

2450

NORTHERN REGION - R-1

FOREST = 14 - Kootenai *

DISTRICT 01 - Rexford *

Expiration Date = April 1, 2016

V15.1

TIMBER SALE AND
TRANSACTION EVIDENCE
APPRAISAL REPORT

Extween BD Salvage

(SALE NAME)

Select Contract Type

TIM # 15105

TYPE 6T - Contract Form 2400-6T

UOM CCF

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):

T34N, R28W, PMM

Sale Area Legal Description (long):

Portions of Sections 20 and 21, T34N, R28W, 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):

24

Environmental Documentation:

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

NEPA Document Name

Percentage of Sale Volume (CCF)

McSutten 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.

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

SSF Silviculture Treatment Type (Pick one)

Salvage *

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:	#	<input type="text" value="15105"/>	CHECK CRUISE:	
Date of Cruise		<input type="text" value="6/16/2014"/>	Date of Check:	<input type="text"/>
Cruisers:	<input type="text" value="Pam Cooper"/> <input type="text" value="Ira Lehman"/> <input type="text" value="Mike Sartori"/> <input type="text"/> <input type="text"/>		Cruisers:	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Method:	<input type="text" value="STR, 100"/>		Results:	<input type="text"/>
SE%:	<input type="text" value="8"/>			

Method of determining ROW volume:

Basis for Percent Defect:

LOGGING METHOD SUMMARY
Sawlog Volume

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	Horse	TOTAL	Swing Not Included in Totals
Acres	54	0	0	0	0	0	54	0
Volume	119	0	0	0	0	0	119	0
AEYD	818	0	0	0	0	0		
% Acres	100%	0%	0%	0%	0%	0%		
% Vol	100%	0%	0%	0%	0%	0%		

CCF

HARVEST METHOD SUMMARY

	ClearCut	Seed Tree	Shelter Wood	Final Seed Tree	Intermed	Final Shelter wood	Selection	Other Changes	TOTAL
Acres	0	0	0	0	0	0	0	54	54
Volume	0	0	0	0	0	0	0	119	119
% Acres	0%	0%	0%	0%	0%	0%	0%	100%	
% Vol	0%	0%	0%	0%	0%	0%	0%	100%	

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.

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	0.54226	1.000	7	1	8.0	5.6	10.67
					0	0	0.0	0	0
					0	0	0.0	0	0
<input type="checkbox"/>	CS	Dead	0	1.000	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

NON-SAWTIMBER is not included in this sale

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.
 Check Box to use Small Sale RM Rates plus Koochanusa Bridge

Contract Rates

	\$/CCF	\$/TON	
Total Performance Recurrent Maintenance (Part A)			
C(T)5.31 - Recurrent Maintenance	\$0.00	\$0.00	
C(T)5.312 - Reconditioning	\$0.00	\$0.00	
Total Performance (Part A)	\$0.00	\$0.00	(A)
Total Required Deposits (Recurrent and Deferred) (Part B)	\$3.52	\$1.16	Recurrent
<small>(Enter appropriate rate in TIM - Gate 4 - Road Maint. Plan - ADVR105)</small>	\$1.85	\$0.62	Deferred
C(T)5.32# - Total Required Deposits (Part B)	\$5.37	\$1.78	(B)
C(T)5.314 - Total Dust Abatement (Part C)	\$12.66	\$4.15	(C)
TOTAL MAINTENANCE COST (Parts A-B-C)	\$18.03	\$5.93	

Appraisal Rates

(Entries for 2400 - 17)

Total Required Deposits	\$ \$5.37 CCF
Total Road Maintenance Costs (Performance + Deposits)	\$ \$18.03 CCF

*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	Skylines	Aerial Heli	Forwarder	TOTAL
Acres	54	0	0	0	0	54
Volume	119	0	0	0	0	119
EYD	818	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.

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) Total \$ (a) CCF

Purchaser Rate (Fund Code PPPP) Total\$ (b) CCF

TOTAL: (a) + (b) = CCF

Contract Rates (Applied to All Products)

Forest Service Rate Per CCF (Fund Code BDBD) CCF

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

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 - 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	54	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				=	
				\$ per acre	\$108.00

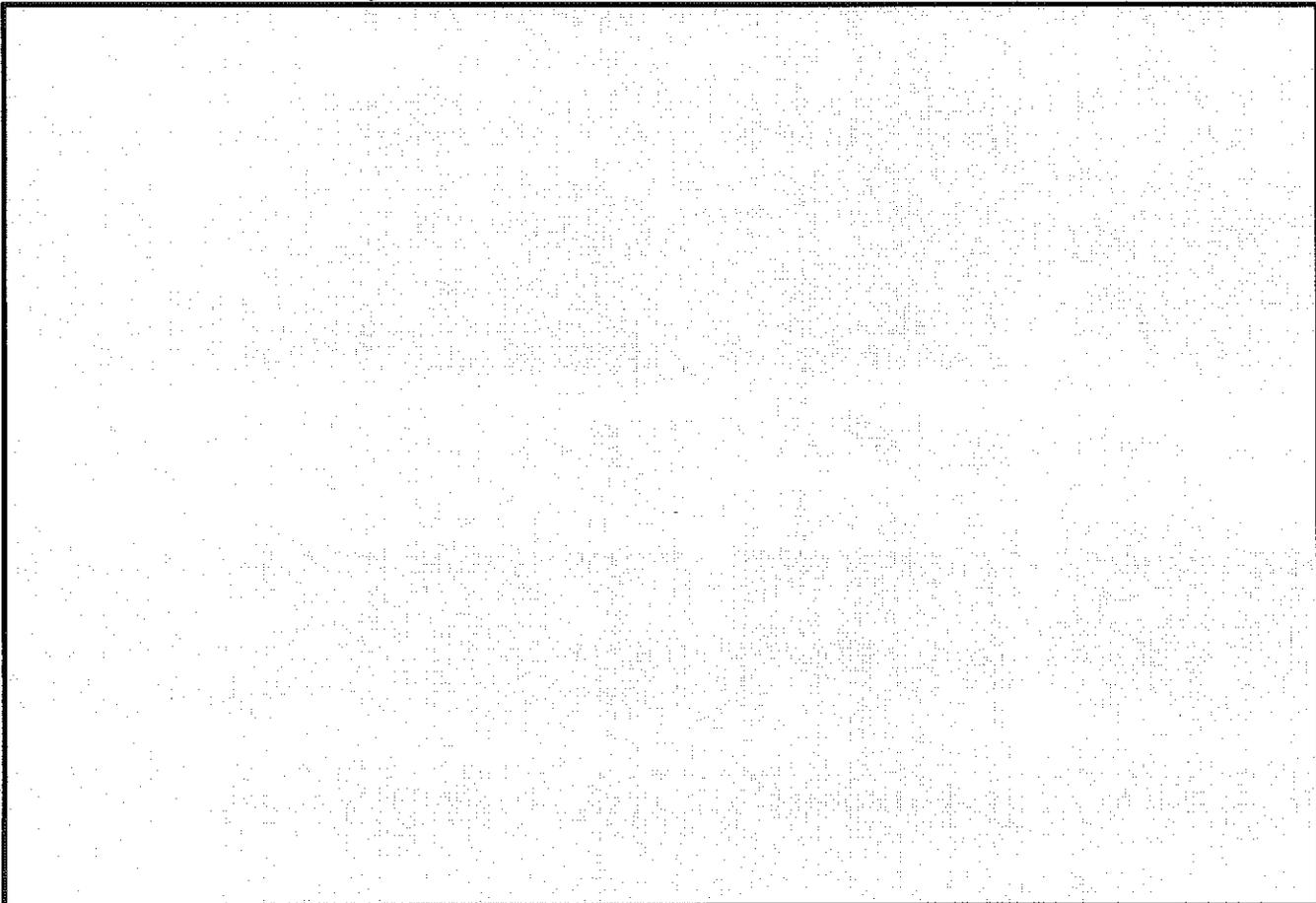
Total cost for

SEEDING	1.0	acres X	\$60.00	\$/acre =	\$60.00
FERTILIZER	1.0	acres X	\$48.00	\$/acre =	\$48.00
LABOR	1.0	acres X	\$0.00	\$/acre =	\$0.00
SCARIFICATION					\$0.00
TOTAL					\$108.00

\$108.00 COST / **119** CCF = **\$0.91** PER CCF

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

Document Rational for Changes to Standard Seed Mix.



TIMBER SALE CONTRACT INFORMATION

Tim Gate 4 - Contract Preparation information (ADVR114)

**Normal Operating Season
(ADVR114, Page 1)**

Units

First Period : to

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: 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)

*** THE DURATION OF THIS CONTRACT IS LESS THAN 1 YEAR. NO PERIODIC PAYMENT REQUIRED.**

Approximate Payment Date: NO PAYMENT NEEDED

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 / w
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-C) (hrs/shift) X (# shifts) X
http://www.fs.fed.us/r1/fire/nrcg/Committees/business_committee.htm
 (# 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 $\boxed{\$4,467} \times 10\% = \boxed{\$447}$
 Rounded 10% Advertised Value = $\boxed{\$500}$ (A)

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

Road Maintenance =	$\boxed{\$0.00}$	CCF
Erosion =	$\boxed{\$0.91}$	CCF
Brush Disposal =	$\boxed{\$4.20}$	CCF
Other =	$\boxed{\$0.00}$	CCF
Total =	$\boxed{\$5.11}$	CCF

Total Purchaser Requirements = $\boxed{\$5.11} \times \text{Tot Vol } \boxed{119} \text{ CCF} = \boxed{\$608}$ Tot Value

divided by $\boxed{1}$ # Seasons = $\boxed{\$608}$ Performance Bond Value

Rounded Performance Bond Value = $\boxed{\$700}$ (B)

MINIMUM PERFORMANCE BOND $\boxed{\$700}$