

Blank Stairs Chip Sale

Appraisal (Chip)

KL-343-2016-844

Location Gilchrist State Forest

T24S R9E Portions of sections 10, 11, 12, 15, 16, 23

Willamette Meridian, Klamath County, Oregon



Volume Harvestable

Total Acres		867	Ac
No Harvest Zones	16%	139	Ac
Total Harvest Area	.	728	Ac
Optional Entry Area	15%	109	Ac
General Harvest Area		619	Ac
		5	green tons / acre harvestable
		10	green tons / acre harvestable

Value

6,734.00 total green tons

\$3.00 min bid price

\$20,182.38 Approximate Value

The Volume harvestable refers to all material to be felled. PURCHASER may sort the felled product into Sawlog and Chip material. The price shall be the same for all material harvested. Refer to Exhibit C for details (Sawmill and Pulp). Refer to section 1740 in the contract for log prices.

STATE makes no guarantee as to the accuracy or amount harvestable for the terms of this contract.

Variables

Harvest Yields

728 Acres harvestable
 15% % optional entry area
 619 GHA acres (general harvest area)
 10 GHA green tons / acre
 6188.0 GHA total green tons
 109.2 OEA acres (optional entry area)
 5 OEA green tons / acre
 546.0 OEA total green tons
 6734.0 total green tons
 204 total loads
 0.28 Loads per acre

Assumptions

33.0 green tons / load
 35.0% moisture
 21.5 bdt / load

Costs

Trucking Costs

\$750.00	haul cost / load
\$22.73	haul cost / green ton

Processing Costs

\$120.00	Chipper / hour
\$120.00	Skid / hour
1.20	hours / load
\$288.00	cost / load
\$8.73	cost / green Ton

Total Costs per Green Ton

\$30.27	Cutting
\$8.73	Processing
\$22.73	Trucking
\$0.74	Obligations
\$62.47	Total

Profit / Risk per Green Ton

15%	Profit / Risk
\$9.37	Profit & Risk / green ton

Cutting Costs

\$140.00	Buncher Cost per hour
6734.00	Total Green Tons
9.25	Green Tons / acre
0.28	Loads / acre
5.00	acre cut / day (assume 10 hr day)
\$280.00	cost / acre
\$998.92	cost / load
\$30.27	Cost / green ton

Contract Obligations

\$2,500.00	*Road Maintenance (sections 2130 and 2360)
\$2,500.00	*Pile Construction (sections 2550 and 2560)
\$5,000.00	total
\$0.74	cost / green ton

*Contract obligation costs are approximate.
The actual cost will depend on operation
conditions AND operative damages as
determined by STATE.

Payment

Payment

\$115.13	payment per / ton
35.0%	moisture
\$74.83	payment / green ton
\$2,469.54	payment / load

Pricing

\$74.83	payment / green ton
\$62.47	costs / green ton
\$9.37	Profit & Risk / green ton
\$3.00	minimum bid