

Low and Away Chip Sale

Appraisal (Chip)

KL-343-2016-845

Location Gilchrist State Forest
T25S R9E portions of sections 5, 6, 7, 8, 17

Willamette Meridian, Klamath County, Oregon



Volume Harvestable

Total Acres		471	Ac
No Harvest Zones	16%	77	Ac
Total Harvest Area	.	394	Ac
Optional Entry Area	15%	59	Ac
General Harvest Area		335	Ac
		5	green tons / acre harvestable
		10	green tons / acre harvestable

Value

3,644.50 total green tons

\$3.00 min bid price

\$10,938.03 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

394 Acres harvestable
15% % optional entry area
335 GHA acres (general harvest area)
10 GHA green tons / acre
3349.0 GHA total green tons
59.1 OEA acres (optional entry area)
5 OEA green tons / acre
295.5 OEA total green tons
3644.5 total green tons
110 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
\$1.37	Obligations
\$63.10	Total

Profit / Risk per Green Ton

15%	Proffit / Risk
\$9.46	Proffit & Risk / green ton

Cutting Costs

\$140.00	Buncher Cost per hour
3644.50	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 Maintainence (sections 2130 and 2360)
\$2,500.00	*Pile Construction (sections 2550 and 2560)
\$5,000.00	total
\$1.37	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

\$116.25	payment per / ton
35.0%	moisture
\$75.56	payment / green ton
\$2,493.56	payment / load

Pricing

\$75.56	payment / green ton
\$63.10	costs / green ton
\$9.46	Proffit & Risk / green ton
\$3.00	minimum bid