

IDAHO PANHANDLE NATIONAL FORESTS

2450
Commercial Sales - Proposed

04-2420-01

STARS # 12201

GREEN SLATE TIMBER SALE REPORT
AND
APPRAISAL

DISTRICT

SUPERVISOR'S OFFICE

Prepared _____
Cassidy Russell, Forestry Technician

Reviewed for Advertisement

Date

By

Date

Reviewed _____
Edwin Odegaard, Operations Team Leader

I hereby certify that this sale meets
the requirements of Secretary
Regulation 36 CFR 223.30.

Date

Reviewed _____
Wade Sims, District Ranger

Supervisor Office Staff Officer, Timber

Date

Date

Timber Sale Report

I. Location

The sale area is 190 acres in size and is located in Sec 24, T. 46 N., R. 4 E., of the Boise Meridian, Shoshone County, Idaho. It includes a portion of timber stands 262-02-044, 262-02-049, and 262-02-050, St. Joe Ranger District, Idaho Panhandle National Forests. Harvest is planned on 68 acres. The sale area lies in the Slate Creek Drainage. Directions to the sale area from St. Maries, Idaho: Take forest highway 50 to Avery Ranger Station (approximately 41 miles from St. Maries), then turn north on forest road 225 (Slate Cr.) for 2.5 miles to forest road 1934. Follow forest road 1934 for 9 miles to sale center. **Prospective purchasers will need to obtain a key to the gate, from either the St. Maries or Avery Ranger District, prior to accessing the sale area.**

II. Relationship to the Environmental Document and Other Uses

This sale was prepared under the direction of the Green Slate Category 12 Exclusion, approved by Wade Sims, District Ranger on the St. Joe Ranger District, Idaho Panhandle National Forests, dated 3/16/2012.

A. Relationship to Private Land/Rights-of-Way: There are no private lands adjacent to this sale.

B. Threatened, Endangered and Sensitive Species: This project will have no affect on threatened or endangered species or their habitat.

C. Wetlands/Streamside Habitats: The project activities will not occur in municipal watersheds, wetlands or flood plains. The project will not impact impaired watersheds. Stream buffers, best management practices, and project design features are adequate for protecting water quality.

D. Special Uses, Mining Claims, and Range Allotments: This project is not within any special use areas, mining claims or range allotments.

E. Cultural Resources: The area has been surveyed. There are no Native American religious or cultural sites, archaeological sites, historic properties or areas in the vicinity of where project activities will occur. If any cultural sites are found during logging operations, they will be protected.

III. Timber Volumes

Sale units were cruised in the 2012 field season by a Forest Service crew. Cruise design and implementation procedures were adhered to the standards prescribed in the Forest Cruising Handbook 2409.12 and all R1 and IPNF Supplements. This sale was cruised to an error of 16.55%. The **cruise identification number is 01**. The conversion factor is .5414 mbf/ccf and 3.2 ccf/ ton. All acreages were determined using GPS

Certified Cruisers: Mike Hicks, William Brandt, Cynthia Johnston
Cruising was completed in 2012.

The following table summarizes sale acreage, and estimated timber volumes by species, and logging system by unit.

Upper Volumes are in CCF / Lower Volumes are in Tons

Unit	Acres	GF	H	DF	L	LP	C	S	AF	Non-Saw	Total Sawlog	Logging System
1A	12	92	1	7	19	36	1	1	0	10	157	Ground Base
1B	24	183	1	13	37	72	2	3	1	13	312	Skyline
2A	10	74	1	85	16	19	1	2	2	10	200	Ground Base
2B	22	163	2	188	36	41	2	4	6	21	442	Skyline
Total CCF	68	512	5	293	108	168	6	10	9	54	1111	
1A	12	302	3	21	60	114	3	4	1	22	508	Ground Base
1B	24	603	4	42	121	228	5	8	1	45	1012	Skyline
2A	10	243	3	264	53	60	3	5	6	28	637	Ground Base
2B	22	535	6	581	115	132	5	11	13	63	1398	Skyline
Total Tons	68	1683	16	908	349	534	16	28	21	158	3555	

IV. Marking Plan

C2.38# - SPECIES DESIGNATION. (1/09) Within the cutting units shown below, listed species are designated for cutting when they (a) meet utilization standards and (b) are smaller than the stump diameter listed below and shown on the Sale Area Map:

Unit	Designated Species	Maximum Stump Diameter - (Inches)
ALL	LP	NA

Stump diameter will be measured at **NA** inches above ground level on the uphill side of the tree. A minimum stump height of **NA** inches above ground level on the uphill side shall be left in the units listed above.

In addition, any trees within the cutting unit boundary that are wind thrown prior to Purchaser's logging in the immediate vicinity which meet Utilization Standards in amounts less than specified in B2.133 are designated for cutting.

Trees of the species listed above that are designated to be left standing are marked with a horizontal stripe of **NA** paint at or above eye level, and a stump mark consisting of a horizontal stripe of **NA** paint on the downhill side of the tree at ground level.

In addition to those species listed above, in **All Units** trees marked with a horizontal stripe of **Blue** paint at or above eye level, and a stump mark consisting of a horizontal stripe of **Blue** paint on the downhill side of the tree at ground level are also designated for cutting.

The boundaries of units are marked on three (3) sides of the cutting unit boundary trees with vertical stripes of **Orange** paint extending from diameter breast height (DBH) upwards approximately three (3) feet. The middle stripe of paint faces the cutting unit and the other two face on line with the cutting unit boundary. In addition, each boundary tree has a horizontal stump mark painted on the downhill side of the tree at ground level. Trees used for boundary designation are not to be cut.

Upon agreement with Forest Service, dead trees designated to be left standing may be felled when necessary for safety under the State Safety Code and other dead trees designated in their place.

V. Transportation System

The main haul route from the sale center is FS Road 1934, then out to FS road 225 to Avery Ranger Station and Forest Highway 50 to St. Maries, Idaho.

Temporary road will be built off the end of road 1934CA, to access units 1A and 1B, around the BPA power line tower which will need to be protected by jersey barriers (C6.338). Barriers will be provided by the FS and an allowance has been given for installation and removal of these barriers (see appraisal appendix for amount).

VI. Erosion Control

Seed application shall be during the period June 1 to June 30 and October 1 to October 31. Seed shall be applied evenly at the rate of 19 pounds per acre and 200 pounds of fertilizer. **Note seed mix.** Ref to C6.601.

Seed quantity

Species	lbs/acre	cost/lb
Slender Wheatgrass "Highlander" "Pryor"	3	
Mt. Brome "Bromar"	5	
Alsike Clover	2	
Annual Rye (lolimu multiflorum)	4	
Hard fescue "Durar"	5	
Total	19	\$4.00/lb

Acres to seed: 1 Acre

Seed: 19 lb/ac X 1 acre = 19 lbs seed

Fertilizer 16-16-16:200 lbs/ac x 1 acre = 200 lbs

Seed Cost = 19X \$4.00/lb = \$76.00

Fertilizer Cost = 200 X \$.25/lb = \$50.00

Application: 4 hours X \$17.40/hr = \$69.60

Total Erosion Control needs: \$195.60

Cost/CCF: \$0.18

VII. Sale Area Improvement –KV - Narrative

Costs are generated through the PLANZ program and more detail cost sheets are attached.

There are no KV Activities on this sale.

VIII. Hazard Reduction

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

Purchaser requirements:

- Limb and top at landing, and pile

Forest Service requirements:

- Burn Piles

IX. Other Provisions

A. Period of contract:

1. Normal operating season: June 15 to October 31
2. Termination date: October 31, 2015

B. Purchaser Fire Liability:

1. Personnel and Equipment

Number Required	Item	Personnel
1	Skidder	1
1	Truck driver	1
1	Loader	1
1	Woods Boss	1

2. Calculations

Total number of personnel	4
Number of hours per day	12
Total hours per crew day	48
Hourly rate for AD-C firefighter	\$17.40
Average daily cost	\$835.20
Average fire length	5 days
Purchaser obligation for operation fire	\$4176.00
Rounded up to nearest \$100	\$4200

X. Sale Objective Code

PURPOSE	ACTIVITY	PERCENTAGE
TC	01	100

VALID PURPOSE CODES:

TC -- Timber Commodity Purpose
FS -- Forest Stewardship Purpose
PP -- Personal Use

VALID ACTIVITY CODES:

TC 01 -- Timber Purpose
FS 10 -- Forest and Ecosystem Health
FS 20 -- Recreation/Visual/Cultural Resource Enhancements
FS 30 -- Wildlife Habitat Management
FS 40 -- Fisheries Habitat Management and Watershed Improvement
FS 50 -- T&E Species Habitat Management
FS 60 -- Range Resource Enhancements
FS 70 -- Non-Timber Products
FS 90 -- Other
PP 80 -- Personal Use Products

XI. General

- Prior to commencement, a pre-work conference will be held to discuss contract and work performance requirements. (C6.10)
- Warning signs at the logging sites will inform public of logging activities.(B6.33)
- All off-road equipment will be washed prior to entry to sale area. (C6.351#)
- Any snags that are not a safety hazard will be retained in each unit.(C2.303#)
- Purchaser shall keep roads needed for fire protection or other purposes and designated on Sale Area Map reasonably free of equipment and products, slash and debris resulting from Purchaser's operations.(B6.22)
- The road surface and drainage will be restored to the pre-harvest condition after skidding and landing activities.
- No excavated skid trails will be allowed.
- Skid trails will be seeded, fertilized, and water barred upon completion of the sale. Seed mixes will be approved by the Forest Service and will be certified noxious weed-free. (C6.6, C6.601)
- Purchaser will adhere to the BPA power line safety guidelines.(C6.338)

- All units will have limbs and tops removed at landing and piled. (C6.7)
- Temp road will be required to access units 1A and 1B.
- Jersey Barriers to be used on temp road (BPA tower protection) are located at the lower landing in Avery and will need to be replaced after operations.