachment that can cut material in small (<2 inch) pieces that is over 2 feet tall in most instances and up to 20 feet in some areas. Examples include but not limited to a FECON bull hog brushcutter.
<http://www.fecon.com/>

Due to density and heights it is not feasible to use a traditional brush hog type mower. If there are questions on types of equipment contact the COR.

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203.1 Contractor may use brush cutting/mulching equipment to masticate NNIP prior to herbicide application on all areas, but is required in three areas 257-35, 458-38 and 498-48. Masticate with brushcutting equipment and do stump and/or resprout treatment:

- **257-35**, two sections of autumn olive, approximately one acre total, are found along the west side of the road. The autumn olive shall be masticated prior to herbicide treatment. Current density and height of shrubs preclude adequate herbicide penetration
- **458-38**, barberry is located along the perimeter and within the opening and shall be masticated prior to herbicide treatment. Current density and height of shrubs preclude adequate herbicide penetration
- **498-48**, Barberry is also located along the perimeter and within the opening and shall be masticated prior to herbicide treatment. Current density and height of shrubs preclude adequate herbicide penetration

210. Stump Heights

Maximum stump heights shall be **6 inches** or less above the ground, unless designated in writing by the COR or designated Inspector. Stump sprouts (multiple stems) will be cut as close to the ground as possible. Existing stumps may be left in place.

220. Boundary Trees

Boundary trees are not to be felled. Project area boundary trees are either: marked with orange or white painted three-stripe, or designated with flagging on the trees.

230. Other Marked Trees

Trees marked with marking paint, flagging, enclosed in tree shelters, or attached to fencing shall not be felled.

240. Dead Trees

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

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250. Protection of Existing Structures

The contractor shall be required to protect existing improvements such as roads (including system, OGM woods or skid trails), pipelines, fences, gates, buildings, water bars, plantings, nesting structures, oil/gas equipment, etc., which are located in the project area. The contractor shall be required to repair or replace such improvements if damaged as a result of their operations. This includes replacing and re-seeding water bars and earthen barricades, roadside ditches, culverts and signs if disturbed as a result of this contract. Any rocks or slash removed for access must be replaced.

There are active oil leases surrounding these sites.

Cultural Resource Surveys have been conducted and there are no known cultural sites within these areas. If during the execution of this contract the operator unearths a site, work must cease in the general area and the Contract Inspector or COR notified immediately.

260. Project Area Materials Staging

Staging areas large enough for gathering, sorting, piling, etc. of removed materials prior to removal from Forest Service land are permitted in each project area. It is the Contractor's responsibility to notify the Forest Service in writing as to the desired location for each staging area. Locations will be mutually agreed upon prior to the art of operations.

270. Work Area and Equipment Clean Up

271. The contractor shall clean up the work area in and around each contract item prior to the Government accepting the item as complete. This cleanup includes removal of all excess and discarded materials associated the project, as well as other activities of the contractor.

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272. Contractor shall ensure that prior to moving any equipment to a work site, between work sites, and from the Allegheny National Forest, all planting equipment such as but not limited to: augers, shovels, and planting bars are free of soil, seeds, vegetative matter or other debris that could contain or hold seeds. Off-road equipment used for transport of materials such as ATV's and trailers shall also be free of soil, seeds, vegetative matter or other debris that could contain or hold seeds. Equipment shall be considered free of soil, seed and other such debris when a visual inspection does not disclose such material. Disassembly of equipment components or specialized inspection tools is not required. Cleaning of equipment may entail brushing or hosing off. The use of detergents or other cleaning agents are not to be used unless they are used at a car wash or other facility equipped for water catchment and treatment. Equipment is not be cleaned in streams, ditches or other waterways. If the contractor desires to clean the equipment on National Forest land, the contractor and Forest Service shall agree on location for the cleaning.

280. Time of Performance

281. Release treatments will occur outside the nesting season of April 1 – June 30.

282. Non-native invasive plants are located within and along the perimeter and shall be masticated prior to herbicide treatment. Current density and height of shrubs preclude adequate herbicide penetration. Cut stem herbicide treatment can be conducted at the time of cutting within 1 hour or the resprouts of plants can be herbicided > six months after cutting. See Project #010 for herbicide treatment specifications.