2450
NORTHERN REGION - R-1
FOREST = 14 - Kootenai * DISTRICT 03 - Fortine *
Expiration Date = April 1, 2016
V15.2

TIMBER SALE AND TRANSACTION EVIDENCE APPRAISAL REPORT

Marston Decks
(SALE NAME)

Select Contract Type

TIM # 16301

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): T35N, R25W, PMM

Sale Area Legal Description (long):

Portions of Sections 21,33,32, T35N, R25W, Portions of Sections 5,4,9,10, T34N, R25W, 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): 26

Environmental Documentation:

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

NEPA Document Name	Percentage of Sale Volume (CCF)
Categorical Exclusion	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

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

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 2409.19 - 71.12 - for assitance with SSF collections

https://fs.usda.gov/FSI_Directives/wo_2409.19_70.doc

SSF Silviculture Treatment Type (Pick one)

Salvage *

SSF Volume (CCF): 4803 100% **% 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: # 1601 CHECK CRUISE:

Date of Cruise 9/10115 Date of Check:

Cruisers: Ira Lehman Cruisers:

Method: Ocular Estimate Results:

SE%:

Method of determining ROW volume:

Basis for Percent Defect:

TOTAL CF VOLUME BY UNIT --- NCS REPORT (UC5)

ROW units need to be entered last

Unit #	Acres	Sawtimber	CCF	Non-Saw	CCF
1	1	273700	2737		0
2	1	76800	768		0
3	1	129800	1298		0

NET MBF/CCF Ratio from NCS Report CS1

Sawtimber (Product 01): 0.50000

Non-Saw (Product 08):

If no Primary Non-Saw Enter Secondary Volumes Below

Net bdft:

Net cf:

Non-Saw (Product 08):

	Sawtimber (Sheet 1)	Sawtimber (Sheet 1&2)	Non-Saw (Sheet 1)	Non-Saw (Sheet 1&2)
	480300		0	
TOTAL SALE UNIT VOLUME (CCF)	4803	4803	0	0

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

Species	Saw	Rounded	%Defect	Av. DBH	Logs/Unit
GF		0			
AF	200000	2000			
L		0			
S	200000	2000			
LP		0			
WP		0			
PP		0			
DF	80300	803			
C		0			
H		0			
	480300				

NCS REPORT (UC5)

Non-Saw	Rounded
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
0	

TOTAL VOLUME 4803 CCF

0 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)

Unit #	P.U.#	Cruise Unit Acres	Appraisal Unit Acres	ROW Acres	Logging Method	Harvest Method	Land Suit Class	MA	Unit Volume CCF Sawtimber	Unit Volume CCF Non-Saw	Yield Component CL	Yield Component NL	Unit TONS Saw	Unit TONS Non Saw
ROW units need to be entered last, Harvest Method=270, MA=ROW							Enter KNF MAs Here							
1		1	1		464	240	500	12	2737	0	2737		7281	#VALUE!
2		1	1		464	240	500	12	768	0	768		2043	#VALUE!
3		1	1		464	240	500	12	1298	0	1298		3453	#VALUE!
Totals Sheet 1		3	3	0					4803	0	4803	0	12777	#VALUE!

Total Sale Area: **1477** Sale Area Acres
Total Cutting Area: **3** Acres
(Sheet 1)

Total Sawtimber (Sheet 1) **4803** **CCF**
Total Saw + Non-Saw (Sheet 1) **4803** **CCF**

APPRAISAL CCF TO TON WORKSHEET

SAWTIMBER - CCF

Species	Defect %	Net Volume	Total Additional	Total Net	Tons Per CCF	Total Tons
017-GF	0	0	0	0	3.1275	0
019-AF	0	2000	0	2000	2.4735	4947
073-L	0	0	0	0	3.1935	0
093-S	0	2000	0	2000	2.7040	5408
108-LP	0	0	0	0	3.0210	0
119-WP	0	0	0	0	3.2230	0
122-PP	0	0	0	0	3.2230	0
204-DF	0	803	0	803	3.0160	2422
242-C	0	0	0	0	2.3540	0
263-H	0	0	0	0	3.2425	0
TOTAL =	0	4803	0	4803	2.6602	12777

Net MBF/CCF Ratio For Sawtimber From NCS Report CS1: .50000

	TIM Conversion	Prep 105 Factors
	MBF	CCF
=	.18800	.37590

NON-SAWTIMBER - CCF

Species	Net Volume	Additional Non-Saw	Total Net	Tons Per CCF	Total Tons
GF	0		0	2.9470	0
AF	0		0	2.3340	0
L	0		0	3.0785	0
S	0		0	2.6330	0
LP	0		0	3.0200	0
WP	0		0	3.1500	0
PP	0		0	3.1510	0
DF	0		0	2.7885	0
C	0		0	2.1400	0
H	0		0	3.0590	0
TOTAL =	0	0	0	0	

0% %Dead

Net MBF/CCF Ratio For Non-Sawtimber From NCS Report CS1: .00000

	TIM Conversion	Prep 105 Factors
	MBF	CCF
=	.00000	.00000

TOTALS =	Gross	Net	Tons
	0	4803	12777

APPRAISAL SUMMARY

CONTRACT VOLUME (CCF)	4803
APPRAISAL VOLUME (CCF)	4803
CONTRACT VOLUME (TONS)	12777 (Note: Total Tons to be used for Rd. Maintenance Appr.)
WTD TONS/CCF	2.6600

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	(Major Species Group)	Full Name for Contract	Conversion Factors (only applicable to weight scale sales) (Enter from Species Volume Summary) MBF	CCF	Minimum Specifications DBH	Number of Pieces	Length	DIB	Merch. Factor
X	Live and Dead	AF&O	0.188	0.3759	7	1	8.0	5.6	10.67
					0	0	0.0	0	0
					0	0	0.0	0	0
☐	CS		0	0	4	1	8.0	2.5	N/A
☐	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 Koocanusa

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)	$1.58	$0.59	**Recurrent**
(Enter appropriate rate in TIM - Gate 4 - Road Maint. Plan - ADVR105	$0.50	$0.19	**Deferred**
C(T)5.32# - Total Required Deposits (Part B)	**$2.08**	**$0.78**	**(B)**
C(T)5.314 - Total Dust Abatement (Part C)	$0.00	$0.00	**(C)**
TOTAL MAINTENANCE COST (Parts A-B-C)	**$2.08**	**$0.78**	

Appraisal Rates

(Entries for 2400 - 17)

Total Required Deposits	$	$2.08	**CCF**
Total Road Maintenance Costs (Performance + Deposits)	$	$2.08	**CCF**

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

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)	$1,483.63 Total $	(a)	$0.31 CCF
Purchaser Rate (Fund Code PPPP)	$665.00 Total$	(b)	$0.14 CCF
	TOTAL: (a) + (b) =		$0.45 CCF

Contract Rates (Applied to All Products)

Forest Service Rate Per CCF (Fund Code BDBD)	$0.31 CCF
(Rate Per CCF Converted to Tons for Weight Scale Contracts)	$0.12 TON

Lump Sum BD Deposits for Weight Scaled Sales

Cutting Unit Number	Required Deposits
1	$845.45
2	$237.23
3	$400.95

Total Cost $1,483.63

(Sheet 1)

TIMBER SALE CONTRACT INFORMATION

Tim Gate 4 - Contract Preparation information (ADVR114)

Normal Operating Season
(ADVR114, Page 1)

				Units
First Period :	15-Oct	to	31-Mar	1,2,3
Second Period:		to		

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

Periodic Payment Schedule

Approximate Award Date: 10/01/15 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: 03/31/16 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: NONE **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 / v
AD-C Firefighter wage is updated yearly, ~March (FSH 5109.34 Chp 10). Link below to directive.

(A)	Total Volume =	4803	CCF
(B)	Sale Duration =	0.5	YEARS (Calculated from Award Date to Termination Date)
(C)	Operating Days in Sale =	60	(Sale Duration X 120 days.)
(D)	CCF Per Day =	80.1	(Total Volume / Operating Days in Sale)
(E)	Men Needed to Log Sale =	16.0	(CCF Per Day / 5 CCF)

(F) Liability = $17.80 (Wage Rate AD-C) 12 (hrs/shift) X 5 (# shifts) X
http://www.fs.fed.us/r1/fire/nrcg/Committees/business_committee.htm
16.0 (# men) = TOTAL LIABILITY = $17,088

Round up to nearest $50.00 up to $200.00, then round up to nearest $100.00
ROUNDED TOTAL = $17,100

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 $14,409 X 10% = $1,441

Rounded 10% Advertised Value = **$2,000** **(A)**

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

Road Maintenance =	$0.00	CCF
Erosion =	$0.00	CCF
Brush Disposal =	$0.14	CCF
Other =	$0.00	CCF
Total =	$0.14	CCF

Total Purchaser Requirements = $0.14 X Tot Vol 4803 CCF = $672 Tot Value

divided by 1 # Seasons = $672 Performance Bond Value

Rounded Performance Bond Value = **$1,000** **(B)**

MINIMUM PERFORMANCE BOND **$2,000**

Use this sheet to calculate advertised value and to convert $/CCF to $/Tons.

Attach this sheet to the 2400-17 for Documentation.

Sawtimber Rate from the 2400-17 $3.00

Conversion to Tons

	Adv. Rate	CCF Vol	Tons	Advertised Rate per Ton: Weighted Average Bidding	Advertised Rate per Ton: Total Value Bidding
Sawtimber	$3.00	4803	12777	$1.13	$1.13
Non_Saw	$0.00	0	0	$0.00	$1.13
Base Rate (Sawtimber)	$3.00	4803	12777	$1.13	$1.13

Total Sale Value $14,409.00

Sale Name: Marston Decks District: 03 - Fortine

Appraisal Point:

Total Sawtimber Volume: (Appraisal Vol.)	4803	CCF	12777 TONS
Total Non-Sawtimber Volume:	0	CCF	0 TONS
Total Volume: (Sale Contract Volume)	**4803**	CCF	**12777** TONS

Sale Date 10/1/2015

Anticipated Haul Period _____ (Start Date) Through 3/31/2016 (Termination Date)

Segment	Units																								Miles	Total Saw and Nonsaw	Seasons Of Use
	Enter Unit Number and Percent Volume from Road Segment. Enter ALL to use volume for all of the units for that segment.																										
Road #	Unit	%	Unit	%	Unit	%	Unit	%	Unit	%	Unit	%	Unit	%	Unit	%	Unit	%	Unit	%	Unit	%	Unit	%	Unit	%			
		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%			
		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%			
		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%			
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SALABILITY REPORT
Based on Delivered Log Price

Stump to Loaded Truck Costs	CCFs	Avg DBH	Correction Factor	Corrected $ / CCF	
Ground Based - (Tractor, Forwarder, Horse)	0.0	0.0	1.00	**$0.00**	$ / CCF
Ground Lead	0.0	0.0	1.00	**$0.00**	$ / CCF
Skyline	0.0	0.0	1.00	**$0.00**	$ / CCF
Helicopter	0.0	0.0	1.00	**$0.00**	$ / CCF
Total	0.0				

Haul	1.00	**$0.00**	$ / CCF

Purchaser's Cost & Deposits

Non-Sawtimber Adjustment ($ / CCF)	$0.00	$ / CCF
Road Maintenance Costs ($ / CCF)	$2.08	$ / CCF
Environmental Protection Costs ($ / CCF)	$0.45	$ / CCF
Temporary Road Costs ($ / CCF)	$0.00	$ / CCF
Specified Road Costs ($ / CCF)	$0.00	$ / CCF
Unusual Condition Adjustment ($ / CCF)	$0.00	$ / CCF
TOTAL	**$2.53**	$ / CCF

Delivered Log Price $/MBF	PP	WF/HF	DF/L	WW	S	IRC

Stump to Mill Costs ($ / CCF)	**$0.00**
Minimum Rate ($ / CCF)	**$3.00**
Adjustment to Minimum Rate to cover Required Regen Costs ($ / CCF)	**$0.00**
Base Rates ($ / CCF)	**$3.00**
Appraised Rate ($ / CCF)	**$0.00**
Amount Deficit ($ / CCF)	**$3.00**
WTD. Average Delivered Log Price ($ / MBF)	**$0.00**
Required Delivered Log Price to Break Even ($ / MBF)	**$0.00**

STEWARDSHIP CONTRACTS

	(%)
Value Adjustment (Maximum Adjustment 75%)	75

Total Base Value Available for Stewy Projects **$0**

(If Applicable Total Value Available Includes Allowance for Required Regeneration Costs)

Government Estimates - Stewardship Projects: KV To Be Collected as Base Rate

Essential Regeneration Cost	$0.00	$0.00 /CCF
KV Other	$0	$0 /CCF
	$0	$0 /CCF
	$0	$0 /CCF
	$0	$0 /CCF
	$0	$0 /CCF
	$0	$0 /CCF
Total KV	$0.00	$0.00 /CCF

	75% Stumpage	100% Stumpage
	$0.00	$0.00
Total Value (75%)	$0.00	Tot Value (100%) $0.00
Retained Receipts	$0.00	
Additional Funds	$0.00	
Additional Funds	$0.00	
Tot Add Funds	$0.00	
Total +Additional $$	$0.00	

TE Appraised Rate $0.00 ☐ Check — Check Box to Use TE App. Rate

Del. Log Appraised Rate $0.00

Appraised Rate (Minus KV - If Applicable)

$0.00 $ / CCF

Value Adjustment 75 (%)

Sawtimber Volume 4,803 CCF

Available $$ for Optional Projects $0.00

Cost Estimate(s) $

Available $$ for Mandatory Projects based on Percentage Above.

Cost Estimate(s) $

Available $$ for Optional Projects Based on 100% Total Stumpage Value and Surplus From Mandatory Proj List

Project List (Mandatory)		Project List (Optional)	
	$0.00		$0.00
	$0.00		$0.00
	$0.00		$0.00
	$0.00		$0.00
	$0.00		$0.00
	$0.00		$0.00
	$0.00		$0.00
	$0.00		$0.00
	$0.00		$0.00
	$0.00		$0.00
	$0.00		$0.00
	$0.00		$0.00

Mandatory NOT Funded

TOTAL $0.00

Optional NOT Funded

TOTAL $0.00

Additional Sawtimber Volume required to fund Mandatory Projects

0 CCF

Additional Sawtimber Volume required to fund Optional Projects

0 CCF

Surplus Sawtimber Value to fund Optional Projects

$0

Additional Sawtimber Value or funding needed to fund Optional Projects

$0

Deficit: Additional Sawtimber Value Required

$0

If FACTS information is available then use FACTS COSTS here and on BD and REGEN Base Rate pages.

BRUSH DISPOSAL
Purchaser

Inflation calculation: 2

FACTS ID	Description	Local Qualifier	UOM	Cost/Unit	# Units	Comments	Inflation	Total Activity $
1140	Fireline Const		Mile				N/A	
			Mile				N/A	
			Mile				N/A	
			Mile				N/A	
			Mile				N/A	
			Mile				N/A	
1153	Piling Fuels		Acre				N/A	
			Acre				N/A	
			Acre				N/A	
			Acre				N/A	
			Acre				N/A	
			Acre				N/A	
			Each				N/A	
			Mile				N/A	
1154	Chipping of Fuels		Acre				N/A	
			Each				N/A	
1150	Rearrangement of Fuels		Acre				N/A	
			Acre				N/A	
			Acre				N/A	
			Acre				N/A	
			Acre				N/A	
			Acre				N/A	
1180	Fuel Break		Mile				N/A	
			Mile				N/A	
			Mile				N/A	
			Mile				N/A	
			Mile				N/A	

Subtotal - Purchaser	$0.00 >>>>
$/CCF	$0.00

BRUSH DISPOSAL
Forest Service

Composite Rate = 1.8049

FACTS ID	Description	Local Qualifier	UOM	Cost/Unit	% BD	# Units	Comments	Inflatio	Composite %	Tot. Activity $
1100	Fuel Inventory		Acre							
1111	Fuels Burn BB		Acre							
	Fuels Burn BB		Acre							
	Fuels Burn BB		Acre							
1112	Jackpot Burning		Acre							
	Jackpot Burning		Acre							
1113	Fuels UB		Acre							
	Fuels UB		Acre							
	Fuels UB		Acre							
	Fuels UB		Acre							
1130	Burn Fuel Piles		Acre							
	Burn Fuel Piles		Acre							
	Burn Fuel Piles		Acre							
	Burn Fuel Piles		Acre							
	Burn Fuel Piles		Acre							
	Burn Fuel Piles		Each							
5010	Air Quality Monit		Acre							
			Acre							

Subtotal -- FS (Deposits)	$0.00 >>>>
$/CCF	$0.00
Total BD Allowance	$0.00
Total Appraisal Allowance ($/CCF)	$0.00

REQUIRED KV FOR REGENERATION HARVEST

KV SITE PREP

Composite Rate = 1.6190

FACTS ID	Description	Local Qualifier	UOM	Cost/Unit	% KV	# Units	Comments	Inflatio	Composite %	Tot. Activity $
4471/4491	Burn Site Prep		Acre							
	Burn Site Prep		Acre							
	Burn Site Prep		Acre							
4471/4491	Burn Site Prep		Acre							
	Burn Site Prep		Acre							
4471/4491	Burn Site Prep		Acre							
	Burn Site Prep		Acre							
	Burn Site Prep		Acre							
	Burn Site Prep		Acre							
1130	Burn Fuel Piles		Acre							
	Burn Fuel Piles		Acre							
	Burn Fuel Piles		Acre							
	Burn Fuel Piles		Acre							
	Burn Fuel Piles		Acre							

Total Site Prep	$0.00

Regeneration

Activity	UOM	Cost/Unit	# Units	Comments	Inflatio	Composite %	Tot. Activity $
Planting	Acre						
Regen Exams	Acre						
Animal Damage Control	Acre						
Chemical Site	Acre						

Total Regeneration	$0.00

Total Required Regen Cost	$0.00	>>>

If FACTS information is available then use FACTS COSTS here and on BD and REGEN Base Rate pages.

BRUSH DISPOSAL

Purchaser

Inflation calculation: 0

FACTS ID	Description	Local Qualifier	UOM	Cost/Unit	# Units	Comments	Inflatio	Total Activity $
1140	Fireline Const	AF_Hand Type I	Mile	$8,800			N/A	
		AF_Hand Type II	Mile	$6,600			N/A	
		AF_Hand Type III	Mile	$3,000			N/A	
		AF_Exc Type I	Mile	$4,700			N/A	
		AF_Exc Type II	Mile	$2,400			N/A	
		AF_Exc Type III	Mile	$800			N/A	
1153	Piling Fuels	AF_HP Type I	Acre	$825			N/A	
		AF_HP Type II	Acre	$670			N/A	
		AF_HP Type III	Acre	$360			N/A	
		AF_Exc Type I	Acre	$300			N/A	
		AF_Exc Type II	Acre	$200			N/A	
		AF_Exc Type III	Acre	$165			N/A	
		AF_Landing Clean Up	Each	$30	18		N/A	$540.00
		AF_System Road Clean Up ROW	Mile	$125	1.00		N/A	$125.00
1154	Chipping of Fuels	Activity Fuels	Acre	$350			N/A	
		AF_Landing Cleanup	Each	$0			N/A	
1150	Rearrangement of Fuels	AF_Type I	Acre	$240			N/A	
		AF_Type II	Acre	$160			N/A	
		AF_Type III (Skyline)	Acre	$80			N/A	
		AF_Type III (tractor)	Acre	$40			N/A	
		AF_Fell Damaged Residual	Acre	$25			N/A	
		AF_Lop/Scatter	Acre	$75			N/A	
1180	Fuel Break	AF_Hand Type I	Mile	$6,543			N/A	
		AF_Hand Type II	Mile	$4,950			N/A	
		AF_Hand Type III	Mile	$2,180			N/A	
		AF_Exc Type I	Mile	$2,311			N/A	
		AF_Exc Type II	Mile	$1,177			N/A	

Subtotal - Purchaser	$665.00 >>>>
$/CCF	$0.14

BRUSH DISPOSAL
Forest Service

Composite Rate = 1.8049

FACTS ID	Description	Local Qualifier	UOM	Cost/Unit	% BD	# Units	Comments	Inflatio	Composite %	Tot. Activity $
1100	Fuel Inventory	N/A	Acre	$9						
1111	Fuels Burn BB	AF_Type I	Acre	$400						
	Fuels Burn BB	AF_Type II	Acre	$300						
	Fuels Burn BB	AF_Type III - N/A	Acre	$0						
1112	Jackpot Burning	AF_Type I	Acre	$160						
	Jackpot Burning	AF_Type II	Acre	$80						
1113	Fuels UB	AF_SUB Type I	Acre	$500						
	Fuels UB	AF_SUB Type II	Acre	$350						
	Fuels UB	AF_SUB Type III -N/A	Acre	$0						
	Fuels UB	AF_SUB Type IV-N/A	Acre	$0						
1130	Burn Fuel Piles	AF_HP Type I	Acre	$200						
	Burn Fuel Piles	AF_HP Type II	Acre	$100						
	Burn Fuel Piles	AF_Exc Type I	Acre	$100						
	Burn Fuel Piles	AF_Exc Type II	Acre	$50						
	Burn Fuel Piles	AF_Exc Type III-N/A	Acre	$0						
	Burn Fuel Piles	AF_Landings	Each	$45		18		1.000	1.8049	$1,461.97
5010	Air Quality Monit	Libby district	Acre	$3						
		Rest of Forest	Acre	$4		3		1.000	1.8049	$21.66

Subtotal -- FS (Deposits)		$1,483.63 >>>>
	$/CCF	$0.31
Total BD Allowance		$2,148.63
Total Appraisal Allowance ($/CCF)		$0.45

REQUIRED KV FOR REGENERATION HARVEST

KV SITE PREP

Composite Rate = 1.6190

FACTS ID	Description	Local Qualifier	UOM	Cost/Unit	% KV	# Units	Comments	Inflatio	Composite %	Tot. Activity $
4471/4491	Burn Site Prep	BB_Type I	Acre	$400						
	Burn Site Prep	BB_Type II	Acre	$300						
	Burn Site Prep	BB_Type III-N/A	Acre	$0						
4471/4491	Burn Site Prep	JP_Type I	Acre	$160						
	Burn Site Prep	JP_Type II	Acre	$80						
4471/4491	Burn Site Prep	SUB_Type I	Acre	$500						
	Burn Site Prep	SUB_Type II	Acre	$350						
	Burn Site Prep	SUB_Type III-N/A	Acre	$0						
	Burn Site Prep	SUB_Type IV-N/A	Acre	$0						
1130	Burn Fuel Piles	NF_HP Type I	Acre	$200						
	Burn Fuel Piles	NF_HP Type II	Acre	$100						
	Burn Fuel Piles	NF_Exc Type I	Acre	$100						
	Burn Fuel Piles	NF_Exc Type II	Acre	$50						
	Burn Fuel Piles	NF_Exc Type III-N/A	Acre	$0						
								Total Site Prep		$0.00

Regeneration

Activity	UOM	Cost/Unit	# Units	Comments	Inflatio	Composite %	Tot. Activity $
Planting	Acre						
Regen Exams	Acre						
Animal Damage Control	Acre						
Chemical Site	Acre						
					Total Regeneration		$0.00

Total Required Regen Cost $0.00 >>>