

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

PCM – Units 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

B. Cruise Specifications

All subdivisions were variable plot cruised using the PCM method. A relaskop using 20 BAF was used in all subdivisions. The cruise was broken out into two strata. Douglas-fir were split into two species groups. The first species group will be SD (Small Douglas-fir) and will include all Douglas-fir with a diameter of 15.0 inches and smaller. The second species group will be LD (Large Douglas-fir) and will include all Douglas-fir with a diameter of 15.1 inches and larger. This will facilitate using a different weight per CCF (Large 54 lbs./Cu. Ft., Small 59 lbs./Cu.Ft).

C. Statistical Analysis

Sampling Error = 17.80 %

III. Sale Area Marking

Boundaries on all subdivisions are posted with blue Boundary Cutting Unit cards, and marked with orange paint. Only Douglas-fir, True firs, and Western hemlock, are designated for cutting. All Coniferous species except Pacific Yew, cedar, and pine not marked with orange paint above and below stump height, shall be cut if they are within 60.0 feet, at stump height, of a conifer or hardwood (DTR) tree painted with two complete bands of orange paint above stump height and at least one stump mark below stump height.

IV. Logging Plan

All of Subdivisions 1, 3, 4, 7, and 15 will be tractor logged. Subdivision 13 will be skyline logged. Portions of Subdivisions 2, 5, 6, 8, 9, 10, 11, 12, 14, and 16 will be tractor and skyline logged.

V. Utilization

7 inch DBH to a 6 inch top, minimum 8 foot log, for products subject to per Ton pricing.

VI. Operating Season
May 1 – November 30

VII. Termination Date

December 31, 2020

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

USDA - FOREST SERVICE
Stewardship: N

REPORT OF TIMBER SALE
APPRAISAL SUMMARY CCF

R6-FS-2400-17 (04/10)
Version 1521 (TEA 05-15)

Region: 06
Forest: 18 Willamette
District: 10 Middle Fork
Salvage: N

Sale Name: CPP
Sale Number: 10153
Appraise to: Springfield, Oregon
Appraiser: Lisa Mobley

Appraisal Date: 06/10/15
Base Period Ending: 03/31/15
Competition Factor: 10%
Essential KV Cost: 0

| SELLING PRICES | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Average | Total | |
|---------------------------|--------|---|---|---|---|---|---|---------|--------|------------|
| 1. Species | D-fir | | | | | | | | | |
| 2. Species Code | 205 | | | | | | | | | |
| 3. Product/Unit | 01-03 | | | | | | | | | |
| 4. Volume | 16,660 | | | | | | | | 16,660 | |
| 5. Base Period Price | 74.36* | | | | | | | | 74.36 | |
| 6. Base Period Index | 182.54 | | | | | | | | 182.54 | |
| 7. Current Index | 177.42 | | | | | | | | 177.42 | |
| 8. Rapid Market Adj | 5.20 | | | | | | | | 5.20 | |
| 9. Market Adj BP Price | 74.44 | | | | | | | | 74.44 | |
| 10. Unusual Adjustment | -27.79 | | | | | | | | -27.79 | |
| 11. GBCv-Nonsaw Adj | | | | | | | | | | |
| 12. Product Quality Adj | .51 | | | | | | | | .51 | |
| 13. Adj Base Period Price | 47.16 | | | | | | | | 47.16 | 785,685.60 |

| COSTS | Zone Avg Cost/UM | Est Sale Cost/UM | Adj to BP Cost | ROADS | Km | Miles | Cost |
|-------------------------|------------------|------------------|----------------|--------------------|------------------|-----------------|-----------------------|
| 14. Stump to Truck | 152.01 | 124.04 | 27.97 | Specified Road Con | | | |
| 15. Haul/Scale | 31.96 | 45.08 | -13.12 | Specified Road Rec | 39.34 | 24.43 | 254,741 |
| 16. Road Maintenance | 8.97 | 23.31 | -14.34 | Temporary Road Con | 4.07 | 2.53 | 74,500 |
| 17. Contract | 16.28 | 17.23 | -.95 | Haul Miles | | 65 | |
| 18. Development & Other | 3.84 | 4.48 | -.64 | | | | |
| 19. Road Const & Recon | | 15.29 | -15.29 | | | | |
| 20. Total (lines 14-19) | 213.06 | 229.43 | -16.37 | DEPOSITS: | Br Disp/UM 15.15 | Rd Mtc/UM 17.87 | C(T) 5.213# 33,276.00 |

| ADVERTISED RATES | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Average | Total | |
|----------------------------|-------|---|---|---|---|---|---|---------|-------|------------|
| 21. Predicted Bid Rate | 30.79 | | | | | | | | 30.79 | 512,961.40 |
| 22. Competition Adjustment | 3.08 | | | | | | | | 3.08 | 51,312.80 |
| 23. Property Value | | | | | | | | | | |
| 24. Indicated Adv Rate | 27.71 | | | | | | | | 27.71 | 461,648.60 |
| 25. Base Rate | 3.00 | | | | | | | | 3.00 | 49,980.00 |
| 26. Adjustment | | | | | | | | | | |
| 27. Advertised Rate | 27.71 | | | | | | | | 27.71 | 461,648.60 |

CCF to MBF Rate Factors: 1.8542
 CCF to MBF Volume Factors: .5393
 MBF to CCF Index Factors: .52
 CCF Base Index for A(T)5a:
 CCF Wtd Avg Del Log Price: 337.73
 MBF Volume: 8,985
 Total Tons Removed: 47,383

1.8542
.5393

Net CCF to Tons Conversion Factor for C8.3#(Option 1) or K-I.3.1#: 2.8441

DEPOSITS/Ton BD: 5.33 RM: 6.28

with unusual adjustment - use