

Special Forest Products Appraisal - Existing Product

R6 Version 50, 2/12/2013

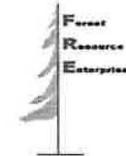
Data Input

Forest (select):	Willamette	District:	Middle Fork	Date:	6/4/2014
Purchaser or sale name...					
Jims Creek Commerical Firewood					
Product (select):	Firewood-mixed species	Quantity:	150.0	(Cord)	Appraiser: Matt Wiebe

Cost and Value Calculations

Special Forest Product	Product UOM	F.M.V. \$/Cord	Harvest Cost \$/Cord	RBF \$/Cord	Other \$/Cord	Total Cost \$/Cord	Tentative \$/Cord	Appraised \$/Cord
Firewood-mixed species	Cord	\$80.00	\$78.25	\$8.00		\$86.25	(\$6.25)	\$5.00

Appraised Value	Program Charge	Total Value	Total \$/Cord
\$750.00		\$750.00	\$5.00



We believe that this appraisal underestimates the F.M.V. of firewood therefore our minimum bid rates per cord are increased to \$10.00/cord or \$7.82/CCF to match our personal use permit fees.

Measurements

The lengths, widths and heights of the firewood piles were measured in feet on the ground. These measurements were made based on the utilization standards on page 1 of the contract. The measurements were then multiplied together to get cubic feet. The total was then divided by 128 cubic feet because there are 128 cubic feet per cord. This number of cords was then multiplied by .556 to account for air space between the logs. This is a number that is used on commercial firewood sales on the Deschutes National Forest. The measurements are as follows.

Pile 1

Length 110' Width 15' Height 7'

$$110 \times 15 \times 7 = 11,550$$

$$11,550 / 128 = 90.23 \text{ cords}$$

Pile 2

Length 180' Width 16' Height 8'

$$180 \times 16 \times 8 = 23,040$$

$$23,040 / 128 = 180 \text{ cords}$$

$$180 + 90.23 = 270.23$$

$$270.23 \times .556 = 150.24788 \text{ cords}$$

150 Cords

$$1 \text{ Cord} = 1.28 \text{ CCF}$$

$$150 \text{ Cords} = 192 \text{ CCF}$$