The Clear East Timber Sale is located within Sections 30 & 32, T16N-R14W, and Sections 24 & 26, T16N-R15W on the State’s Clearwater Unit. Approximately 16,902 tons of sawlogs consisting primarily of Douglas-fir, ponderosa pine, western larch, and Engelmann spruce sawlogs are offered for sale.

Sealed bids will be opened at the Department of Natural Resources & Conservation, 2705 Spurgin Road, Missoula, Montana on June 26, 2015 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 $15,440.00, representing 5% of the minimum bid of the sale in cashier’s check, certified check, bank money order or bank draft to be applied to the stumpage 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), the Southwestern Land Office, in Missoula (406-542-4200), or the Clearwater Unit office in Greenough, MT. (406-244-2386).


/s/ SONYA GERMANN, Chief
Forest Management Bureau
Trust Land Management Division

Publication Dates:  May 27, June 3, 10, 17, 2015
TIMBER SALE PROSPECTUS
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

<table>
<thead>
<tr>
<th>Timber Sale Name:</th>
<th>Clear East</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber Sale Location:</td>
<td>4 miles southeast of Seeley Lake, MT. Sections 30 &amp; 32, T16N-R14W Sections 24 &amp; 26, T16N-R15W</td>
</tr>
</tbody>
</table>

For specific sale information, contact: Craig V. Nelson
Phone 406-244-2386 M-Th. 7 am-5:30 pm Clearwater 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 Missoula

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 (406-542-4300) 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, cashier’s 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.
Additional Sale Information:

1. **SKIDDER PILES**: The Purchaser is required to redistribute logging slash by piling a majority of the landing slash into the unit using a grapple skidder. **This will be done on all harvested acres. Some areas may be reduced on open pine slopes within Section 24, T16N-R15W.** These piles will be at least 8 feet tall and will be piled in a way to promote burning (higher NOT wider). These will be placed in larger openings. If another operation is used, it is necessary for the Purchaser to get written approval from the Forest Officer. 70% of the slash shall be left in the unit and 30% in landing piles.

2. **LOPPING AND SLASHING OF LOGGING-DAMAGED TREES REQUIRED**: The Purchaser shall fell all sub-merchantable trees with logging-related root or stem damage, causing lean. The stem shall be completely severed from the stump below the lowest live limb. **Maximum stump height shall be 12 inches on the uphill side.** The Purchaser shall buck and delimb all slash as required to reduce main stems to within 12 inches of the ground from bottom side, and reduce total slash depth, including branches, to within 18 inches of the ground.

3. **WARNING SIGNS REGARDING NEARBY HARVEST**: It will be necessary to have signs that warn potential recreationalists etc. of the harvest and potential danger.

4. **NON-SAWLOG REMOVAL**: Pulp removal is mandatory. The material will be billed at a rate of $1.00/ton.

5. **ROAD SEASON CLOSURE**: No road construction repairs or construction will occur from **October 15 - June 14**. **Given the usual break-up conditions, July 1 is a normal beginning time.**

6. **OCCUPIED GRIZZLY BEAR HABITAT**: Sale area is located within grizzly bear occupied habitat. Operations shall be in compliance with the Timber Sale Contract Attachment D (Working in Bear Habitat).

7. **HERBICIDE APPLICATION**: Purchaser will be required to ensure application of herbicide on **14 miles** of roads in the sale area.

8. **GRASS SEEDING**: The Purchaser shall furnish and apply **250 pounds of specified certified noxious weed-free grass seed** and **1,190 pounds of specified fertilizer** for **1.25 applications on 9.5 acres.**
## Cleareast

### 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>WP</th>
<th>Dead</th>
<th>TOTAL or AVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Bid</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$18.27/ton</td>
</tr>
<tr>
<td>Pounds per cubic foot</td>
<td>62</td>
<td>62</td>
<td>58</td>
<td>57</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated tons of sawlogs (5.6” top DIB)</td>
<td>2,483</td>
<td>13,691</td>
<td>412</td>
<td>316</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>16,902 tons</td>
</tr>
<tr>
<td>Estimated tons of other material (pulp, etc)</td>
<td>44.3</td>
<td>317.5</td>
<td>15.1</td>
<td>5.7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>383 tons</td>
</tr>
<tr>
<td>Gross MBF (Scribner 5.6” top DIB)</td>
<td>436</td>
<td>2,265</td>
<td>73</td>
<td>63</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2,837 MBF</td>
</tr>
<tr>
<td>% Cull and Breakage</td>
<td>16%</td>
<td>18%</td>
<td>19%</td>
<td>14%</td>
<td>17.5%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net MBF (Scribner 5.6” top DIB)</td>
<td>366</td>
<td>1,860</td>
<td>59</td>
<td>54</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2,340 MBF</td>
</tr>
<tr>
<td>Average logs per MBF</td>
<td>17.9</td>
<td>24</td>
<td>30.3</td>
<td>18.7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>23.1 logs/M</td>
</tr>
<tr>
<td>Average DBH</td>
<td>12.2</td>
<td>11.5</td>
<td>10</td>
<td>11.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11.6 in.</td>
</tr>
</tbody>
</table>

### Contract Information

- **Contract ending date**: 7/1/2018
- **Operating Season**: ROADS: June 15 - October 14  HARVESTING: June 15 – February 28
- **Contract length**: 36 months
- **Tons Per Thousand Board Feet**: 16,902 estimated tons to a 5.6 inch top / 2,340 Net MBF Scribner to a 5.6 inch top DIB
- **Calculated Sampling Error**: Total cruised volume will fall between 2,074 and 2,605 Net MBF in 9 out of 10 cruises
- **Contract Value - Estimated tons hauled per thousand Scribner board feet**: 7.2 tons/MBF
## Logging Information

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>% of volume logged by clearcut or seed tree cut</td>
<td>00%</td>
</tr>
<tr>
<td>% of volume logged with tractors</td>
<td>100%</td>
</tr>
<tr>
<td>% of volume logged by ground lead (jammer)</td>
<td>00%</td>
</tr>
<tr>
<td>% of volume logged by skyline</td>
<td>00%</td>
</tr>
<tr>
<td>Yarding distance tractor (average)</td>
<td>600 ft.</td>
</tr>
<tr>
<td>Yarding distance ground lead (average)</td>
<td>N/A</td>
</tr>
<tr>
<td>Yarding distance skyline (average)</td>
<td>N/A</td>
</tr>
<tr>
<td>Estimated haul distance (paved)</td>
<td>4 miles</td>
</tr>
<tr>
<td>Estimated haul distance (unpaved)</td>
<td>4 miles</td>
</tr>
</tbody>
</table>

## Purchaser fees and estimated costs

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Forest Improvement fee perMBF</td>
<td>$22.72/MBF</td>
</tr>
<tr>
<td>Forest Improvement fee per ton</td>
<td>$3.15/ton</td>
</tr>
<tr>
<td>Forest Improvement fee estimated total</td>
<td>$53,241.30</td>
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<tr>
<td>Forest Improvement fee quarterly installment</td>
<td>$8,873.55</td>
</tr>
<tr>
<td>Estimated Purchaser-do FI total $</td>
<td>$17,734</td>
</tr>
<tr>
<td>Estimated Purchaser-do FI per ton</td>
<td>$1.05/ton</td>
</tr>
<tr>
<td>Estimated Purchaser-do slash disposal work total</td>
<td>$0.00</td>
</tr>
<tr>
<td>Estimated Purchaser-do slash disposal work per ton</td>
<td>$0.00/ton</td>
</tr>
<tr>
<td>Bid Guarantee (total $)</td>
<td>$15,440.00</td>
</tr>
<tr>
<td>Performance Bond</td>
<td>20% of bid value</td>
</tr>
</tbody>
</table>

## Road development and maintenance fees and estimates

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated road development cost total</td>
<td>$68,405</td>
</tr>
<tr>
<td>Estimated road development cost per ton</td>
<td>$4.05/ton</td>
</tr>
<tr>
<td>Estimated road development cost perMBF</td>
<td>$29.24/MBF</td>
</tr>
<tr>
<td>Estimated Purchaser-do road maintenance cost total</td>
<td>$5,580</td>
</tr>
<tr>
<td>Estimated Purchaser-do road maintenance cost per ton</td>
<td>$0.33/ton</td>
</tr>
<tr>
<td>Private road maintenance charges per ton</td>
<td>N/A</td>
</tr>
<tr>
<td>USFS road maintenance charges per ton</td>
<td>N/A</td>
</tr>
<tr>
<td>Miles of road construction</td>
<td>2.96 miles</td>
</tr>
<tr>
<td>Miles of road reconstruction</td>
<td>0.39 miles</td>
</tr>
<tr>
<td>Miles of road with site improvements</td>
<td>0.82 miles</td>
</tr>
<tr>
<td>Miles of road reclamation or abandonment</td>
<td>1.17 miles</td>
</tr>
<tr>
<td>Miles of road maintenance and blading</td>
<td>12.65 miles</td>
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</table>

## Unit harvest volume

<table>
<thead>
<tr>
<th>Unit #</th>
<th>Acres</th>
<th>Est Tons</th>
<th>Est MBF</th>
<th>Harvest date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2601</td>
<td>78.9</td>
<td>2,617</td>
<td>367</td>
<td>October 15, 2015</td>
</tr>
<tr>
<td>3201</td>
<td>189.1</td>
<td>3,545</td>
<td>466</td>
<td>October 15, 2015</td>
</tr>
<tr>
<td>3001</td>
<td>29.4</td>
<td>973</td>
<td>136</td>
<td>October 15, 2016</td>
</tr>
<tr>
<td>3002</td>
<td>119.4</td>
<td>3,958</td>
<td>554</td>
<td>October 15, 2016</td>
</tr>
<tr>
<td>2401</td>
<td>29.7</td>
<td>985</td>
<td>138</td>
<td>October 15, 2017</td>
</tr>
<tr>
<td>2402</td>
<td>119.6</td>
<td>3,965</td>
<td>559</td>
<td>October 15, 2017</td>
</tr>
<tr>
<td>2403</td>
<td>22</td>
<td>730</td>
<td>102</td>
<td>October 15, 2017</td>
</tr>
<tr>
<td>2404</td>
<td>3.9</td>
<td>129</td>
<td>18</td>
<td>October 15, 2016</td>
</tr>
</tbody>
</table>

592 Ac. 16,902 tons 2,340 MBF
<table>
<thead>
<tr>
<th>Legal description by trust</th>
<th>Unit harvest volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legal description - subdivisions</td>
<td>Section</td>
</tr>
<tr>
<td>NW 1/4</td>
<td>30</td>
</tr>
<tr>
<td>NW1/4; NE1/4</td>
<td>30</td>
</tr>
<tr>
<td>NE1/4; NENW; NESE</td>
<td>32</td>
</tr>
<tr>
<td>NW 1/4</td>
<td>24</td>
</tr>
<tr>
<td>NE 1/4</td>
<td>24</td>
</tr>
<tr>
<td>NE 1/4</td>
<td>24</td>
</tr>
<tr>
<td>SW 1/4</td>
<td>24</td>
</tr>
<tr>
<td>S1/2 SE; S1/2 SW</td>
<td>26</td>
</tr>
</tbody>
</table>

See **Instructions** for how to fill in this table

Totals: 592 Ac., 16,902 T, 2,340 M