

2450

NORTHERN REGION - R-1

FOREST = 14 - Kootenai \*

DISTRICT 05 - Libby \*

Expiration Date = April 1, 2015

V14.1

TIMBER SALE AND  
TRANSACTION EVIDENCE  
APPRAISAL REPORT

Select Contract Type

Bad Badger  
(SALE NAME)

TIM # 14505

TYPE 6 - Contract Form 2400-6 UOM TON

Prepared by (Signature)

(Date)

Prepared by (Signature)

(Date)

Reviewed by (Signature)

(Date)

Recommended by (Signature)

(Date)

All attached documents and specifications for this timber sale have been completed in accordance with regulations at 36 CFR, Part 223, Subpart B, and the applicable Forest Service Manual and Handbook requirements and standards related to timber sales. Furthermore, the environmental documentation and NEPA decision have been reviewed; no significant new information or changed circumstances relating to the environmental impacts of this proposed action exist that require a correction, supplement, or revision to the documentation or decision; and implementation (advertisement) should continue.

Certification Reports for Gates 3 and 4 from TIM are attached to this timber sale report.

Timber Sale Final Package Approved By:

(Date)

**TIMBER SALE INFORMATION**

TIM, Gate 3, Create Timber Sale (Prep101)

**Sale Area Description:**

Primary County Name (FIPS Code):

053 - Lincoln \*

Sale Area Legal Description (short T & R):

T31N, R29W

Sale Area Legal Description (long):

Portions of sections 23, 25, 26, and 27; T31N, R29W; Lincoln County, MT, PMM

*The format that the description is entered here and inputted to TIM is exactly the way it will print out in the Contract, Ad and prospectus at Gate 4.*

Compartment (s):

61

**Environmental Documentation:**

Project Association: List NEPA Project(s) that approved the timber sale.

<u>NEPA Document Name</u>	<u>Percentage of Sale Volume (CCF)</u>
East Reservoir EIS	100

*The above NEPA Document(s) shall be included in the Prospectus, General Narrative, TIM Gate 4 - Prospectus (ADVR115). Include the following statement in the Prospectus: The environmental document(s) that approved this sale: \_\_\_\_\_*

Briefly describe additions or changes made to project design during timber sale preparation.

N/A

**TSPIRS INFORMATION, SALE OBJECTIVES**

**TIM, Gate 3, Create Timber Sale (Prep101)**

Purpose (TIM -PREP101)

Activity

% of Sale Volume - CCF (TIM - PREP101)

TC - Timber Commodity Purpose	*
	*
	*

01 - Timber Purpose	*
	*
	*

100

**KOOTENAI SALE PURPOSE CODING INSTRUCTIONS**

www.fs.fed.us/im/directives/fsh/2409.18/2409.18\_20.doc

Type of sale

Sale Purpose Code

Management Areas

All suitable MA's (MA 11,12,14,15,16,17) TC/01 All sawtimber, non-sawtimber and fuelwood sales on all contract forms including permits.

Non suitable MA's FS/\_\_\_ All sawtimber sales, select the most appropriate activity based on documented sale purpose.

*In the absence of documented sale purpose reasons for nonsuitable MA'S, the following codes, based on stated goals and objectives in the Forest Plan, will be used.*

MA 3, 5, 19	FS/10	General salvage
MA 6	FS/20	Hazard tree removal
MA 10	FS/30	Wildlife Habitat Improvement
MA 18	FS/90	Test Regen Techniques

**Percentage:** The percentage distribution will be 100% EXCEPT when an individual sale includes a mix of suitable and nonsuitable MA's. In this circumstance, the percentage split between TC and FS coding will be based on the sawtimber volume in the MA's. DO NOT distribute the percentage for nonchargeable product volume that may be included on sawtimber sales in suitable MA's. Code these as 100% TC/01.

Convertible product permits and non timber commercial sale contracts or permits. FS/70/100% Commercial sale of post, poles, Christmas trees, mushrooms, etc.

Firewood or Christmas Permits PP/80/100% Intent is personal use.

**SALVAGE SALE FUND INFORMATION**

TIM, Gate 4, Salvage Sale Fund Plan (ADVR112)  
Reference to FSH 2409.19 - 71.12 - for assistance with SSF collections  
[https://fs.usda.gov/FSI\\_Directives/wo\\_2409.19\\_70.doc](https://fs.usda.gov/FSI_Directives/wo_2409.19_70.doc)

**SSF Silviculture Treatment Type (Pick one)**

Salvage Component with Sanitation, Stand Improvement, or Regeneration \*  
(Use for all other sales - stand(s) that include a salvage component)

SSF Volume (CCF):   % of total volume

**FUNDING SOURCE**

Funding Source (button on tool bar) - From STAT102

Sale Preparation Funding Source —SSSS (Salvage Fund) %

(Contact SO for percentage to enter into Funding Source form. Funding Source percentage must be equal to or less than % of salvage in the SSF Plan.)

**CRUISE INFORMATION**

CRUISE: #

CHECK CRUISE:

Date of Cruise

Date of Check:

Cruisers:

Cruisers:

Method:

Results:

SE%:

Method of determining ROW volume:

Basis for Percent Defect:





APPRAISAL CCF TO TON WORKSHEET

SAWTIMBER - CCF

Species	Defect %	Net Volume	Total Additional	Total Net	Tons Per CCF	Total Tons
AF	0	0	0	0	2.4735	0
C	0	0	0	0	2.3540	0
DF	6	533	0	533	3.0160	1608
GF	0	0	0	0	3.1275	0
H	0	0	0	0	3.2425	0
L	8	1625	0	1625	3.1935	5189
LP	0	0	0	0	3.0210	0
PP	0	0	0	0	3.2230	0
S	0	0	0	0	2.7040	0
WP	0	0	0	0	3.2230	0
<b>TOTAL =</b>	<b>8</b>	<b>2158</b>	<b>0</b>	<b>2158</b>	<b>3.1497</b>	<b>6797</b>

Net MBF/CCF Ratio For  
Sawtimber From NCS  
Report CS1 **.51082**

TIM Conversion	Prep 105 Factors
MBF	CCF
.16220	.31750

NON-SAWTIMBER - CCF

Species	Net Volume	Additional Non-Saw	Total Net	Tons Per CCF	Total Tons
AF	0		0	2.3340	0
C	0		0	2.1400	0
DF	147		147	2.7885	410
GF	0		0	2.9470	0
H	0		0	3.0590	0
L	377		377	3.0785	1161
LP	0		0	3.0200	0
PP	0		0	3.1510	0
S	0		0	2.6330	0
WP	0		0	3.1500	0
<b>TOTAL =</b>	<b>524</b>	<b>0</b>	<b>524</b>	<b>2.9981</b>	<b>1571</b>

**0%** %Dead

Net MBF/CCF Ratio For  
Non-Sawtimber From NCS  
Report CS1 **.57073**

TIM Conversion	Prep 105 Factors
MBF	CCF
.19030	.33350

<b>TOTALS =</b>	<u>Gross</u> 0	<u>Net</u> 2682	<u>Tons</u> 8368
-----------------	-------------------	--------------------	---------------------

APPRAISAL SUMMARY

CONTRACT VOLUME (CCF)	<u>2682</u>
APPRAISAL VOLUME (CCF)	<u>2158</u>
CONTRACT VOLUME (TONS)	<u>8368</u> (Note: Total Tons to be used for Rd. Maintenance Appr.)
WTD TONS/CCF	<u>3.1200</u>

**LOGGING METHOD SUMMARY**

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	Horse	TOTAL	Swing Not Included in Totals
Acres	267	0	0	0	0	0	267	0
Volume	2158	0	0	0	0	0	2158	0
AEYD	589	0	0	0	0	0		
% Acres	100%	0%	0%	0%	0%	0%		
% Vol	100%	0%	0%	0%	0%	0%		

**HARVEST METHOD SUMMARY**

	ClearCut	Seed Tree	Shelter Wood	Final Seed Tree	Intermed	Final Shelter wood	Selection	TOTAL
Acres	0	0	77	0	345	0	0	422
Volume	0	0	997	0	1868	0	0	2865
% Acres	0%	0%	18%	0%	82%	0%	0%	
% Vol	0%	0%	35%	0%	65%	0%	0%	

**ASSIGN CONTRACT SPECIES**

TIM Gate 3 - Prep 105

**Contract Species Association**

Contract species shall be grouped to reflect differences in utilization and/or how species shall be grouped in A(T) 2 of the Timber Sale Contract.

All Non-sawtimber shall be grouped as Combined Softwood (CS) under Contract Species

**UTILIZATION STANDARDS**

TIM Gate 4 - Contract Prep Information ADVR114

Fill out Minimum Specifications below to reflect how sawtimber & non-sawtimber were cruised.

From the list below select the description of non-sawtimber products that reflect how the products were cruised and input in NCS.

The description below is to be included in A(T)2 of timber sale. (Refer to non-sawtimber appraisal guide for more details & instructions).

Contract Species	Full Name for Contract	Conversion Factors (only applicable to weight scale sales)		Minimum Specifications					
		(Enter from Species Volume Summary)		DBH	Number of Pieces	Length	DIB	Merch. Factor	
		MBF	CCF						
<input checked="" type="checkbox"/>	Live and Dead	Larch and Other	0.1622	0.3175	7	1	8.0	5.6	10.67
					0	0	0.0	0	0
					0	0	0.0	0	0
<input checked="" type="checkbox"/>	CS		0.1903	0.3335	4	1	8.0	2.5	N/A
<input type="checkbox"/>	C14	Cedar Products - Net Merch. Factor - Refer to C(T)6.804#			0	0	0.0	0	0

**Select Non-Sawtimber Products description from the following:**

Non-Sawtimber products include (C(T)2.2): Primary product includes all trees 4.0" to 6.9" DBH (less than minimum Sawtimber specifications shown in A(T)2); secondary product include tops of Sawtimber trees less than diameter inside bark at small end shown in A(T)2; and all trees not meeting minimum Sawtimber specifications but containing at least 50% pulvable woodfiber in terms of gross cubic volume. (C(T)6.801)

Non-Sawtimber products include (C(T)2.2): secondary product which are the tops of Sawtimber trees less than diameter inside bark small end shown in A(T)2; and any portion of a Sawtimber tree not meeting minimum Sawtimber specifications shown in A(T)2 but containing at least 50% pulvable woodfiber in terms of gross cubic volume (C(T)6.801).

Non-Sawtimber products include (C(T)2.2): secondary product which is the top portion of Sawtimber trees less than diameter inside bark small end shown in A(T)2 and containing at least 50% pulvable woodfiber in terms of gross cubic volume (C(T)6.801).

Non-Sawtimber products include (C(T)2.2): Primary product includes all trees X.X" to 6.9" DBH (less than minimum Sawtimber specifications shown in A(T)2) and secondary product which are tops of Sawtimber trees less than diameter inside bark at small end shown in A(T)2 and containing at least 50% pulvable woodfiber in terms of gross cubic volume (C(T)6.801).

Non-Sawtimber products include (C(T)2.2): Primary product includes all trees X.X" to 6.9" DBH (less than minimum Sawtimber specifications shown in A(T)2) and containing at least 50% pulvable woodfiber





**NON-SAWTIMBER ADJUSTMENTS**

Appraisal Point: Bonners Ferry, Id

**DATA INPUT**

Delivered Log Price (\$/Ton, Nonsawtimber material)	25.00		
Total Nonsawtimber Volume (CCF) (Primary + Secondary)	524		
Total Nonsawtimber Volume (Tons) (Primary + Secondary)	1,571		
Tons / CCF for nonsawtimber material	3.00	0.00	Adjustment
Total Appraised Sawlog Volume (CCF)	2,158		
Total One Way Weighted Haul Miles	80	10	Adjustment

Logging System	All Ground Based	All Cable	Forwarder
Nonsawtimber Primary Product (CCF)	243		
Net MBF / Acre Harvested for nonsawtimber primary product	0.5	0.0	0.0
Average DBH Harvested for nonsawtimber primary product	4.7	0.0	0.0
Average Yarding Distance (Feet)	589	0	0
Nonsawtimber Primary Product (Tons)	729	0	0
Net Tons / Acre Harvested for nonsawtimber primary product	1.6	0.0	0.0

<b>Nonsawtimber Adjustment</b>	
Final Nonsawtimber Value (\$/CCF) A positive number is a negative value.	-4.53
Final Nonsawtimber Adjustment to enter into TE appraisal program (\$/CCF)	4.53

**RIGHTS - OF - WAY**

*(Include Cost share Agreements)*

Road Name	Road #	Length	Type of Agreement	Agreement with (Names)

**ROAD MAINTENANCE**

*(From Road Maintenance Appraisal Summary, sheets are attached)*

**Contract Rates**

<b>Total Performance Recurrent Maintenance (Part A)</b>	<b>\$/CCF</b>	<b>\$/TON</b>	
C(T)5.31 - Recurrent Maintenance	\$3.20	\$1.03	
C(T)5.312 - Reconditioning	\$7.00	\$2.24	
<b>Total Performance (Part A)</b>	<b>\$10.20</b>	<b>\$3.27</b>	( A )
<b>Total Required Deposits (Recurrent and Deferred) (Part B)</b>			Recurrent
<small>(Enter appropriate rate in TIM - Gate 4 - Road Maint. Plan - ADVR105)</small>	\$1.03	\$0.33	Deferred
C(T)5.32# - Total Required Deposits (Part B)	\$1.03	\$0.33	( B )
C(T)5.314 - Total Dust Abatement (Part C)	\$3.57	\$1.14	( C )
<b>TOTAL MAINTENANCE COST (Parts A-B-C)</b>	<b>\$14.80</b>	<b>\$4.74</b>	

**Appraisal Rates**

*(Entries for 2400 - 17)*

<b>Total Required Deposits</b>	<b>\$ 1.28</b>	<b>CCF</b>
<b>Total Road Maintenance Costs (Performance + Deposits)</b>	<b>\$ 18.39</b>	<b>CCF</b>

*Refer to Road Maintenance Appraisal for Road Reconditioning cost per road segment.  
(Attach worksheets with road costs)*

**Specified Road Construction**

**LOGGING METHOD SUMMARY**

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	TOTAL
Acres	267	0	0	0	0	267
Volume	2158	0	0	0	0	2158
EYD	589	0	0	0	0	

**IDENTIFY FACILITIES (ADVR102)**

Attach completed "IDENTIFY FACILITIES FORM"

O:\NFS\Kootenai\Program\2400TimberMgmt\SO\2420TimberAppraisals\TIMBER SALE REPORT

Check Box if accomplishing road construction or re-construction work under timber sale.

Appraisal information required for the 2400-17 report is to be summarized from the Identify Facilities

**SPECIFIED ROAD COST**

	Miles	Total Cost
Construction	0.0	\$0
Reconstruction		
<b>Total Cost</b>	<b>\$0</b>	<b>\$0.00</b> / CCF

**BASE RATE ADJUSTMENT FOR REGENERATION COST**

Total Required Regeneration Costs - FACTS Line 21 Remarks \$56,321.00  
 (Subtotal for Required Reforestation with National Program Support Cost Included)

**Note:** Base Rates may be raised for regeneration on only the Sawtimber component for green sales or % of Live Sawtimber on Salvage sales. In previously partial cut stands that are to be regenerated, protected regeneration cost shall be proportionate to remaining volume in the sale.

Sale Volume ( ALL Vol./Products) 2,682 CCF X \$0.25 (NFF) \$670.50  
 Select Either (a) or (b) % Sawtimber

(A) Green Sale - Required Regen Cost \$ 100% Sawtimber Vol. = \$56,321.00 (d) 80%  
 (B) Salvage Sales enter % Live Sawtimber Volume; Partial Cut  
 Stands enter % Volume remaining. Total: \$56,991.50 (a)

Species Groups	Minimum Rates 1/		Base Rates 2/	
	Volume (CCF)	Per CCF	Total	Per CCF
WP, PP, C	0	\$5.00	\$0.00	0
All other species (list)	2158	\$3.00	\$6,474.00	\$26.17
Nonsawtimber (all species)	524	\$1.00	\$524.00	\$1.00
<b>TOTALS</b>	<b>2682</b>	<b>XXXXXX</b>	<b>\$6,998.00</b>	<b>XXXXXX</b>
Sawtimber (Appraisal) Volume	2158			\$3.00
Weighted Average Minimum Rate				

(a) - (b) = (c) amount need in addition to base rates (plus \$.25/CCF) \$49,993.50 (c)

Note: If minimum rate total (b) => (a) no adjustment needed

Adjustment To Minimum Rate:  
 \$ 49,993.50 / (Total Sawtimber Volume) CCF = \$ 23.17 / CCF

1/ Minimum rates: FSH 2409.22, Chp 80, Sect. 81  
 (Base rates for Sawtimber can be weighted if appraising and advertising as a single species group (DF, O))

2/ Minimum rate + adjustment = Base Rate

**FACTS INFORMATION**  
 (Enter Sale Information - SAIP-100)

Amount of Stumpage Available for Protected KV at Base Rates = \$56,321.00  
 ( The only stumpage available for KV at advertised rates is when KV is protected by base rates)



## EROSION CONTROL

Seed mix is to be included in C(T)6.601# - Erosion Control Seeding and Special Project Specifications (SPS) 625.05 in Road Package.

*Make sure that the seed mix and fertilizer are the same in both Contract and Road Package.*

Site specific areas, such as gravel pits and very dry sites may call for more and/or different species in the mix. Document below the rationale for deviation from the standard seed mix.

Species of Seed	Pounds per Acre
-----------------	-----------------

Winter Wheat	18
Hard Fescue	6
Orchard Grass	6

<b>TOTAL</b>	<b>30</b>
--------------	-----------

Type of Fertilizer	Pounds per Acre
--------------------	-----------------

25-10-10 or 27-12-12 or 34-16-10	240
----------------------------------	-----

<b>TOTAL</b>	<b>240</b>
--------------	------------

### Crossdrains

Installation of crossdrains on temporary roads, skid trails and firelines are included in their respective cost allowance.

### Scarification - Landings and Skid Trails ONLY

acres @  per acre =

### Seed and Fertilizer

If Temp Road seeding is not included in Temp Road worksheet then enter here

Temporary Roads  feet =  acres  
 Firelines  feet =  acres

### Skid Trails

Number of acres to be skidded using ground based systems times the percentage of area requiring seed and fertilizer.  acres X  % =  acres

Number of acres to be yarded using cable systems times the percentage of area requiring seed and fertilizer.  acres X  % =  acres

### Landings

Number of landings  X  acres per landing =  acres

**TOTAL**  acres

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	Horse
Acres	267	0	0	0	0	0

**Seed mix, fert., labor costs:**

	<u>Lbs / Acre</u>		<u>\$ / Lb</u>	=	<u>\$ per Acre</u>
Winter Wheat	18	X	\$2.00	=	\$36.00
Hard Fescue	6	X	\$2.00	=	\$12.00
Orchard Grass	6	X	\$2.00	=	\$12.00
0	0	X		=	\$0.00
0	0	X		=	\$0.00
Fertilizer	240	X	\$0.20	=	\$48.00
*Labor per Acre				=	\$150.00

\$ per acre **\$258.00**

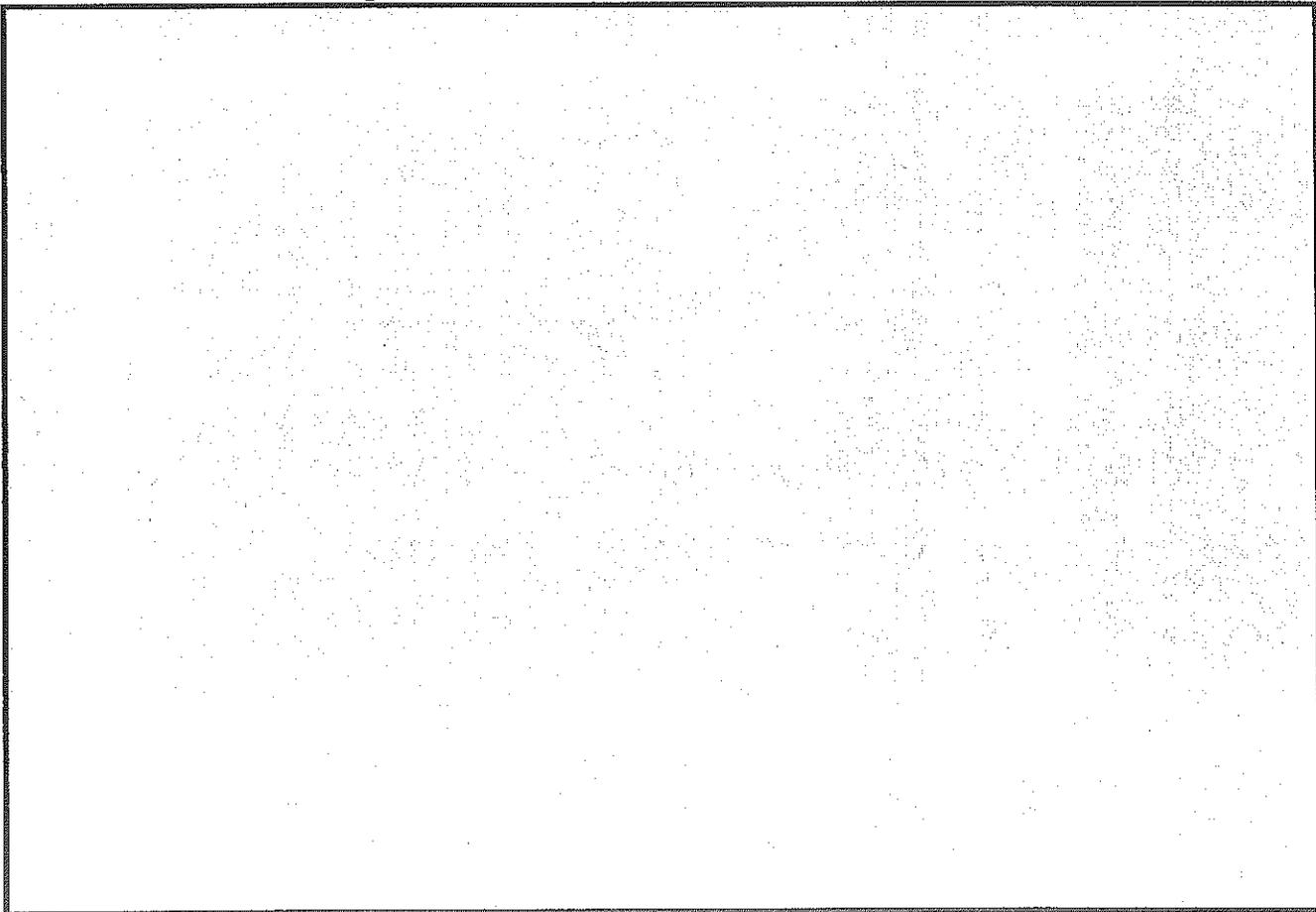
**Total cost for**

SEEDING	<b>13.7</b>	acres X	<b>\$60.00</b>	\$/acre =	<b>\$822.00</b>
FERTILIZER	<b>13.7</b>	acres X	<b>\$48.00</b>	\$/acre =	<b>\$657.60</b>
LABOR	<b>13.7</b>	acres X	<b>\$150.00</b>	\$/acre =	<b>\$2,055.00</b>
SCARIFICATION					<b>\$0.00</b>
<b>TOTAL</b>					<b>\$3,534.60</b>

**\$3,534.60** COST / **2158** CCF = **\$1.64** PER CCF

\* Engineers estimate Page 114 of the Cost Guide Item Labor Rates.

**Document Rational for Changes to Standard Seed Mix.**



OTHER CONTRACTUAL REQUIREMENTS (A)

**Other - Include Contractual Obligations Requiring Performance Bond Coverage  
(Road closure, Barriers, Trail Restoration, etc.)**

ITEM	#	X	COST	=	TOT COST
Earth barrier removal	1	X	\$50.00 per EB	=	\$50.00
Earth barrier replacment	1	X	\$50.00 per EB	=	\$50.00
Temp Barrier - Wooden	1	X	\$200.00 per WB	=	\$200.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00

**\$300.00** Cost / **2158** CCF = **\$0.14** CCF

**Subtotal Other Contractual Requirements ( A )** = **\$0.14** CCF

**OTHER CONTRACTUAL REQUIREMENTS (B)**

The cost allowance for herbicide application has been based on the following assumptions; 300 gallon sprayer with herbicide injectors (not tank mixed); 20 gallon of carrier/ac; one trip will be required for each herbicide per road; labor rate and production includes mix, loading, cleanup and daily documentation; misc. expenses include equipment maintenance and depreciation, herbicide storage and handling and licensing fees. One mile of road with an average ROW of 30 feet is equal to 3.6 acres. Herbicides approved for use are listed in C(T)6.27# under Technical Spraying Specifications.

<u>Herbicide</u> (Common name)	<u>Application Rate oz</u> per acre	<u>Cost</u> Per oz	<u>Cost per</u> <u>UOM</u>
Aminopyralid	7	\$2.33	\$58.72 mile
		\$0.00	\$0.00 mile
		\$0.00	\$0.00 mile
		\$0.00	\$0.00 mile

Price quote for herbicide obtained from: Wilbur Ellis

<b>Sufactant &amp; Dye</b> .32 oz/gal H2O	<b>\$0.68/acre = \$2.45/ mile</b>
<b>Labor Rate</b>	<b>\$40/ hour (2 Miles per hour)</b>

Miles of road to be sprayed: 8.5 miles

<u>Herbicide to be applied:</u>	<u>Miles</u>	<u>\$ UOM</u>	<u>Tot Cost</u>
<b>Aminopyralid</b>	8.5	\$58.72	\$499.12
		\$0.00	\$0.00
		\$0.00	\$0.00
		\$0.00	\$0.00

Sufactant & dye:	8.5	\$2.45	\$20.83
Application Cost (Labor):	8.5	\$20.00	\$170.00
Misc. Expensense:	8.5	\$32.00	\$272.00

**TOTAL WEED TREATMENT:** \$961.95 cost / 2158 CCF = \$0.45 CCF

**ON-SITE EQUIPMENT WASHING C(T)6.351#**

*Cost allowance for washing off-road equipment Prior To Leaving locations identified in EIS/EA*

Number (pieces of equipment)	<span style="border: 1px solid black; padding: 2px;"> </span>	Number of seasons	<span style="border: 1px solid black; padding: 2px;"> </span>
Cleaning costs per piece	\$0.00	CCF	<span style="border: 1px solid black; padding: 2px;">2158</span>

**Total cost for washing equipment per CCF** \$0.00 CCF

**Subtotal Other Contractual Requirements (B)** \$0.45 CCF

**MISCELLANEOUS CONTRACTUAL REQUIREMENTS (C)**

*(Contractual Obligations That Would Not Require Coverage Under The Performance Bond)*

**Stump Shoveling** (Not required under normal operating/winter conditions. Include if clippers not allowed)

# stumps X  \$0.00 per stump =  \$0.00

\$0.00 Cost /  2158 CCF =  \$0.00 CCF

**Snow Plowing**

# miles X  per mile X  # plowings =  \$0.00

\$0.00 Cost /  2158 CCF =  \$0.00 CCF

**Miscellaneous: (Helicopter Landing Construction, Traffic Control etc...)**

ITEM	#	X	COST	=	TOT COST
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00

\$0.00 Cost /  2158 CCF =  \$0.00 CCF

**Subtotal Miscellaneous Contractual Requirements ( C )**  \$0.00 CCF

<b>Total Other Contractual Requirements (A+B+C)</b>	<input type="text"/> \$0.59 CCF
<b>Brush Disposal (Purchaser and FS)</b>	<input type="text"/> \$14.53 CCF
<b>Total Environmental Protection Cost</b>	<input type="text"/> \$15.12 CCF

TEMPORARY ROADS

0.00 Miles

Temporary Road #1

0

Cost \$

\$0.00

Temporary Road #2

0

Cost \$

\$0.00

Temporary Road #3

0

Cost \$

\$0.00

Temporary Road #4

0

Cost \$

\$0.00

Temporary Road #5

0

Cost \$

\$0.00

TOTAL TEMPORARY ROAD COST =  
(Total Temporary Development Costs)

\$0.00

\$0.00 Cost \$ / 2158 CCF = \$0.00 CCF

Cost Guide for Temporary Roads

[http://www.fs.usda.gov/Internet/FSE\\_DOCUMENTS/stelprdb5279261.pdf](http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5279261.pdf)

Temporary Road Seeding, Fertilizing and Obliteration Costs per CCF

\$0.00

UNUSUAL CONDITION ADJUSTMENTS

[Empty box for Unusual Condition Adjustments]

Cost \$ / 2158 CCF = \$0.00 CCF

**TIMBER SALE CONTRACT INFORMATION**

**Tim Gate 4 - Contract Preparation Information (ADVR114)**

**Normal Operating Season**

ADVR114, Page

Units

First Period :  to

Second Period:  to

*(Note: If sale has more than one NOS - List dates and units for each in A16 or AT13 of Timber Sale Contract)*

**Periodic Payment Schedule**

Approximate Award Date:  mm/dd/yy

*(And Road Completion Date if roads are included.)*

Road Completion Date:  mm/dd/yy  
*(ENTER N/A if no roads)*

Contract Termination Date:  mm/dd/yy

TIM - Input at Gate 4 - Prospectus, Bid and Misc. Information - Page 1 (ADVR115)

Approximate Payment Date:

**Include the following statement in the Prospectus for sales without a road completion date.**

*As per B(T) 4.213, Periodic Payment Schedule, a periodic payment will be required. The approximate periodic payment date is XXXX. The final date will be based on the award date of this timber sale contract.*

**FIRE LIABILITY CALCULATION (ADVR114, Page 4)**

5 CCF / man day --- 120 operating days / year --- 600 CCF / man year --- 12 hrs / shift --- 5 shifts / \ AD-C Firefighter wage is updated yearly, ~March (FSH 5109.34 Chp 10). Link below to directive.

- (A) Total Volume =  CCF
- (B) Sale Duration =  YEARS (Calculated from Award Date to Termination Date)
- (C) Operating Days in Sale =  (Sale Duration X 120 days.)
- (D) CCF Per Day =  (Total Volume / Operating Days in Sale)
- (E) Men Needed to Log Sale =  (CCF Per Day / 5 CCF)
- (F) Liability =  (Wage Rate AD  (hrs/shift) X  (# shifts) X

[http://www.fs.fed.us/r1/fire/nrcg/Committees/business\\_commi](http://www.fs.fed.us/r1/fire/nrcg/Committees/business_commi)

(# men) = TOTAL LIABILITY =

Round up to nearest \$50.00 up to \$200.00, then round up to nearest \$100.00

**ROUNDED TOTAL =**

When sale is entered through TIM, Bid Guarantee is calculated and auto-filled during completion of Gate 4 -Prospectus, Bid and Misc. Information - Page 1- (ADVR115)

**MINIMUM PERFORMANCE BOND:**

*TIM Gate 4 - Prospectus, Bid and Misc. Information - Page 3 - (ADVR115)*

The greater of (A) or (B) rounded UP to nearest \$100.00 if sale is under \$10,000.00 stumpage value and up to nearest \$1,000.00 if sale is over \$10,000 stumpage value.

(A) Advertised Value  $\boxed{\$56,999}$  X 10% =  $\boxed{\$5,700}$   
 Rounded 10% Advertised Value =  $\boxed{\$6,000}$  (A)

(B) Purchaser requirements (Performance) - Based on number of seasons.

Road Maintenance =	$\boxed{\$3.20}$	CCF
Erosion =	$\boxed{\$1.64}$	CCF
Brush Disposal =	$\boxed{\$9.93}$	CCF
Other =	$\boxed{\$0.59}$	CCF
Total =	$\boxed{\$15.36}$	CCF

Total Purchaser Requirements =  $\boxed{\$15.36}$  X Tot Vol  $\boxed{2158}$  CCF =  $\boxed{\$33,147}$  Tot Value

divided by  $\boxed{3}$  # Seasons =  $\boxed{\$11,049}$  Performance Bond Value

Rounded Performance Bond Value =  $\boxed{\$12,000}$  (B)

**MINIMUM PERFORMANCE BOND**  $\boxed{\$12,000}$