

“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.”

<b>BRUSH DISPOSAL TREATMENT PLAN</b> (Ref. FSH 2409.19)	<b>1. Forest</b> Willamette		<b>2. District/Unit</b> Detroit			
	<b>3. Sale Name</b> POWER THIN(20143)		<b>4. Award Date</b>			
<b>5. Compartments or GIS Reference</b>	<b>6. Type of Plan</b> <input checked="" type="checkbox"/> Original <input type="checkbox"/> Final  <input type="checkbox"/> Revision #	<b>7. Purchaser</b>		<b>8. Contract Number</b>		
<b>9. List of Projects</b>		<b>10. Work Activity</b>	<b>11. Unit of Work</b>	<b>12. Cost Per Unit</b>	<b>13. No. of Units</b>	<b>14. Cost</b>
Fuel Inventory		HF	Acres	\$22.74	316.0	\$7,185
Underburn - Low Intensity (Majority of Unit)		HF	Acres	\$1,010.83	166.0	\$167,798
Underburn - Low Intensity (Majority of Unit)		HF	Acres	\$252.70	4.0	\$1,011
Burning of Piled Material		HF	Acres	\$189.53	74.0	\$14,025
Burning of Piled Material		HF	Acres	\$157.94	10.0	\$1,579
Fireline Construction		HF	Miles	\$6,671.57	0.9	\$6,004
Fireline Construction		HF	Miles	\$5,280.00	0.0	\$0
Piling of Fuels, Hand or Machine		HF	Acres	\$450.00	0.0	\$0
<b>15. Total Project Cost:</b>					<b>\$197,603</b>	
<b>16. National Program Support Cost (line 15 multiplied by National Program Support Rate)</b>					<b>\$72,718</b>	
<b>17. Total Cost of Funded Work (Sum of line 15 and 16) (Required Bid Deposit Amount)</b>					<b>\$270,321</b>	
<b>18. Remarks:</b> Forest Collection Rate : 10.00% National Collection Rate for Program Support: 36.8% Inflation Rate: 2% Rate Remarks: Forest Rate PPPP does not include the Forest Collection Rate or National Collection Rate for Program Support.						
<b>19. Signature(Prepared by)</b>		<b>Title</b>		<b>Date</b>		
<b>20. Signature(Recommended by)</b>		<b>Title</b>		<b>Date</b>		
<b>21. Signature (Approved by)</b>		<b>Title</b>		<b>Date</b>		

<b>Detailed listing of Brush Disposal Activities (Working Copy)</b>	<b>(1) Proclaimed Forest</b> Willamette	<b>(2) District/Unit</b> Detroit
<b>(3) Sale Name</b> POWER THIN(20143)	<b>(4) Award Date</b>	<b>(5) Compartment Or GIS Reference</b>
<b>(6) Type of Plan</b> <input checked="" type="checkbox"/> Original <input type="checkbox"/> Final <input type="checkbox"/> Revision #	<b>(7) Purchaser</b>	<b>(8) Contract Number</b>

<b>(9) List of Activity Fuels Treatment Projects</b>		<b>Local Qualifier</b>	<b>(10) Work Activity</b>	<b>(11) Unit of Work</b>	<b>(12) Cost Per Unit</b>	<b>(13) Projects by Fund Code</b>			<b>(14) BD Funded Pojects</b>	
<b>a) Subunit</b>	<b>b) Activity</b>					<b>a) Fund Code</b>	<b>b) No. of Units</b>	<b>c) Total Cost</b>	<b>a) No. of Units</b>	<b>b) Total Cost</b>
0618040004026991000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	33.0	\$750	33.0	\$750
0618040004026992000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	21.0	\$477	21.0	\$477
0618040004026994000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	20.0	\$455	20.0	\$455
0618040004026995000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	28.0	\$637	28.0	\$637
0618040004026996000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	3.0	\$68	3.0	\$68
0618040004026997000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	11.0	\$250	11.0	\$250
0618040004026998000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	5.0	\$114	5.0	\$114
0618040004026999000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	3.0	\$68	3.0	\$68
0618040004027000000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	16.0	\$364	16.0	\$364
0618040004027001000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	8.0	\$182	8.0	\$182
0618040004027002000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	18.0	\$409	18.0	\$409
0618040004027003000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	2.0	\$45	2.0	\$45
0618040004027004000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	16.0	\$364	16.0	\$364
0618040004027005000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	35.0	\$796	35.0	\$796
0618040004027006000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	74.0	\$1,683	74.0	\$1,683
0618040004027007000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	14.0	\$318	14.0	\$318
0618040004027008000	Fuel Inventory	N/A	HF	Acres	\$22.74	BDBD	9.0	\$205	9.0	\$205
0618040004026991000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$1,010.83	BDBD	33.0	\$33,358	33.0	\$33,358
0618040004026992000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$252.70	BDBD	2.0	\$505	2.0	\$505
0618040004026992000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$1,010.83	BDBD	10.0	\$10,108	10.0	\$10,108

(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
0618040004026994000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$252.70	BDBD	2.0	\$505	2.0	\$505
0618040004026997000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$1,010.83	BDBD	11.0	\$11,119	11.0	\$11,119
0618040004027000000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$1,010.83	BDBD	16.0	\$16,173	16.0	\$16,173
0618040004027001000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$1,010.83	BDBD	8.0	\$8,087	8.0	\$8,087
0618040004027006000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$1,010.83	BDBD	74.0	\$74,802	74.0	\$74,802
0618040004027007000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$1,010.83	BDBD	14.0	\$14,152	14.0	\$14,152
0618040004026992000	Burning of Piled Material	N/A	HF	Acres	\$189.53	BDBD	5.0	\$948	5.0	\$948
0618040004026994000	Burning of Piled Material	N/A	HF	Acres	\$189.53	BDBD	9.0	\$1,706	9.0	\$1,706
0618040004026995000	Burning of Piled Material	N/A	HF	Acres	\$189.53	BDBD	15.0	\$2,843	15.0	\$2,843
0618040004026996000	Burning of Piled Material	N/A	HF	Acres	\$157.94	BDBD	3.0	\$474	3.0	\$474
0618040004026998000	Burning of Piled Material	N/A	HF	Acres	\$157.94	BDBD	5.0	\$790	5.0	\$790
0618040004026999000	Burning of Piled Material	N/A	HF	Acres	\$189.53	BDBD	2.0	\$379	2.0	\$379
0618040004027002000	Burning of Piled Material	N/A	HF	Acres	\$189.53	BDBD	11.0	\$2,085	11.0	\$2,085
0618040004027003000	Burning of Piled Material	N/A	HF	Acres	\$157.94	BDBD	2.0	\$316	2.0	\$316
0618040004027004000	Burning of Piled Material	N/A	HF	Acres	\$189.53	BDBD	8.0	\$1,516	8.0	\$1,516
0618040004027005000	Burning of Piled Material	N/A	HF	Acres	\$189.53	BDBD	19.0	\$3,601	19.0	\$3,601
0618040004027008000	Burning of Piled Material	N/A	HF	Acres	\$189.53	BDBD	5.0	\$948	5.0	\$948
0618040004026991001	Fireline Construction	N/A	HF	Miles	\$6,671.57	BDBD	0.3	\$2,001	0.3	\$2,001
0618040004026992001	Fireline Construction	N/A	HF	Miles	\$6,671.57	BDBD	0.4	\$2,669	0.4	\$2,669
0618040004026997001	Fireline Construction	N/A	HF	Miles	\$6,671.57	BDBD	0.2	\$1,334	0.2	\$1,334
<b>Subtotal for Fund Code BDBD</b>								<b>\$197,603</b>		
0618040004027000001	Fireline Construction	N/A	HF	Miles	\$5,280.00	PPPP	0.1	\$528		
0618040004027001001	Fireline Construction	N/A	HF	Miles	\$5,280.00	PPPP	0.3	\$1,584		
0618040004027006001	Fireline Construction	N/A	HF	Miles	\$5,280.00	PPPP	1.0	\$5,280		
0618040004027007001	Fireline Construction	N/A	HF	Miles	\$5,280.00	PPPP	0.2	\$1,056		
0618040004026996000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$450.00	PPPP	3.0	\$1,350		
<b>Subtotal for Fund Code PPPP</b>								<b>\$9,798</b>		

(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
<b>15. Total BD work funded</b>										<b>\$197,603</b>
<b>16. National Program Support(line 15 multiplied by National Program Support Rate)</b>										<b>\$72,718</b>
<b>17. Total Cost of Funded Work (Sum of line 15 and 16)(Required Bid Deposit Amount)</b>										<b>\$270,321</b>
<b>18. Remarks:</b>										
Forest Collection Rate: 10.00%										
National Collection Rate for Program Support: 36.8%										
Inflation Rate: 2%										
Rate Remarks:										
PPPP does not include the Forest Collection Rate or National Collection Rate for Program Support.										

**Power Thin Timber Sale**  
**Brush Disposal Treatment Plan Narrative**

All work identified in this Brush Disposal Treatment Plan is included in the NEPA documentation for the Margie EA, which is on file at the Detroit Ranger District office. The BD plan incorporates the following national collection rate for program support of 36.8%; 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%/yr.

BD Treatments:

1. Fuels Inventory

Conduct pre-harvest fuels inventories on all subdivisions (total of 316 acres) and post-harvest inventories on subdivisions # 84, 85, 85g, 87g, 91, 140, 141, 210 & 280 (total of 170 acres) for the preparation of the burn plan for each unit requiring burning in accordance with the silvicultural prescription of the BD Plan.

$(\$18/\text{ac}) \times (1.02 \text{ inf. } 2013) \times (1.02 \text{ inf. } 2014) \times (1.02 \text{ inf. } 2015) \times (1.02 \text{ inf. } 2016) \times (1.02 \text{ inf. } 2017) \times (1.02 \text{ inf. } 2018) \times (1.02 \text{ inf. } 2019) \times (1.1 \text{ S.O.}) \times (1.368 \text{ W.O.}) \times (316 \text{ ac}) = \$9,832$
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2. Grapple and Landing Pile Burning

Burn landing piles in subdivisions # 92 & 190 (total of 7 acres). Burn grapple piles in subdivision # 90 (total of 3 acres) to reduce fuels hazard resulting from increased slash loads from harvest operations.

$(\$125/\text{ac}) \times (1.02 \text{ inf. } 2013) \times (1.02 \text{ inf. } 2014) \times (1.02 \text{ inf. } 2015) \times (1.02 \text{ inf. } 2016) \times (1.02 \text{ inf. } 2017) \times (1.02 \text{ inf. } 2018) \times (1.02 \text{ inf. } 2019) \times (1.1 \text{ S.O.}) \times (1.368 \text{ W.O.}) \times (10 \text{ ac}) = \$2,161$
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3. Helicopter Landing Pile Burning

Burn helicopter landing piles in subdivisions # 85, 87, 88, 88g, 94, 150, 151, 152, 160, 180, 181, 300 & 301 (total of 74 acres) to reduce fuels hazard resulting from increased slash loads from harvest operations.

$(\$150/\text{ac}) \times (1.02 \text{ inf. } 2013) \times (1.02 \text{ inf. } 2014) \times (1.02 \text{ inf. } 2015) \times (1.02 \text{ inf. } 2016) \times (1.02 \text{ inf. } 2017) \times (1.02 \text{ inf. } 2018) \times (1.02 \text{ inf. } 2019) \times (1.1 \text{ S.O.}) \times (1.368 \text{ W.O.}) \times (74 \text{ ac}) = \$19,187$
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4. Underburning Gaps

Underburn gaps in subdivisions # 85g & 87g (total of 4 acres) to reduce fuels hazard resulting from increased slash loads from harvest operations.

$(\$200/\text{ac}) \times (1.02 \text{ inf. } 2013) \times (1.02 \text{ inf. } 2014) \times (1.02 \text{ inf. } 2015) \times (1.02 \text{ inf. } 2016) \times (1.02 \text{ inf. } 2017) \times (1.02 \text{ inf. } 2018) \times (1.02 \text{ inf. } 2019) \times (1.1 \text{ S.O.}) \times (1.368 \text{ W.O.}) \times (4 \text{ ac}) = \$1,383$
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## 5. Underburn Units

Underburn in subdivisions # 84, 85, 91, 140, 141, 210 & 280 (total of 166 acres) to reduce fuels hazard resulting from increased slash loads from harvest operations.

$$(\$800/\text{ac}) \times (1.02 \text{ inf. } 2013) \times (1.02 \text{ inf. } 2014) \times (1.02 \text{ inf. } 2015) \times (1.02 \text{ inf. } 2016) \times (1.02 \text{ inf. } 2017) \times (1.02 \text{ inf. } 2018) \times (1.02 \text{ inf. } 2019) \times (1.1 \text{ S.O.}) \times (1.368 \text{ W.O.}) \times (166 \text{ ac}) = \$229,550$$

## 6. Handline

$$(\$1/\text{ft}) \times (1.02 \text{ inf. } 2013) \times (1.02 \text{ inf. } 2014) \times (1.02 \text{ inf. } 2015) \times (1.02 \text{ inf. } 2016) \times (1.02 \text{ inf. } 2017) \times (1.02 \text{ inf. } 2018) \times (1.02 \text{ inf. } 2019) \times (1.1 \text{ S.O.}) \times (1.368 \text{ W.O.}) \times (4,627 \text{ ft}) = \$7,998$$