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## **Appendix A**

### (Description of Work Scope Items)

#### **Wildlife Opening Creation (12 acres) & Walking Trail Creation (3 acres)**

- Mechanical sapling grinding (15 acres)
- Mechanical Landscape (ground) leveling (15 acres)

Scope of work consists of mechanical grinding of sapling size trees (2-year old to 7-year old stands of Aspen), brush and associated stumps from a previous forest harvest (equipment required – bobcat with brush grinding head or equivalent to clear areas with only chip residue remaining).

Scope of work consists of mechanical ground leveling (equipment required – bulldozer or equivalent so when completed the areas can be seeded as food plots or walking trails by light disking).

Each scope item above is separate and will be treated and awarded as separate Bid items. Bidders may Bid on both scope items if they wish.

Each scope item above should be Bid on a lump-sum per acre (unit) price. Expected total acreage of 15 acres and location could vary on final work order. Each area will be flagged by the DCD before work starts. Each proposed 1 acre opening creation may be broken-down into smaller areas close to each other (example: two ½ acre parcels or four ¼ acre parcels – no parcel will be less than ¼ acre).

Weather depended project (the DCD will dictate work dates per contract). Scheduled for June or July 2019.

#### **Wildlife Vegetative Seeding (22 acre)**

- Herbicide, disc, fertilize & seed (22 acres)

Scope of work consists of applying herbicide (glyphosate – 2 quarts per acre) to vegetation on 22 acres (food plots & walking trails); then applying fertilizer (200 lbs. per acre: 0-26-26 or 0-14-42) and disking in; then seeding with a mixture of clovers and cover crop of oats lightly disked in and packed

(red clover – 5 lbs., ladino clover – 5 lbs., white clover – 2 lbs. and certified oats - 32 lbs.; per acre).

This scope item should be Bid on a lump-sum per acre (unit) price. Expected total acreage of 22 acres and location could vary based on opening and walking trail creation above. Each area will be designated by the DCD on the final work order.

Perfect scenario: the creation of openings/trails are completed mid-summer 2019 and the herbicide application would be in the fall 2019 with final seeding being in the spring/summer 2020.

Weather depended project (the DCD will dictate work dates per contract).

#### **Tree Planting with Shelters (Oak)**

- Supply 150: 5 ft. – 6 ft. Red or White Oak Trees & shelters
- Plant 150: 5 ft.- 6 ft. Oak trees & apply shelters

Scope of work consists of supplying 150, 5 ft. to 6 ft. Red or White Oak Trees. On Bid sheet please indicate if you are supplying bare-root, potted or can supply either (if either please Bid

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both). We would assume Bid prices will reflect such (please also include a picture of stock you will be supplying). If you do not or cannot supply the shelters, please state so in your Bid. If not, your Bid will still be looked at as the Conservation District could if necessary, supply the needed shelters.

Scope item consists of planting 150, 5 ft. to 6 ft. oak trees and applying shelters to such as planted.

Each scope item above is separate and will be treated and awarded as separate Bid items. Bidders may Bid on both scope items if they wish.

Weather depended project (the DCD will dictate work dates per contract). Scheduled for fall 2019 or spring 2020. The DCD and the contractor will decide together on an appropriate schedule depending on award Bid stock (bare-root or potted).

### **Tree Planting (White Spruce)**

- Supply 25,000: White Spruce containerized seedlings
- Plant 25,000 White Spruce seedlings

Scope of work consists of supplying 25,000 white spruce containerized seedlings (please also include a picture of stock you will be supplying). Ideal scenario would be to split the seedling purchase supply into two different years in case of drought (12,500 fall of 2019 & 12,500 spring of 2020).

Scope item consists of planting 25,000 white spruce containerized seedlings. Ideal scenario would be to split the planting into two different years in case of drought (12,500 fall of 2019 & 12,500 spring of 2020).

Each scope item above is separate and will be treated and awarded as separate Bid items. Bidders may Bid on both scope items if they wish.

Weather depended project (the DCD will dictate work dates per contract). Scheduled for fall 2019 and/or spring 2020. The DCD and the contractor will decide together on an appropriate schedule.

#### **SPECIFICATIONS FOR SEEDLINGS**

Age -- All seedlings must be the equivalent of two-year-old stock.

Genetics -- All seedling stock must be grown from seed originating in climatic zones 1# and 2# as shown on the US Forest Service's Regional Zone Map. The nursery providing seedlings shall certify that seeds used meets this requirement.

Type -- Only containerized stock will be acceptable. Seedlings will be delivered in 14 x 24 styro-blocks or equivalent with 1-inch plug hole. No bare root stock will be accepted. Stock will be free of freezer burn, insect damage or other stress characteristics which might reduce their potential for survival once planted.

### **Shrub Planting (Red Osier Dogwood)**

- Supply 5,000: Red Osier Dogwood containerized seedlings
- Plant 5,000 Red Osier Dogwood seedlings

Scope of work consists of supplying 5,000 Red Osier Dogwood containerized seedlings (please also include a picture of stock you will be supplying).

Scope item consists of planting 5,000 Red Osier Dogwood containerized seedlings.

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Each scope item above is separate and will be treated and awarded as separate Bid items. Bidders may Bid on both scope items if they wish.

Weather depended project (the DCD will dictate work dates per contract). Scheduled for spring 2020. The DCD and the contractor will decide together on an appropriate schedule.

#### SPECIFICATIONS FOR SEEDLIINGS

Age -- All seedlings must be the equivalent of two-year-old stock.

Genetics -- All seedling stock must be grown from seed originating in climatic zones 1# and 2# as shown on the US Forest Service's Regional Zone Map. The nursery providing seedlings shall certify that seeds used meets this requirement.

Type -- Only containerized stock will be acceptable. Seedlings will be delivered in 14 x 24 styro blocks or equivalent with 1-inch plug hole. No bare root stock will be accepted. Stock will be free of freezer burn, insect damage or other stress characteristics which might reduce their potential for survival once planted.

**Project Location Map (Appendix D): this map provides at present an approximate location for each project that is proposed. Project locations may change slightly before final work order.**