

Los Pinos Timber Sale
COS06-TS-2016-001
Logging and Development Cost

Mobilization: Includes 6 trips to mobilize and 6 trips to demobilize.

$$12 \text{ trips} * 8 \text{ hours} @ \$105.00/\text{hour} = \$10,080.00$$

$$\$10,080.00 / 4,244.2\text{CCF} = \quad \quad \quad \mathbf{\$2.38/\text{CCF}}$$

Log Making to Truck: Includes falling, skidding (average skid < 1,000 feet), processing, slash piling, loading, erosion control and overhead.

Unit 1 343 acres Average Skid Distance 900 feet

Unit 2 11 acres Average Skid Distance 800 feet

Unit 3 67 acres Average Skid Distance 1,000 feet

$$\mathbf{\$122.00/\text{CCF}}$$

Hauling: Haul route will head east toward Old Agency to avoid tight switch backs and archeological significant road features. Approximately 7.6 hours per load.

$$\mathbf{\$64.00/\text{CCF}}$$

Road Development: Includes all necessary work to bring sale area haul roads up to Road Log specifications.

Open and Improve:

A Road = 6,157 feet

B Road = 8,185 feet

C Road = 6,426 feet

Total = 20,768 feet

20,768 feet / 5,280 = 3.93 miles

3.93 miles * \$2,500/mile = \$9,825.00

Reconstruct:

A Road = 230 feet

230 feet / 5,280 = 0.05 miles

0.05 miles * \$17,000/mile = \$850.00

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Total:

$$\$9,825.00 + \$850.00 = \$10,675.00$$

$$\$10,675.00 / 4,244.2\text{CCF} = \quad \quad \quad \mathbf{\$2.52/\text{CCF}}$$

USFS Road Use Permit: Includes Surface Rock Replacement and Road Maintenance costs for the life of the sale.

Surface Rock Replacement:

$$\$0.38/\text{CCF} * 12.6 \text{ miles} = \$4.79/\text{CCF}$$

Road Maintenance:

$$\text{USFS Bulletin \#: BU230416} = \$4.30/\text{CCF}$$

Total:

\\$9.09/CCF

Sale Closeout: Includes final sale area road maintenance, grass seeding, skid trail barricading, etc.

Final Road Maintenance:

$$3.93 \text{ miles @ } 32 \text{ hours} * \$105.00/\text{hour} = \$3,360.00$$

Grass Seeding:

$$100 \text{ pounds of seed} = \$400.00$$

$$2 \text{ Days to apply} = \$320.00$$

Skid Trail Barricading:

$$50 \text{ hours} * \$105.00/\text{hour} = \$5,250.00$$

Total:

$$\$3,360.00 + \$400.00 + \$320.00 + \$5,250.00 = \$9,330.00$$

$$\$9,330.00 / 4,244.2\text{CCF} = \quad \quad \quad \mathbf{\$2.20/\text{CCF}}$$

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Total Sale Costs:

\$202.19/CCF

Delivered Log Price: Price determined from USFS Bulletin #: BU230416

\$210.00/CCF

Biomass Minimum Price: BLM Colorado Minimum Price List 2016

\$0.01/Ton

Sale Appraised Value:

$\$210.00/\text{CCF} - \$202.19/\text{CCF} =$ **\$7.81/CCF**

$\$7.81/\text{CCF} * 4,244.2\text{CCF} =$ **\$33,147.20**

$\$0.01/\text{Ton} * 1,098 \text{ Tons} =$ **\$10.98**

Sale Total Value = \$33,158.18