

“Prospective purchasers should be aware that activities coded as PPPP are the responsibility of the Purchaser and have been factored into the determination of the advertised rate of the included timber.

Projects coded as BDBD are projects to be performed by the FS and the Purchaser is required to pay the calculated deposits for this work.”

BRUSH DISPOSAL TREATMENT PLAN (Ref. FSH 2409.19)	1. Forest Willamette		2. District/Unit Detroit			
	3. Sale Name HALLS THIN REOFFER(20114)		4. Award Date			
5. Compartments or GIS Reference	6. Type of Plan <input checked="" type="checkbox"/> Original <input type="checkbox"/> Final <input type="checkbox"/> Revision #	7. Purchaser		8. Contract Number		
9. List of Projects		10. Work Activity	11. Unit of Work	12. Cost Per Unit	13. No. of Units	14. Cost
Fuel Inventory		HF	Acres	\$22.29	401.0	\$8,937
Underburn - Low Intensity (Majority of Unit)		HF	Acres	\$866.93	79.0	\$68,488
Burning of Piled Material		HF	Acres	\$136.22	55.0	\$7,492
Burning of Piled Material		HF	Acres	\$123.84	116.0	\$14,365
15. Total Project Cost:					\$99,282	
16. National Program Support Cost (line 15 multiplied by National Program Support Rate)					\$43,287	
17. Total Cost of Funded Work (Sum of line 15 and 16) (Required Bid Deposit Amount)					\$142,569	
18. Remarks: Forest Collection Rate : 10.00% National Collection Rate for Program Support: 43.6% Inflation Rate: 2.4% Rate Remarks: WO/RO New Rates listed in Annual Balance package effective 10/01/11 FY 2012						
19. Signature (Prepared by) 		Title Fuels Tech		Date 10/17/12		
20. Signature (Recommended by) 		Title FMO		Date 10/17/12		
21. Signature (Approved by) 		Title DISTRICT RANGER		Date 10/17/12		

Detailed listing of BD and Purchaser Slash Treatment Activities (Working Copy)	(1) Proclaimed Forest Willamette	(2) District/Unit Detroit
(3) Sale Name HALLS THIN REOFFER(20114)	(4) Award Date	(5) Compartment Or GIS Reference
(6) Type of Plan <input checked="" type="checkbox"/> Original <input type="checkbox"/> Final <input type="checkbox"/> Revision #	(7) Purchaser	(8) Contract Number

(9) List of Activity Fuels Treatment Projects		Local Qualifier	(10) Work Activity	(11) Unit of Work	(12) Cost Per Unit	(13) Projects by Fund Code			(14) BD Funded Pojects	
a) Subunit	b) Activity					a) Fund Code	b) No. of Units	c) Total Cost	a) No. of Units	b) Total Cost
0618040004026763000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	14.0	\$312	14.0	\$312
0618040004026764000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	15.0	\$334	15.0	\$334
0618040004026767000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	68.0	\$1,515	68.0	\$1,515
0618040004026768000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	5.0	\$111	5.0	\$111
0618040004026769000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	4.0	\$89	4.0	\$89
0618040004026770000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	29.0	\$646	29.0	\$646
0618040004026771000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	80.0	\$1,783	80.0	\$1,783
0618040004026772000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	21.0	\$468	21.0	\$468
0618040004026773000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	19.0	\$423	19.0	\$423
0618040004026774000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	16.0	\$357	16.0	\$357
0618040004026775000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	1.0	\$22	1.0	\$22
0618040004026776000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	2.0	\$45	2.0	\$45
0618040004026777000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	9.0	\$201	9.0	\$201
0618040004026778000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	23.0	\$513	23.0	\$513
0618040004026816000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	6.0	\$134	6.0	\$134
0618040004026817000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	6.0	\$134	6.0	\$134
0618040004026818000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	14.0	\$312	14.0	\$312
0618040004026819000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	12.0	\$267	12.0	\$267
0618040004026820000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	4.0	\$89	4.0	\$89
0618040004026821000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	4.0	\$89	4.0	\$89
0618040004026822000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	37.0	\$825	37.0	\$825

(9) List of Activity Fuels Treatment Projects		Local Qualifier	(10) Work Activity	(11) Unit of Work	(12) Cost Per Unit	(13) Projects by Fund Code			(14) BD Funded Pojects	
a) Subunit	b)Activity					a) Fund Code	b) No. of Units	c)Total Cost	a) No. of Units	b)Total Cost
0618040004026823000	Fuel Inventory	N/A	HF	Acres	\$22.29	BDBD	12.0	\$267	12.0	\$267
0618040004026763000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$866.93	BDBD	14.0	\$12,137	14.0	\$12,137
0618040004026773000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$866.93	BDBD	17.0	\$14,738	17.0	\$14,738
0618040004026774000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$866.93	BDBD	16.0	\$13,871	16.0	\$13,871
0618040004026777000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$866.93	BDBD	9.0	\$7,802	9.0	\$7,802
0618040004026778000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$866.93	BDBD	23.0	\$19,939	23.0	\$19,939
0618040004026763000	Burning of Piled Material	N/A	HF	Acres	\$136.22	BDBD	6.0	\$817	6.0	\$817
0618040004026764000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	15.0	\$1,858	15.0	\$1,858
0618040004026767000	Burning of Piled Material	N/A	HF	Acres	\$136.22	BDBD	28.0	\$3,814	28.0	\$3,814
0618040004026768000	Burning of Piled Material	N/A	HF	Acres	\$136.22	BDBD	3.0	\$409	3.0	\$409
0618040004026769000	Burning of Piled Material	N/A	HF	Acres	\$136.22	BDBD	2.0	\$272	2.0	\$272
0618040004026770000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	14.0	\$1,734	14.0	\$1,734
0618040004026771000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	24.0	\$2,972	24.0	\$2,972
0618040004026772000	Burning of Piled Material	N/A	HF	Acres	\$136.22	BDBD	11.0	\$1,498	11.0	\$1,498
0618040004026773000	Burning of Piled Material	N/A	HF	Acres	\$136.22	BDBD	3.0	\$409	3.0	\$409
0618040004026774000	Burning of Piled Material	N/A	HF	Acres	\$136.22	BDBD	1.0	\$136	1.0	\$136
0618040004026775000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	1.0	\$124	1.0	\$124
0618040004026776000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	1.0	\$124	1.0	\$124
0618040004026777000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	1.0	\$124	1.0	\$124
0618040004026778000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	1.0	\$124	1.0	\$124
0618040004026778000	Burning of Piled Material	N/A	HF	Acres	\$136.22	BDBD	1.0	\$136	1.0	\$136
0618040004026816000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	4.0	\$495	4.0	\$495
0618040004026817000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	5.0	\$619	5.0	\$619
0618040004026818000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	7.0	\$867	7.0	\$867
0618040004026819000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	7.0	\$867	7.0	\$867
0618040004026820000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	2.0	\$248	2.0	\$248
0618040004026821000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	4.0	\$495	4.0	\$495
0618040004026822000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	23.0	\$2,848	23.0	\$2,848
0618040004026823000	Burning of Piled Material	N/A	HF	Acres	\$123.84	BDBD	7.0	\$867	7.0	\$867

(9) List of Activity Fuels Treatment Projects		Local Qualifier	(10) Work Activity	(11) Unit of Work	(12) Cost Per Unit	(13) Projects by Fund Code			(14) BD Funded Projects	
a) Subunit	b) Activity					a) Fund Code	b) No. of Units	c) Total Cost	a) No. of Units	b) Total Cost
Subtotal for Fund Code BDBD								\$99,282		
0618040004026764000	Yarding - Removal of Fuels by Carrying or Dragging	N/A	HF	Acres	\$417.00	PPPP	15.0	\$6,255		
0618040004026763001	Fireline Construction	N/A	HF	Miles	\$5,280.00	PPPP	0.7	\$3,696		
0618040004026773001	Fireline Construction	N/A	HF	Miles	\$5,280.00	PPPP	1.0	\$5,280		
0618040004026774001	Fireline Construction	N/A	HF	Miles	\$5,280.00	PPPP	1.0	\$5,280		
0618040004026777001	Fireline Construction	N/A	HF	Miles	\$5,280.00	PPPP	1.0	\$5,280		
0618040004026778001	Fireline Construction	N/A	HF	Miles	\$5,280.00	PPPP	1.4	\$7,392		
0618040004026770000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$450.00	PPPP	2.0	\$900		
0618040004026771000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$450.00	PPPP	24.0	\$10,800		
0618040004026816000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$450.00	PPPP	2.0	\$900		
0618040004026817000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$450.00	PPPP	3.0	\$1,350		
0618040004026818000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$450.00	PPPP	1.0	\$450		
0618040004026819000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$450.00	PPPP	2.0	\$900		
0618040004026821000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$450.00	PPPP	2.0	\$900		
0618040004026822000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$450.00	PPPP	14.0	\$6,300		
0618040004026823000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$450.00	PPPP	2.0	\$900		
Subtotal for Fund Code PPPP								\$56,583		
15. Total BD work funded									\$99,282	
16. National Program Support(line 15 multiplied by National Program Support Rate)									\$43,287	
17. Total Cost of Funded Work (Sum of line 15 and 16)(Required Bid Deposit Amount)									\$142,569	
18. Remarks:										
Forest Collection Rate: Forest Collection Rate : 10.00%					<i>Purchaser = \$56,583 / 13,290 ccf = \$4.26</i> <i>Deposit = \$142,569 / 13,290 ccf = \$10.72</i>					
National Collection Rate for Program Support: 43.6%										
Inflation Rate: 2.4%										
Rate Remarks:										

Halls Thin Re-offer Fuels Treatments 10/09/12													
Unit #	Stand #	Acres	Inventory	RGP	RGPB	LTA	GP	GPB	LPB	HELB	UB	fireline/ft	COMMENTS
7	4026763	14								6	14	3600	HL on 520
8	4026764	13				13			13				
8a	4026764	2				2			2				
17	4026767	66								26			
17a		2								2			
19	4026768	5								3			
20	4026769	4								2			
21	4026770	29		2	2				12				rgp 520
27	4026771	80					24	24					
35	4026772	20								10			
35g		1								1			
37	4026773	12								1	12	3075	
37a		5								1	5	2170	
37g		2								1			
39	4026774	16								1	16	4820	
60	4026775	1							1				
61	4026776	2							1				
63	4026777	9							1		9	3630	
72	4026778	23							1	1	23	7280	
370	4026816	6					2	2	2				
380	4026817	6					3	3	2				
390	4026818	14		1	1				6				along 501
400	4026819	12		2	2				5				
401	4026820	4							2				
402	4026821	4		2	2				2				
410	4026822	37					14	14	9				
411	4026823	12		2	2				5				
TOTALS		401	401	9	9	15	43	43	64	55	79	24575	
												4.6 miles	
Activity Code			1100	1153	1130	1120	1153	1130	1130	1130	1113	1140	
\$/Unit			\$18	\$450	\$100	\$417	\$450	\$100	\$100	\$110	\$700	\$1/ft	
Year 2016			BDBD	PPPP	BDBD	PPPP	PPPP	BDBD	BDBD	BDBD	BDBD	PPPP	
			7218	4050	900	6255	19350	4300	6400	6050	55,300	24,575	134398

RGP= rdside grapple
RGPB= rdside prapple burn
LTA= leave tops attached
GP=grapple pile

HELB=helicopter landing burn
UB=underburn
GPB=grapple pile burn
LPB= landing pile burn

NEPA 26217 Sardine/Margie
SALE 20114
WO/RO 43.60%
SO 10%
inflation 2.4%

Halls Thin Re-Offer Timber Sale
Brush Disposal Treatment Plan Narrative

All work identified in this Brush Disposal Treatment Plan is included in the NEPA documentation for the Sardine and Margie EAs, which are on file at the Detroit Ranger District office. The BD plan incorporates the following national collection rate for program support of 43.6%; and Forest collection rate for program support of 10%.

Also included in the costs is an estimate of the inflation percentage for the period between the time this plan was prepared and the time when the work will be accomplished. Annual inflation rate was calculated in the base cost figure for each project at 2.4%/yr.

BD Treatments:

1. Fuels Inventory

Conduct pre-harvest fuels inventories on all Subdivisions (total 401 acres) and post harvest fuel inventories in units # 7, 37, 37a, 39, 63 and 72 (total of 79 acres) for the preparation of the Burn Plan for each unit requiring prescribed burning in accordance with the silvicultural prescription of the BD Plan.

$$(\$18/\text{ac}) \times (1.024 \text{ inf. } 2012) \times (1.024 \text{ inf. } 2013) \times (1.024 \text{ inf. } 2014) \times (1.024 \text{ inf. } 2015) \times (1.024 \text{ inf. } 2016) \times (1.1 \text{ S.O.}) \times (1.436 \text{ W.O.}) \times (401 \text{ ac}) = \$12,837$$

2. Underburn

Underburn Subdivisions #7, 37, 37a, 39, 63, and 72 (total of 79 acres) to reduce fuels hazard resulting from increased slash loads from harvest operations.

Current cost for underburning is \$700.0/ac with an expected accomplishment within 3 years of harvest completion.

$$(\$700/\text{ac}) \times (1.024 \text{ inf. } 2012) \times (1.024 \text{ inf. } 2013) \times (1.024 \text{ inf. } 2014) \times (1.024 \text{ inf. } 2015) \times (1.024 \text{ inf. } 2016) \times (1.1 \text{ S.O.}) \times (1.436 \text{ W.O.}) \times (79 \text{ ac}) = \$98,349$$

3. Pile Burning

Burn landings in all Subdivisions (total 119 acres). Burn grapple piles in subdivisions # 21, 27, 370, 380, 390, 400, 401, 402, 410, 411 (total of 37 acres) to reduce fuels hazard resulting from increased slash loads from harvest operations.

$$(\$100/\text{ac}) \times (1.024 \text{ inf. } 2012) \times (1.024 \text{ inf. } 2013) \times (1.024 \text{ inf. } 2014) \times (1.024 \text{ inf. } 2015) \times (1.024 \text{ inf. } 2016) \times (1.1 \text{ S.O.}) \times (1.436 \text{ W.O.}) \times (116 \text{ ac}) = \$20,630 \text{ (grapple and landing piles)}$$

$$(\$110/\text{ac}) \times (1.024 \text{ inf. } 2012) \times (1.024 \text{ inf. } 2013) \times (1.024 \text{ inf. } 2014) \times (1.024 \text{ inf. } 2015) \times (1.024 \text{ inf. } 2016) \times (1.1 \text{ S.O.}) \times (1.436 \text{ W.O.}) \times (55 \text{ ac}) = \$10,760 \text{ (helicopter landing piles)}$$