1-Jul-11

2450
NORTHERN REGION - R-1
FOREST = **14 - Kootenai** * **DISTRICT** **04 - Three Rivers** *
Expiration Date = April 1, 2012
V11.1

TIMBER SALE AND TRANSACTION EVIDENCE APPRAISAL REPORT

Artillery Pine
Select Contract Type (SALE NAME)

TIM # **12402**

TYPE **6 - Contract Form 2400-6** **UOM** **TON**

Prepared by (Signature) (Date)

Prepared by (Signature) (Date)

Approved by District Ranger (Date)

Reviewed 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, R33W, PMM

Sale Area Legal Description (long):

Portions of Sections 8, 4, and 9, T31N, R33W, Lincoln County, State of Montana, 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): 54

Environmental Documentation:

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

NEPA Document Name	Percentage of Sale Volume (CCF)
Artillery Pine CE	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.

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

Management Areas	Sale Purpose Code	Type of sale
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 2409.18 - 52.45a - for assitance with SSF collections

http://fsweb.wo.fs.fed.us/directives/fsh/2409.18/

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): 307 **87%** **% of total volume**

FUNDING SOURCE

Funding Source (button on tool bar) - From STAT102

Sale Preparation Funding Source ---SSSS **(Salvage Fund) %** **0%**

(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: # 12402 CHECK CRUISE:

Date of Cruise 9/22/2011 Date of Check:

Cruisers: ES, ML Cruisers:

Method: ST Results:

SE%: 19.69

Method of determining ROW volume:

N/A

Basis for Percent Defect:

SEEN DEFECT PLUS ADDITIONAL CULL AND BREAKAGE.

TOTAL CF VOLUME BY UNIT --- NCS REPORT

Unit #	Acres	Sawtimber	CCF	Non-Saw	CCF
ROW units need to be entered last					
1	43	26058	261	9193	92

NET MBF/CCF Ratio from NCS Report CS1

Sawtimber (Product 01): 0.4817

Non-Saw (Product 08): 0.6280

		Sawtimber		Non-Saw	
		26058		9193	
TOTAL SALE UNIT VOLUME (CCF)		261 (Sheet 1)	261 (Sheet 1&2)	92 (Sheet 1)	92 (Sheet 1&2)

TOTAL SALE CF VOLUME BY SPECIES --- NCS REPORT (R101)

Species	Saw	Rounded	%Defect	Av. DBH	Logs/Unit	NCS REPORT (UC5) Non-Saw	Rounded
AF		0					0
C		0					0
DF	391	4	29	9.7	30.5	197	2
GF	1191	12	14	10.8	18.2	722	7
H	147	1	14	9.2	24.7	42	0
L		0					0
LP	3986	40	18	8.9	23.5	3944	39
PP	20344	204	16	11.4	18.2	4289	44
S		0					0
WP		0					0
	26059					9194	
TOTAL VOLUME		261 CCF					92 CCF

ROUNDED VOLUME IS THE DIFERENCE BETWEEN UNIT VOLUME AND SPECIES VOLUME (AFTER ROUNDING TO CCF) ADDED TO THE SPECIES WITH THE LARGEST VOLUME

		CUTTING UNIT DESCRIPTION (TIM GATE 3 - PREP 104)							VOLUME - DIRECT ENTRY (TIM GATE 3 - PREP 103)			
		Cruise	Appraisal	ROW	Logging	Harvest	Land Suit		Unit Volume CCF		Yield Component	
Unit #	P.U.#	Unit Acres	Unit Acres	Acres	Method	Method	Class	MA	Saw+Add	Non-Saw	CL	NL
ROW units need to be entered last												
1	1	43	43		420	232	500	11	261	92	353	
Totals Sheet 1		**43**	**43**	**0**					**261**	**92**	**353**	**0**

Total Sale Area:	**43**	Sale Area Acres	Total Sawtimber	(Sheet 1)	**261** **CCF**
Total Cutting Area:	**43**	Acres	Total Saw + Non-Saw	(Sheet 1)	**353** **CCF**
	(Sheet 1)				

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	2.65	0		
C	0	0	0	0	2.15	0		
DF	29	4	0	4	3.00	12		
GF	14	12	0	12	3.25	39		
H	14	1	0	1	3.40	3		Net MBF/CCF Ratio For Sawtimber From NCS Report CS1: 0.4817
L	0	0	0	0	3.15	0		
LP	18	40	0	40	2.80	112		
PP	16	204	0	204	3.30	673		
S	0	0	0	0	2.80	0		TIM Conversion: MBF 0.1499 / Prep 105 Factors: CCF 0.3111
WP	0	0	0	0	2.60	0		
TOTAL =	16	261	0	261		839	=	

NON-SAWTIMBER - CCF

Species	Net Volume	Additional Non-Saw	Total Net	Tons Per CCF	Total Tons		
AF	0		0	2.65	0		
C	0		0	2.15	0		
DF	2		2	3.00	6		
GF	7		7	3.25	23		
H	0		0	3.40	0		Net MBF/CCF Ratio For Non-Sawtimber From NCS Report CS1: 0.6280
L	0		0	3.15	0		
LP	39		39	2.80	109		
PP	44		44	3.30	145		
S	0		0	2.80	0		TIM Conversion: MBF 0.2042 / Prep 105 Factors: CCF 0.3251
WP	0		0	2.60	0		
TOTAL =	92	0	92		283	=	

	Gross	Net	Tons
TOTALS =	0	353	1122

APPRAISAL SUMMARY

CONTRACT VOLUME (CCF)	353
APPRAISAL VOLUME (CCF)	261
CONTRACT VOLUME (TONS)	1122 (Note: Total Tons to be used for Rd. Maintenance Appr.)
WTD TONS/CCF	3.18

ASSIGN CONTRACT SPECIES
TIM Gate 3 - Prep 105

Contract Species Association

Contract species need to 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 reflects 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) (Enter from Species Volume Summary)		Minimum Specifications				
☑	(Major Species Group)		MBF	CCF	DBH	Number of Pieces	Length	DIB	Merch. Factor
☑	PP	Live and Dead	0.1499	0.3111	7	1	8.0	5.6	10.67
☑	CS	Live and Dead	0.2042	0.3251	4	1	8.0	2.5	50
☐	C14	Cedar Products - Net Merch. Factor - Refer to C(T)6.804#							

Select Non-Sawtimber Products description from the following:

Check a box

☑ 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% pulpable 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% pulpable 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% pulpable 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% pulpable 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 lest 50% pulpable woodfiber in terms of gross cubic volume (C(T)6.801).

EXTERNAL YARDING DISTANCE

Unit #	Volume CCF	EYD Feet		% Slope
1	261	1200	To Calculate % Slope	10%
			Top Elevation	
			Bottom Elevation	
			EYD Distance (ft)	
			% Slope =	
			#DIV/0!	

Tractor			Forwarder			Helicopter			Ground Lead		
420	261	VOL	492	0	VOL	480	0	VOL	450	0	VOL
	1200	AVE EYD		0	AVE EYD		0	AVE EYD		0	AVE EYD

Skyline		
430	0	VOL
	0	AVE EYD

EXTERNAL YARDING DISTANCE

Unit #	Volume CCF	EYD Feet		% Slope
			To Calculate % Slope	
			Top Elevation	
				1500
			Bottom Elevation	
				1200
			EYD Distance (ft)	
				500
			% Slope =	
				60%

HAUL

Appraisal Point: Moyie **State** Idaho

Total Sawtimber Tributary Volume: 261

(The appraisal point is most advantageous when total transportation cost, including road work, are less than other appraisal points. Appraise to a mill where timber product can be processed. SBA Set Aside Sales are appraised the same way; not to the nearest SBA mill)

(Haul Appraisal for Sawtimber only. Non-Sawtimber included in Non-Sawtimber Adjustments)

WTD HAUL MILES

WTD Haul Note

Segment	Units	Segment Miles Paved	Segment Miles Unpaved	Sawtimber Trib Vol	WTD MILES
14309	1		0.1	261	0.10
4445	1		1	261	1.00
331	1		4.6	261	4.60
1200	1	3.3		261	3.30
US 2	1	22		261	22.00

WTD Total Paved Miles (Sheet 1) **25.3**

WTD Total Unpaved Miles (Sheet 1) **5.7**

WDT Total Miles (Sheet 1) **31.0**

NON-SAWTIMBER ADJUSTMENTS

DATA INPUT

Delivered Log Price ($/Ton, Nonsawtimber material)	$32.00		
Total Nonsawtimber Volume (CCF) (Primary + Secondary)	92		
Total Nonsawtimber Volume (Tons) (Primary + Secondary)	283		
Tons / CCF for nonsawtimber material	3.08	**0.00**	Adjustment
Total Appraised Sawlog Volume (CCF)	261		
Total One Way Weighted Haul Miles	39	**8**	Adjustment

Logging System	**All Ground Based**	**All Cable**	**Range of Data Input**
Nonsawtimber Primary Product (CCF)	49		
Net CCF / Acre Harvested for nonsawtimber primary product	4.0	4.0	*Not used in calculations*
Average DBH Harvested for nonsawtimber primary product	5.6		
Average Yarding Distance (Feet)	1,200	600	
Nonsawtimber Primary Product (Tons)	151	0	
Net Tons / Acre Harvested for nonsawtimber primary product	12.3	12.3	

Nonsawtimber Adjustment	
Final Nonsawtimber Value ($/CCF) A positive number is a negative value.	$7.28
Final Nonsawtimber Adjustment to enter into TE appraisal program ($/CCF)	-$7.28

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)

☐ Check Box to use Small Sale RM Rates.

(Small Sale Rates for Sales under 60 CCF)

☐ Check Box to use Small Sale RM Rates plus Koocanusa Bridge

Contract Rates

	$/CCF	$/TON	
Total Performance Recurrent Maintenance (Part A)			
C(T)5.31 - Recurrent Maintenance			
C(T)5.312 - Reconditioning			
Total Performance (Part A)	**$0.00**	**$0.00**	**(A)**
Total Required Deposits (Recurrent and Deferred) (Part B)			
(Enter appropriate rate in TIM - Gate 4 - Road Maint. Plan - ADVR105			
C(T)5.32# - Total Required Deposits (Part B)	$1.52	$0.24	**(B)**
C(T)5.314 - Total Dust Abatement (Part C)	$17.45	$5.44	**(C)**
TOTAL MAINTENANCE COST (Parts A-B-C)	**$18.97**	**$5.68**	

Appraisal Rates

(Entries for 2400 - 17)

Total Required Deposits	**$**	$2.05	**CCF**
Total Road Maintenance Costs (Performance + Deposits)	**$**	$25.54	**CCF**

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

LOGGING METHOD SUMMARY

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	TOTAL
Acres	43	0	0	0	0	**43**
Volume	261	0	0	0	0	**261**
EYD	1200	0	0	0	0	

IDENTIFY FACILITIES (ADVR102)

Attach completed "IDENTIFY FACILITIES FORM"
J:\fsfiles\office\resources\Timber\Appraisal_Contract\Appraisal

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

BASE RATE ADJUSTMENT FOR REGENERATION COST

Total Essential Regeneration Costs - Line 21 Remarks
(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) _____CCF X $0.25 (NFF)	**353**	$0.25	$88.25	
Select Either (a) or (b)				
(A) Green Sale - Essential Regeneration Cost $_ X _% Sawtimber =	$0.00	74%	$0.00	**(d)**
(B) Salvage Sales enter % Live Sawtimber Volume; Partial Cut		=		
Stands enter % Volume remaining.	**Total**:		$88.25	**(a)**

		Minimum Rates 1/		Base Rates 2/	
Species Groups	**Volume (CCF)**	**Per CCF**	**Total**	**Per CCF**	**Total**
WP, PP, C	204	$5.00	$1,020.00	$5.00	$1,020.00
All other species (list)	57	$3.00	$171.00	$3.00	$171.00
Nonsawtimber (all species)	92	$1.00	$92.00	$1.00	$92.00
TOTALS	**353**	**XXXXX**	**$1,283.00**	**XXXXX**	**$1,283.00**
			(b)		
Sawtimber (Appraisal) Volume	**261**				
		Weighted Average Minimum Rate		**$4.56**	

(a) - (b) = (c) amount need in addition to base rates (plus $.25/CCF) **-$1,194.75** **(c)**

Note: If minimum rate total (b) => (a) no adjustment needed → **No Adjustment**

Adjustment To Minimum Rate:
$_____ (c) / (Total Sawtimber Volume) CCF = $___/CCF

0	**261**	**$0.00**

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 - SAIP100)

Amount of Stumpage Availiable for Protected KV at Base Rates = **$0.00**
(The only stumpage availiable for KV at advertised rates is when KV is protected by base rates)

BRUSH DISPOSAL

From FACTS - Detailed Listing of BD and Purchaser Slash Treatment Activities

Appraisal Rates for 2400-17 (Applied to Sawtimber only)

Forest Service Rate (Fund Code BDBD)	$3,624.00 Total $	(a)	**$13.89**	CCF
Purchaser Rate (Fund Code PPPP)	$4,605.00 Total$	(b)	**$17.64**	CCF
	TOTAL: (a) + (b) =		**$31.53**	CCF

Contract Rates (Applied to All Products)

Forest Service Rate Per CCF (Fund Code BDBD)	**$10.27**	CCF
(Rate Per CCF Converted to Tons for Weight Scale Contracts)	**$3.23**	TON

Lump Sum BD Deposits for Weight Scaled Sales

Cutting Unit Number	Required Deposits
1	**$3,624.00**

Total Cost **$3,624.00**

(Sheet 1)

EROSION CONTROL

The following seed and fertilizer mix is the standard mix to be used on the Kootenai.
This mix is to be included in C(T)6.601# - Erosion Control Seeding and Special Project Specifications (SPS) 625.05 in the 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 rational for deviation from the standard seed mix.

Species of Seed	Pounds per Acre
Annual Rye or Winter Wheat	18
Hard Fescue	6
Orchard Grass	6
TOTAL	30

Type of Fertilizer	Pounds per Acre
25-10-10 or 27-12-12 or 34-16-10	240
TOTAL	240

Crossdrains

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

Scarification

_____ acres @ _____ per acre = **$0.00**

Seed and Fertilizer

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

Temporary Roads _____ feet = **0.0** **acres**
Firelines _____ feet = **0.0** **acres**

Skid Trails

Number of acres to be skidded using ground based systems times the percentage of area requiring seed and fertilizer. 43 acres X 2 % = **0.9** **acres**

Number of acres to be yarded using cable systems times the percentage of area requiring seed and fertilizer. _____ acres X _____ % = **0.0** **acres**

Landings

Number of landings 0 X 0.25 acres per landing = **0.0** **acres**

TOTAL **0.9** **acres**

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarde
Acres	43	0	0	0	0

Seed mix, fert., labor costs:

	Lbs / Acre		$ / Lb		$ per Acre
Annual Rye or Winter Wheat	18	X	$0.79	=	**$14.22**
Hard Fescue	6	X	$3.19	=	**$19.14**
Orchard Grass	6	X	$1.69	=	**$10.14**
Fertilizer	240	X	$0.20	=	**$48.00**
*Labor per Acre				=	**$249.00**
				$ per acre	**$340.50**

Total cost for

SEEDING	**0.9**	acres X	**$43.50**	$/acre =		**$39.15**
FERTILIZER	**0.9**	acres X	**$48.00**	$/acre =		**$43.20**
LABOR	**0.9**	acres X	**$249.00**	$/acre =		**$224.10**
SCARIFICATION						**$0.00**
				TOTAL		**$306.45**

$306.45 **COST / 261** **CCF = $1.17** **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
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
XXX		X	$0.00	per XXX	=	$0.00

$0.00 Cost / 261 CCF = $0.00 CCF

Subtotal Other Contractual Requirements (A) = $0.00 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 documentatiion; 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.

Herbicide (Common name)	Application Rate oz per acre	Cost Per oz	Cost per UOM
		$0.00	$0.00 mile
		$0.00	$0.00 mile
		$0.00	$0.00 mile
		$0.00	$0.00 mile

Price qoute for herbicide obtained from: Wilbur Ellis

Sufactant & Dye	
.32 oz/gal H2O	**$0.68/acre = $2.45/ mile**
Labor Rate	**$40/ hour (2 Miles per hour)**

Miles of road to be sprayed: 0 miles

Herbicide to be applied:	Miles	$ UOM	Tot Cost
		$0.00	$0.00
		$0.00	$0.00
		$0.00	$0.00
		$0.00	$0.00
Sufactant & dye:	0	$2.45	$0.00
Application Cost (Labor):	0	$20.00	$0.00
Misc. Expensense:	0	$32.00	$0.00

TOTAL WEED TREATMENT: $0.00 cost / 261 CCF = $0.00 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)		Number of seasons	
Cleaning costs per piece	$0.00	CCF	261

Total cost for washing equipment per CCF $0.00 CCF

Subtotal Other Contractual Requirements (B) $0.00 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 /	261	CCF =	$0.00	CCF

Snow Plowing

	# miles	X		per mile	X		# plowings	=	$0.00

$0.00	Cost /	261	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

$0.00	Cost /	261	CCF =	$0.00	CCF

Subtotal Miscellaneous Contractual Requirements (C) $0.00 CCF

Total Other Contractual Requirements (A+B+C)	$0.00	CCF
Brush Disposal (Purchaser and FS)	$31.53	CCF
Total Environmental Protection Cost	$31.53	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 = $0.00
(Total Temporary Development Costs)

$0.00 COST / 261 CCF = $0.00 CCF

Cost Guide for Temporary Roads
http://www.fs.fed.us/r1/projects/costguide_index.shtml

Temporary Road Seeding, Fertilizing and Obliteration Costs per CCF **$0.00**

UNUSUAL CONDITION ADJUSTMENTS

$0.00 **Cost $ /** 261 **CCF = $0.00 CCF**

Adjustment for Difference Between Using an Average of 3.2 Tons/CCF and the Actual Tons/CCF of 3.22 = $0.00 **CCF >>>** FALSE

Total Unusual Condition Adjustment = $0.00

TEMPORARY ROAD COSTS #1

Unit or Road Number:

Reference to Cost estimating procedures for temporary roads from Cost Guide pages 100-104

Average Side Slope		%		
Length		Feet	0.00	Miles
Volume per Acre				

(Note: Do not adjust project costs for inflation or deflation)

		Costs Prer Mile	
Clearing and Grubbing (Table T-1)	=		Mile
Excavation (Table T-1)	=		Mile
Seeding (Table T-1)	=		Mile
Obliteration (Table T-1)	=		Mile
Total Unit Cost Per Mile	=	**$0.00**	
Baisc Cost Total X Length	=	**$0.00**	

Drainage Structures

	Dips	X		=	**$0.00**	
	18" CMP	X		=	**$0.00**	
	other CMP'	X		=	**$0.00**	
Drainage Cost Total				=	**$0.00**	

Other Requirements

###		###	X	$0.00	=	**$0.00**	
###		###	X	$0.00	=	**$0.00**	
###		###	X	$0.00	=	**$0.00**	
###		###	X	$0.00	=	**$0.00**	
Other Cost Total					=	**$0.00**	

Subtotal (Basic + Drainage + Other)		=	**$0.00**
Mobilization (Table T-4)	**7%**	=	**$0.00**
	Subtotal	=	**$0.00**

TOTAL COST	**$0.00**	**/**	**1.06**	Profit	=	**$0.00**

Total Cost to be entered on 2400-17

TIMBER SALE CONTRACT INFORMATION

Tim Gate 4 - Contract Preparation information (ADVR114)

Normal Operating Season
(ADVR114, Page 1)

				Units
First Period :	1-Dec	to	28-Feb	1
Second Period:		to		

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

Periodic Payment Schedule

Approximate Award Date: 01/11/12 mm/dd/yy

(And Road Completion Date if roads are included.)
Road Completion Date: N/A mm/dd/yy
(N/A if no roads)

Contract Termination Date: 10/31/13 mm/dd/yy

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

Approximate Payment Date: **12/05/12**

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

As per B(T) 4.213, Periodic Payment Shedule, 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 / week.
(1/Current AD-C Firefighter wage ($13.64 (3/16/08) – FSH 5109.34 Chp 10 – WO Interim Directive Eff. Date 3/16/07 – Update Yearly)

(A)	Sawtimber Volume =	261	CCF
(B)	Sale Duration =	1.8	YEARS (Calculated from Award Date to Termination Date)
(C)	Operating Days in Sale =	216	(Sale Duration X 120 days.)
(D)	CCF Per Day =	1.2	(Sawtimber Volume / Operating Days in Sale)
(E)	Men Needed to Log Sale =	0.2	(CCF Per Day / 5 CCF)

(F) Liability = $17.08 (Wage Rate AD-C) X 12 (hrs/shift) X 5 (# shifts) X 0.2 (# men) = TOTAL LIABILITY = $205

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

ROUNDED TOTAL = $300

BID GUARANTEE:

Advertised Value $1,282 X 10% = $128

Rounded up to nearest $100.00 = $200

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 $1,282 X 10% = $128

Rounded 10% Advertised Value = **$200** **(A)**

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

Road Maintenance =	$0.00	CCF
Erosion =	$1.17	CCF
Brush Disposal =	$17.64	CCF
Other =	$0.00	CCF
Total =	$18.81	CCF

Total Purchaser Requirements = $18.81 X Tot Vol 261 CCF = $4,909 Tot Value

divided by 1.5 # Seasons = $3,273 Performance Bond Value

Rounded Performance Bond Value = **$3,300** **(B)**

MINIMUM PERFORMANCE BOND $3,300