NOTICE OF SALE

Department of Natural Resources & Conservation Timber Sale

The Wallace Cramer Timber Sale is located within Sections 16 & 21 of T12N-R15W, Section 26 of T12N-R16W and Sections 12, 13, & 24 of T12N-R17W on the State's Missoula Unit. Approximately 29,077 tons, consisting primarily of Douglas-fir sawlogs, are offered for sale.

Sealed bids will be opened at the Department of Natural Resources & Conservation, 2705 Spurgin Road, Missoula, Montana on June 11, 2018 at 2:00 p.m. Bids may be hand delivered or mailed and will be accepted any time prior to the bid opening. DNRC recommends that bidders contact the Trust Land Management Division (406-542-4300) prior to the bid opening to ensure that your bid has been received. Bids must be accompanied by a deposit of $15,004.00, representing 5% of the minimum bid value of the sale in cashier's check, certified check, bank money order or bank draft to be applied to the first sale invoice for the successful bidder. Bid bonds will be accepted and, for the successful bidder, will be closed upon execution of the Timber Sale Contract and Timber Sale Bond.

The sale will be awarded to the highest responsible bidder. If the successful bidder is unable to execute the contract within 30 calendar days from the date the sale is awarded, the bid deposit will be retained by the Department as liquidated damages. The right is reserved to reject any or all bids.

Prospective bidders can obtain the sale prospectus, sale contract and bid forms from the Department of Natural Resources & Conservation, Trust Land Management Division, in Missoula (406-542-4300).

<table>
<thead>
<tr>
<th>Timber Sale Name:</th>
<th>Wallace Cramer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber Sale Location:</td>
<td>Sections 12, 13, &amp; 24 T12N R17W, Section 26 T12N R16W, Sections 16 &amp; 21 T12N R15W</td>
</tr>
</tbody>
</table>

For specific sale information, contact: Scott Allen  
Phone: 406-542-5810  
Missoula Unit Office

For copies of the Timber Sale Contract and bid forms, contact:  
Phone: 406-542-4300  
Forest Management Bureau DNRC Missoula Office  
Phone: 406-542-4200  
Southwestern Land Office

**General Bidding Information**

1. Bids must be submitted on standard Department of Natural Resources & Conservation (Dept) bid forms.

2. Timber will be sold to the highest responsible bidder; however, the Dept reserves the right to reject any or all bids.

3. The Dept recommends that bidders contact the Forest Management Bureau, Trust Land Management Division (542-4300) prior to the bid opening to ensure that your bid has been received.

4. A *Bid Guarantee* must accompany all bids and must be in the form of cash, cashiers check, certified check, money order, bank draft, surety bond or irrevocable letter of credit.

5. The Purchaser must submit a *Performance Bond* to the Dept within a maximum of 45 days of notification of sale award. The bond amount will be, at a minimum, 20% of the total bid value of the sale. The performance bond may be in the form of cash, irrevocable letter of credit, surety bond or certificate of deposit. The performance bond must be maintained separately from other payments for the duration of the sale contract. See the Timber Sale Contract for additional information.

6. The purchaser must submit an *Advance Stumpage Payment* prior to cutting any timber. The amount of the advance stumpage payment will be based on the expected harvest rate and the bid value of the stumpage. The advance stumpage payment may be in the form of cash, irrevocable letter of credit, payment bond or certificate of deposit.

7. At rates specified in the Contract, the purchaser will pay *Forest Improvement Fees* on all sawlog volume. All applicable *Road Use and/or Maintenance fees* will also be paid by the Purchaser in addition to stumpage payments.

8. This sale is being sold based on the gross weight of all species. Minimum price and bid price are on a per ton basis. Unless specified, the price applies to all species, green and dead. Price may vary by product. Billing will be based on gross weight. A weight ticket from a certified scale is required for each load hauled, regardless of product type.

9. The Dept has estimated the net scale merchantable sawlog volume to be available for purchase under this contract. Other products may be part of this sale. All delivered wood will be weighed and billed at per ton bid rates. The Dept recognizes that a percentage of delivered wood may not meet the log manufacturing and recovery standards of the timber sale contract. The actual percentage will vary based on the log manufacturing and recovery specifications of the purchaser and tree conditions in the sale area. The actual delivered weight may vary, resulting in an overrun or under-run of the estimated tonnage. The Dept strongly recommends that bidders evaluate these effects before bidding.

10. The Dept does not conduct detailed road appraisals. All appraised costs are gross estimates or averages, provided only to show the relative amount of work required, and not the true market value. The Dept strongly recommends that bidders make their own estimates based on contract requirements. Cost estimates provided are not guaranteed.

11. Bidders are encouraged to examine the complete Timber Sale Package and Sale Area prior to bidding. Additional information is available at the phone numbers shown above.

12. Estimates for sale volume, species percents, defect, product class, etc. provided in this prospectus and volume estimates listed in the sale contract are not guaranteed.

13. *This prospectus is provided for information purposes only.* If the prospectus is in error or contradicts the Timber Sale Contract, the contract governs.
1. This timber sale package originated as three separate timber sales (Ike-Wallace, Sliver Me Timber & Camas Back). You will notice some components of the contract are still separated. For example, attachment B is in two parts, B-1 & B-2. These attachments are both required to be completed.

2. PROSPECTIVE BIDDERS ARE STRONGLY ENCOURAGED TO VISIT THE TIMBER SALE AREA. Arrangements can be made By contacting the Missoula Unit DNRC at (406) 542-5810; for tours or access information PRIOR to visiting sale area.

3. Pay special attention to operating periods for each Unit.

4. OPERATING PERIOD: No activities are permitted during general rifle season in Wallace Sections (mid-October through early-December, see FWP regulations for exact dates depending on year). Lower Cramer has goshawk restrictions-see contract for specific details.

5. LONG DISTANCE FORWARDING/SKIDDING FROM THE YARDER/EXCALINE REQUIRED: Re-skidding distance(s) in unit 4 may be in excess of 2000 feet (ground based forwarding from roadside yarder landing). A combination of equipment and/or methods may be approved by the Forest Officer.

6. FORWARDING/SKIDDING FROM THE YARDER (Excaline Yarding): Some harvest units will require a yarder capable of working from low standard skid trails and ridgelines required. Logs shall be skidded from the yarder to a roadside deck or landing (Trail 5 is NOT considered a “road”, see Attachment A). (Log trucks CANNOT be used for forwarding; specifically Trail 5, see Attachment A) Erosion control, such as slashing or retaining tops, will be required in skid trails as directed by the Forest Officer. If excavation is required on excaline trails: trails must be reshaped to near natural contours. A combination of methods and equipment may be approved by the Forest Officer.

7. Weed spraying is required in this contract, it shall be done by a commercial applicator licensed by the State of Montana or by personnel under the direct supervision of the licensed applicator. All herbicide applications shall follow EPA label requirements. Any weed control must comply with the current standards of the County Weed Board and as directed by the Forest Officer.

8. (1) 57" x 38" x 46-foot Arch CMP installation is required at the 0.39 mile of Main Dirty-Ike. CMP WILL be supplied by the DNRC. Three additional CMP installations are required in Cramer Creek, See attachment B-2 for details.

9. Extra caution must be used when clearing rocks from Scree City road MP1.25 - MP 2.00. Traffic on Main Dirty-Ike road must be stopped while working on this section. The Forest Officer must be on site or approve a public traffic mitigation plan.

10. WEEKDAY RESTRICTION: Harvest related activities may only be conducted during the normal weekday; Monday-Friday. (Harvest Units 4 and 6)

11. GRID ROLLING ROAD PRISMS: Grid rolling the road prisms is required on Easy Road new construction; station 10+00 through station 12+00. However, if rock scree is suitably broken/fractured with dozer or additional fill is used, Forest Officer may waive the need for grid rolling following an inspection.

12. UNITS 13, 14, 15 & 16 Leave Trees are MARKED ORANGE TO LEAVE.

13. MECHANICAL SCARIFICATION IS REQUIRED IF WINTER LOGGING TAKES PLACE IN UNITS 14, 15 & 16. (See contract)

14. DUST ABATEMENT IS A REQUIREMENT IN THIS CONTRACT. SEE CONTRACT FOR DETAILS

UPDATE: The county road accessing the Cramer section of the timber sale has been damaged by flooding and is currently not drivable. To view that area, take the Bearmouth exit, head east on the frontage road approximately 5-6 miles and turn north and head up Bear gulch. Travel north for approximately 4-5 miles and take a left onto 10 mile road. Follow attached map (last page of this prospectus) from there.
## Timber Sale Cruise Data

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PP</th>
<th>DF</th>
<th>WL</th>
<th>LP</th>
<th>ES</th>
<th>WF</th>
<th>CE</th>
<th>Dead</th>
<th>TOTAL or AVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Bid per ton</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$10.32</td>
</tr>
<tr>
<td>Estimated tons of sawlogs (5.6&quot; top DIB)</td>
<td>1,697</td>
<td>27,027</td>
<td>112</td>
<td>186</td>
<td></td>
<td></td>
<td></td>
<td>55</td>
<td><strong>29,077 tons</strong></td>
</tr>
<tr>
<td>Estimated tons of other material (pulp, etc)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 tons</td>
</tr>
<tr>
<td>Gross MBF (Scribner 5.6&quot; top DIB)</td>
<td>350</td>
<td>4,716</td>
<td>19</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td>26</td>
<td><strong>5,142 MBF</strong></td>
</tr>
<tr>
<td>% Cull and Breakage</td>
<td>27</td>
<td>22</td>
<td>21</td>
<td>10</td>
<td>42</td>
<td></td>
<td></td>
<td></td>
<td><strong>22.9%</strong></td>
</tr>
<tr>
<td>Net MBF (Scribner 5.6&quot; top DIB)</td>
<td>257</td>
<td>3,656</td>
<td>15</td>
<td>28</td>
<td></td>
<td></td>
<td></td>
<td>11</td>
<td><strong>3,967 MBF</strong></td>
</tr>
<tr>
<td>Average logs per MBF</td>
<td>20</td>
<td>27</td>
<td>48</td>
<td>37</td>
<td></td>
<td></td>
<td></td>
<td>49.9</td>
<td><strong>23.8 logs/M</strong></td>
</tr>
<tr>
<td>Average DBH</td>
<td>14.2</td>
<td>13.2</td>
<td>9.5</td>
<td>9.6</td>
<td></td>
<td></td>
<td></td>
<td>13.2</td>
<td><strong>12.9 in.</strong></td>
</tr>
<tr>
<td>Average tons per acre harvested in leave-tree marked units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>32 tons/ac</strong></td>
</tr>
<tr>
<td>Average tons per acre harvested in cut-tree-marked units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Average MBF to cut per acre on the timber sale</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>5.7 MBF/ac</strong></td>
</tr>
<tr>
<td>Range of cut trees per acre based on unit cruise</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Contact Missoula Unit for area specific information</td>
</tr>
</tbody>
</table>

**Calculated Sampling Error:** Total cruised volume will fall between

### Tons Per Thousand Board Feet

| Contract Value - Estimated tons hauled per thousand Scribner board feet | 29,077 estimated tons to a 5.6 inch top / 3,967 Net MBF Scribner to a 5.6 inch top DIB | **7.33 tons/MBF** |

### Contract Information

| Contract Termination Date: | 10/15/2021 |
| Operating Period: | See contract for specific operating restrictions |
### Logging Information

| % of volume logged by clearcut or seed tree cut | 00% |
| % of volume logged with tractors | 66% |
| % of volume logged by skyline | 34% |
| % of volume logged by other system (specify) | 00% |
| Yarding distance tractor (average) | 600 ft. |
| Yarding distance skyline (average) | 1100 ft. |
| Yarding distance other system (specify) | 0 ft. |
| Estimated haul distance (paved) | 65.0 miles |
| Estimated haul distance (unpaved) | 10.0 miles |

### Road development and maintenance fees and estimates

- Estimated road development cost total: $114,479
- Estimated road development cost per ton: $3.94/ton
- Estimated road development cost per MBF: $28.86/MBF
- Estimated Purchaser-do road maintenance cost to: $59,735
- Estimated Purchaser-do road maintenance cost per ton: $2.05/ton
- Private road maintenance charges per ton: $0.00/ton
- USFS road maintenance charges per ton: $0.00/ton
- Miles of road construction: 3.8 miles
- Miles of road reconstruction: 1.4 miles
- Miles of road with site improvements: 0.0 miles
- Miles of road reclamation or abandonment: 2.1 miles
- Miles of road maintenance and blading: 36.4 miles

### Purchaser fees and estimated costs

- Forest Improvement fee per MBF: $10.40/MBF
- Forest Improvement fee per ton: $1.42/ton
- Forest Improvement fee estimated total: $41,289.34
- Forest Improvement fee quarterly installment: $6,881.56
- Estimated Purchaser-do FI total: $15,978
- Estimated Purchaser-do FI per ton: $0.55/ton
- Estimated Purchaser-do slash disposal work total: $0.00
- Estimated Purchaser-do slash disposal work per ton: $0.00/ton

### Forest Improvement fee quarterly installment

<table>
<thead>
<tr>
<th>Unit #</th>
<th>Acres</th>
<th>Est MBF</th>
<th>Harvest Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>56</td>
<td>237</td>
<td>September 1, 2020</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>5</td>
<td>September 1, 2020</td>
</tr>
<tr>
<td>3</td>
<td>14</td>
<td>34</td>
<td>September 1, 2020</td>
</tr>
<tr>
<td>4</td>
<td>51</td>
<td>285</td>
<td>September 1, 2020</td>
</tr>
<tr>
<td>5</td>
<td>34</td>
<td>198</td>
<td>September 1, 2020</td>
</tr>
<tr>
<td>6</td>
<td>15</td>
<td>68</td>
<td>September 1, 2020</td>
</tr>
<tr>
<td>7</td>
<td>66</td>
<td>408</td>
<td>September 1, 2020</td>
</tr>
<tr>
<td>8</td>
<td>20</td>
<td>68</td>
<td>see contract</td>
</tr>
<tr>
<td>9</td>
<td>17</td>
<td>58</td>
<td>see contract</td>
</tr>
<tr>
<td>10</td>
<td>76</td>
<td>259</td>
<td>see contract</td>
</tr>
<tr>
<td>11</td>
<td>81</td>
<td>276</td>
<td>see contract</td>
</tr>
<tr>
<td>12</td>
<td>32</td>
<td>88</td>
<td>September 15, 2021</td>
</tr>
<tr>
<td>13</td>
<td>33</td>
<td>101</td>
<td>September 15, 2021</td>
</tr>
<tr>
<td>14</td>
<td>44</td>
<td>134</td>
<td>September 15, 2021</td>
</tr>
<tr>
<td>15</td>
<td>80</td>
<td>335</td>
<td>September 15, 2021</td>
</tr>
<tr>
<td>16</td>
<td>276</td>
<td>1,413</td>
<td>September 15, 2021</td>
</tr>
</tbody>
</table>

Total: 899 Ac. 3,967 MBF
Project Name: Wallace Cramer: Wallace Sections
Project Location: Sections 12, 13, & 24 T12N R17W

Project Name: Wallace Cramer: Cramer Sections
Project Location: Sections 16 & 21 T12N R15W & Section 26 T12N R16W
ATTACHMENT A

WALLACE CRAMER (WALLACE CREEK)
Sections 12, 13, and 24 T12N R17W

Connection Trail
Eliminator Road
Upper Goat Road
Upper Goat Right Road
Lower Goat Road

Legend

Harvest Unit Boundaries:
Blue 3 stripe with blue flagging
SMZ Boundaries:
Orange 2 dot paint with SMZ flagging
New Road Construction Center Line:
Pink paint with pink flagging
Levee Tree Marking:
Levee tree painted in blue

Road Name
Easy Road
Eliminator Road
New Road Construction
Partial Abandoned Roads

Road_Name
Trail_Name
Trail 1
Trail 2
Trail 3
Trail 4
Trail 5

ROADS

011 012 013 014 007 023 024
WALLACE CRAMER (WALLACE CREEK) TIMBER SALE HAUL ROUTE

Sections 12, 13 and 24 T12N R17W

Legend

Haul Route

Main Dirty-Ike Road
Scree City Road
Eliminator Road
Easy Road
CMP replacement
Harvest Units: All live trees are marked with a blue horizontal stripe around the bole of the tree. Trees marked with a blue "W" or "WL" are wildlife trees and also must be left. Protect the residual stand and regeneration during all aspects of the harvest operations. Long butt in the woods and use existing sod trails and landings whenever possible. A class 3 stream exists in the northern portion of unit 2. Follow prescription within SMZ (leave trees painted blue). Trees marked with an orange horizontal stripe and butt mark are cut trees.

Harvest Boundaries: Blue 3 Stripe and Blue Flagging
Section Lines: Red 3 Stripe and Red Flagging
Streamside Management Zone: Orange paint and Pink SMZ flagging

Unit 8: 20 acres
Unit 9: 17 acres
Unit 10: 76 acres
Unit 11: 81 acres

A. Helena
3/20/2018
Wallace Cramer - Upper Cramer
Sections 16 & 21 T12N R15W
Missoula Unit

Unit 12: All live trees are marked with a blue horizontal stripe around the bole of the tree. Trees marked with a blue "W" or "WL" are wildlife trees and also must be left.
Units 13-16: All live trees are marked with an orange horizontal stripe around the bole of the tree. Trees marked with an orange "V" or "WL" are wildlife trees and also must be left.
All Units: Protect the residual stand and regeneration during all aspects of the harvesting operations. Long butt in the woods and use existing skid trails and landings whenever possible.

- Unit 12: 32 acres
- Unit 13: 33 acres
- Unit 14: 44 acres
- Unit 15: 80 acres
- Unit 16: 276 acres

Harvest Boundaries: Blue 3 Stripe and Blue Flagging
Section Lines: Red 3 Stripe and Red Flagging

A. Helena
2/26/2017