Deception Timber Sale

Timber Sale Report and Appraisal

I. STAND DATA

A. Form Class (@16 feet) (Douglas-fir, Western hemlock, and Grand Fir use INGY formulas and don't need Form.)

Species	RC
Form Class	70

B. Average Diameter

Species	DF	RC	WF
DBH	21.1	17.3	15.7

C. Gross Volume and Defect

1. Gross volume to be cut per acre = 15.2 CCF
2. Hidden defect and breakage = 10 %
3. Total defect of designated timber = 16.5 %

D. Net Volume, CCF

Unit	Acres	CCF DF&O Saw	Volume/Acre	Tons DF & O	Volume/Acre
1	5	6	1.2	20	3.8
2	5	33	6.6	113	23.8
3	6	183	30.5	630	105
9	5	59	11.8	203	39.4
11	9	32	3.6	110	11.7
12	8	111	13.9	382	53.5
14A	1	19	19	65	67
14B	2	31	15.5	107	54.5
16	8	157	19.7	541	73.1
17	6	125	20.8	432	77.5
18	1	50	50	174	206
19	1	22	22	77	87
19A	3	50	16.7	174	60.7
25	1	20	20	70	68
26	12	102	8.5	351	32.6
27	6	6	1	22	4
27A	2	19	9.5	66	32.5
TOTALS	**81**	**1025**	**12.7**	**3537**	**43.7**

TIMBER MANAGEMENT

I. Requirements for Domestic Processing

Alaska yellow cedar and timber not meeting utilization standards are exempt from Domestic Processing. (See Contract Provision C8.66# (Option 1).

II. Cruising Methods

A. Type of Cruise

Sample Tree – Subdivisions 1, 2, 3, 9, 11, 12, 14A, 14B, 16, 17, 18, 19, 19A, 25, 26, 27, 27A

B. Cruise Specifications

Based on the need to mark every tree, a sample tree cruise was selected (a 3P cruise method was not selected based on the difficulty of estimating net volume in these old and burned trees). There will be one strata for this sale. Species will be divided into three groups: Douglas fir (DF), White Wood (WF – includes western hemlock, mountain hemlock and all true fir) and Red cedar (RC).

C. Statistical Analysis

Sampling Error = 13.20 %

III. Sale Area Marking

Boundaries will be marked on the ground at corners where the unit meets the road, along the edges of the road and at the back corners. No boundary will be marked at the back of the units parallel to the road. Corners will be marked with blue ribbon, four boundary cutting unit cards, and orange paint. Boundary will be marked with blue cutting unit cards and orange paint. Species that may be encountered include Western red cedar, Incense cedar, Douglas fir, Mountain hemlock, Western hemlock, White pine, Grand fir, Noble fir, Silver fir, and White fir. Trees will be marked with blue tracer paint.

IV. Logging Plan

All Subdivisions will be skyline logged.

V. Utilization

10 inch DBH to a 7 inch top subject to per MBF pricing.

VI. Operating Season

June 1 – October 31

VII. Termination Date

December 31, 2016

VIII. Operations Compliance

I certify this timber sale is in full compliance with directions set forth in the EA, both on the ground and in the appraisal/contract.

Head of Presale

Timber Management Assistant