

IDAHO PANHANDLE NATIONAL FORESTS

2450  
Commercial Sales - Proposed

04-2420-01

CALLIS BURN SALVAGE

STARS # 08303

TIMBER SALE REPORT  
AND  
APPRAISAL

CDA RIVER RANGER  
DISTRICT

SUPERVISOR'S OFFICE

Prepared \_\_\_\_\_  
Date

Reviewed for Advertisement

By

Date

Reviewed \_\_\_\_\_  
Date

By

By

Reviewed \_\_\_\_\_  
Date

By \_\_\_\_\_

I hereby certify that this sale meets  
the requirements of Secretary's  
Regulation 36 CFS 223.30.

\_\_\_\_\_  
Staff Officer, Timber

Date

\*\*\*\*\*

## **Timber Sale Report**

### **I. Location**

The sale area is approximately 20 acres in size and is located on the south side of Hamilton Mountain ridge (Callis Creek drainage) along the #436 road in a portion of sections 7 and 18, T52N, R1E, Boise Meridian, Kootenai County, Idaho. The timber stand atlas compartment number is 338, Coeur d'Alene River Ranger District, Idaho Panhandle National Forests. Harvest is planned on 9 acres.

### **II. Relationship to the Environmental Document and Other Uses**

This sale is prepared under the direction of the Callis Burn Salvage Decision Memo, approved by the District Ranger on April 18, 2008. This sale lies in Forest Plan Management Area 1. Management Area 1 is to be managed for the long-term growth and production of commercially valuable wood products while protecting other resources.

A. Relationship to Private Land/Rights-of-Way: There is no private ownership in the vicinity of the Callis Burn Salvage timber sale. There was a 40 acre parcel in the center of section 7 that was private but it is now under National Forest ownership.

B. Threatened, Endangered and Sensitive Species: There will be no effect to threatened or endangered species. No evidence of goshawk or flammulated owl usage was discovered during sale layout. An active black-backed woodpecker nest was discovered on the edge of unit 2 during sale preparation activities. Per consultation with District Wildlife Biologist, the young are expected to leave the nest by the end of July. Research shows that there is a low likelihood that the nest will be used next year. However, trees in close proximity of the nest were not designated for cutting to avoid knocking over the nest tree during harvest activities. Since harvest activities will occur after the nest is vacated and re-use is unlikely to occur, no special protection measures were identified. CT6.24# will have timing restrictions within a tree length of any discovered nest next season. The biological evaluation for this project made the call that the proposed action may impact individuals or habitat, but was not likely to trend the species toward federal listing or loss of viability.

C. Wetlands/Streamside Habitats: Guidelines under the Inland Native Fish Strategy, maintaining no harvest riparian buffers, were implemented with this project. The headwall of an intermittent channel is located 200-300 feet below unit 1. No effect to the channel or streamside habitat is expected to occur.

D. Special Uses, Mining Claims, Range Allotments: There are no active mining claims, special uses, or range allotments within the timber sale area.

E. Noxious Weeds: The purchaser will be required to clean off-road equipment prior to moving into the sale area. The purchaser will be required to seed and fertilize landings. Forest Service temporary seed mix will be utilized for this area as long term grass establishment is not desirable within this burn area. The KV plan will identify noxious weed treatments within the sale area.

F. Cultural Resources: There are no known cultural resource sites within the sale area. The timber sale contract will contain provision CT6.24# which will provide protection in the event that a site is discovered.



<b>Total</b>	9		122	131	3	1	5	4	266	38	304	-
<b>MBF</b>	-		68	71	2	1	2	2	146	21	167	-

#### **IV. Marking Plan**

This sale contains 3 harvest units. All units are individual cut tree marked (CTM) with cut trees designated with a **BLUE** bole and **BLUE** stump mark. Live or dead trees without blue paint marking are to be retained. Dead trees that need to be felled for safety reasons are to remain on site and not yarded. The cutting unit boundaries are designated by **ORANGE** tags stapled to boundary trees with an **ORANGE** "X" stump mark. Burned areas outside of the unit boundaries will not be permitted for consideration for additional harvest per NEPA direction.

#### **V. Logging Plan**

This sale will require cable and skyline yarding. Units 1 and 3 will require skyline yarding. Unit 2 is a highbank strip where trees are to be winched down to the roadway. The average skyline yarding distance is approximately 500 feet with a maximum reach of approximately 600 feet. Purchaser will be permitted to block the #436 road during skyline yarding operations, but road will need to be reopened at the end of daily activities unless otherwise agreed. Purchaser will not be permitted to block the roadway during the first two weeks of center-fire rifle season. No operations will be permitted on weekends and holidays, unless otherwise agreed. No operations will be permitted during the winter recreational period from 12/1 to 3/31.

#### **VI. Transportation System**

The sale is designed to haul on the #436 road to the #258, out the #258 to the #332 road, and down the #332 Bunco road. Purchaser will be required to spot blade and sight distance brush the #436 road as needed to allow for safe log transport. The #258 and the #332.4 will require spot blading. Brushing on the #258 was completed last year and the #332.4 is scheduled for this summer. If another haul road is requested and approved by Forest Service, other requirements and a recalculation of road maintenance deposits should be anticipated.

#### **VII. Erosion Control**

Purchaser will be required to seed and fertilize landings utilizing the **temporary seed mix** as listed below.

Application shall be during the period March 1 to June 15 and September 1 to November 15. Seed shall be applied evenly at the rate of 35 pounds per acre.

### Seed quantity

Species	cost/lb	lbs/ac	cost/ac
Slender wheatgrass <i>Elymus trachycaulus</i> "Revenue" or "Pryor"	\$1.50	15	\$22.50
Annual ryegrass <i>Lolium multiflorum</i>	\$0.65	20	\$13.00
Blend fee	\$0.05		\$1.75
TOTAL		35.0	\$37.25*

\*quote from Rainier Seeds, Inc. Davenport, WA, 5/2007.

Acres to seed: 1 x \$37.25/ac = \$37.25

Labor for Seeding: 1 hour @ \$26.48/hr = \$26.48

**Total Seed and Labor cost: = \$63.73**

Seed shall be applied by the Dry method. Fertilizer shall be applied at a rate of 300 pounds per acre in one application by the Dry method and have a chemical analysis as listed below:

<u>Nutrient</u>	<u>Percent</u>
Nitrogen, N	18
Phosphorous, P2O5	18
Potassium, K	14
Sulphur, S	6

Fertilizer cost = \$344 per ton

300 lbs per acre x 1 acre = 300 lbs.

300 lbs (0.15 tons) x \$344/ton = \$51.60

Labor for fertilizing: 1 hr @ \$26.48/hour = \$26.48

**Total fertilizer and labor cost = \$78.08**

**Total cost for seeding and fertilizing = \$141.81**

**Seed and fertilizer – Cost/CCF: \$141.81/266 CCF = \$0.53/CCF**

### VIII. Sale Area Improvement

Unit 1 is scheduled for planting using a mix of western larch and white pine. Noxious weed treatment along sale area roads has also been identified for KV if funding is available.

### IX. Hazard Reduction

The sequence of activities and activity costs are attached. Costs are generated through the FACTS program.

**Purchaser requirements:**

Purchaser will be required to lop and scatter in the woods for units 1 and 3. Unit 2 will require yarding with limbs and tops attached. Purchaser will be required to slash and lop any submerchantable trees within unit 2 that are significantly damaged by their logging operation. Purchaser will be required to pile landings unless otherwise agreed.

**Forest Service requirements:**

Forest Service will burn landing piles.

**X. Other Provisions**

A. Period of contract:

1. Normal operating season: June 15 to October 15
2. Termination date: August 31, 2009
3. Road Completion Date: N/A

B. Purchaser Fire Liability:

1. Personnel and Equipment

Number Required	Item	Personnel
1	Sawyer	1
1	Line machine	3
1	Truck drivers	1

## 2. Cost Calculations

Total number of personnel	5
Number of hours per day	12
Total hours per crew day	60
Hourly rate for AD-3 firefighter	\$13.00
Average daily cost	\$780.00
Average fire length	5 days
Purchaser obligation for operation fire	\$3,900
Rounded up to nearest \$100	<b>\$3,900.00</b>

### C. Other unique requirements:

No operations permitted on weekends and holidays, beginning at 4:00 pm on the day prior to the weekend or holiday. No operations during the winter recreational period of 12/1 to 3/31. No skyline yarding operations that block the #436 road will be permitted during the first 2 weeks of center-fire rifle season. That restriction period will run from October 8 to October 26, unless otherwise agreed. Purchaser will be permitted to block the #436 road when skyline yarding outside of this period, however the roadway will need to be reopened at the end of daily activities, unless otherwise agreed. Purchaser will need to utilize flagpersons when felling trees with potential to reach the #436 roadway.

Provision CT2.211# Optional Removal of Non-Sawtimber Products was used to allow purchasers some flexibility in not having to remove wood (Grand fir and Other) with some surface or knot char that mills may not accept. It is the Forest Service intention that if the purchaser elect not to remove these logs, that they remain scattered within the harvest unit for microsite and habitat. Do not deck up this timber if it is not going to be removed. Trees with char on the bark only (Douglas-fir and larch) will be required removal. The timber was appraised to the closest mill site. Not all mills will accept charred logs, even if the char is only on the bark. **Purchaser should investigate intended markets before considering purchase of this offering.**

Market Related Contract Term Addition will not be applicable to this timber sale.

### D. Performance bond: Minimum performance bond will be set at 10% of the appraised timber value.

## **XI. Notification of Forest Practices**

*(Check appropriate box)*

X	Harvest of forest tree species.
	Road construction associated with harvesting of trees.
X	Reforestation.
	Use of chemicals or fertilizers for the purpose of growing or managing forest tree species..
X	Slashing or use of fire resulting from harvest or other management activities.
	Helicopter yarding adjacent to private ownership.
	Site specific BMP's
	Lake Present?
	Class I stream present?
	Steep Slopes?
	Unstable or erodible soils present?
	Stream crossings anticipated?