



DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

TIMBER SALE PROSPECTUS #5630

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on April 22, 2016.

LOCATION: GRAYLING MGMT UNIT, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738.

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, GRAYLING MANAGEMENT UNIT, for certain timber on the following described lands:

MOTOR POOL EXPANSION (72-622-16) / T26N, R04W, SEC. 21, SWSW.

T26N, R04W, SEC. 28, NWNW.

Crawford County, Advertised Price \$28,939.90, 30.0 Acres, Hardwood, Red Oak.

SALE NOTE: This timbersale was set up to clear an area for expansion of the Military's Motor Pool Facility. The harvest needs to be completed by July 31, 2016 in order to meet their construction schedule.

The Military's preferred access haul route is the Bypass Road. See attached maps.

RAYBURNS RED AND JACK (72-043-15) / T26N, R03W, SEC. 09, SWSE, E1/2SE.

T26N, R03W, SEC. 10, W1/2SW, S1/2NW.

Crawford County, Advertised Price \$109,097.30, 123.0 Acres, Jack Pine, Red Pine.

SALE NOTE: This sale is located within the Rayburn Track. Access is off of M-72. Specifications are included to protect horse pathway, paved road and residual trees. The paved trail leading north off M-72 adjacent to the stand is not to be operated on by any logging equipment without prior written permission. A new temporary driveway off M-72 will need to be permitted and constructed to provide access to the sale.

Specs. also include the following restrictions: Operating restrictions during scheduled Horse Trail Rides, bark slippage restriction, oak wilt restriction and beetle bark restriction.

This is a very visual sensitive and heavily used area by the public. Since most of sale involves 3rd row thin or overstory removal leaving advanced regeneration, good administration is critical in making sure site is protected visually during harvest.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

OLD 27 & 127 (72-058-15) / T25N, R04W, SEC. 26, SE, SESW.

Crawford County, Advertised Price \$145,917.65, 75.0 Acres, Red Pine, White Pine.

SALE NOTE: The sale has state forest trail access to a Class A county road (Old 27).

Unit #1 contains failed and failing immature plantations that must be chip harvested in order to remove the invading Scotch Pine and allow re-planting to full stocking in Red Pine.

DYER RD LOW LAND (72-646-14) / T27N, R01W, SEC. 30, SE, SESW, S1/2NE.

Crawford County, Advertised Price \$3,082.75, 45.0 Acres, N White Cedar, Spruce/Fir/Tamarack.

SALE NOTE: This is a wet sale - any unharvested wood does not qualify for a refund and may be subject to non-completion penalty (10% of uncomplete units).

Sale has following restrictions: Seasonal operating and military restrictions.

Access to sale is off Dyer Truck Trail.

BID INSTRUCTIONS (VER. 10/01/2014):

1. Scheduled Bid Location, Date, and Time (2/11)

Bids must be received by the Unit Manager, GRAYLING OFFICE, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738, no later than 9:00 a.m. (local time) on April 22, 2016. For further information concerning this sale, contact Susan Thiel at 989-348-6371 extension 7440.

2. Bidder's Qualifications (2/12)

Purchaser shall obtain workers compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. If all or part of a timber sale was prepared by a private contractor, that contractor and that contractor's company are not permitted to bid on the timber sale contract. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (1/11)

Bids shall be manually signed in ink; bid prices must be entered for each species and product in the Bid Price column for all material subject to bidding; and all fill-in blanks must be completed. If erasures or other changes appear on the forms, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (6/11)

Bid forms may be obtained from the Unit Manager. All bids must be submitted on the bid form and in an envelope clearly identified as described in this section. NOTE: Only one bid form per bid envelope. Sealed bids must be submitted to the Unit office designated in the prospectus and must be submitted at or prior to the time established in the prospectus. The envelope should show on the outside (a) the sale name or number and (b) the date and time of bid opening as shown in the prospectus. Bids received after the time specified in the sale prospectus are late bids and will be rejected.

5. Public Opening of Sealed Bids (6/13)

If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.

If a bidder, present at a bid opening, has submitted bids on more than one sale, that bidder may withdraw their unopened bid envelopes after being declared the successful bidder on one sale.

6. Award of Contract (1/11)

Award of the contract will be made to the Bidder whose bid, conforming to the prospectus, is most advantageous to the State of Michigan on the basis of total value at rates bid for the estimated quantities. The State reserves the right to reject any bid or waive any minor irregularity in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party.

7. Down Payment (1/11)

The Bidder to whom award is made must make a down payment within 21 days of the sale award. The amount of the down payment will be calculated as shown in the Bond and Payment Schedule of this prospectus. Only cash may be used to meet this requirement.

8. Performance Security (1/11)

As guarantee of faithful performance, a cash bond, certificate of deposit, surety bond or irrevocable letter of credit (LOC) is required within 21 days of the sale award. The amount of the performance security is shown in the Bond and Payment Schedule of this prospectus. If an LOC or surety is used, the coverage must extend for at least 6 months beyond the contract expiration.

9. Timber Sale Contract (9/14)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at www.michigan.gov/timber. Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not

taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 1 year. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the expiration date.

10. Disclaimer of Estimates and Bidder's Warranty of Inspection (1/11)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery. No reliance should be placed on the State of Michigan's estimates of timber quality, quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

11. Certification and Chain-of-Custody (10/14)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate # NSF-SFIS-5Y031-SF5. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

DR. WILLIAM MORITZ

Director

TIMBER SALE INFORMATION

MOTOR POOL EXPANSION (72-622-16)
T26N, R04W, SEC. 21; T26N, R04W, SEC. 28.
Crawford County (Advertised Price \$28,939.90)

SALE NOTE: This timbersale was set up to clear an area for expansion of the Military's Motor Pool Facility. The harvest needs to be completed by July 31, 2016 in order to meet their construction schedule.

The Military's preferred access haul route is the Bypass Road. See attached maps.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. Bids must be at or above the following advertised price for each species:

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|-------------------------|-------------------------|
| Sawtimber | | |
| Mixed Oak | 25.70 MBF | \$ 133.00 / MBF |
| Red Oak | 75.00 MBF | \$ 233.00 / MBF |
| White Oak | 34.40 MBF | \$ 65.00 / MBF |
| Pulpwood | | |
| Mixed Oak | 379.00 Cords | \$ 9.65 / Cord |

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$2,153.45:

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|-------------------------|-------------------------|
| Pulpwood | | |
| B. T. Aspen | 37.00 Cords | \$ 21.85 / Cord |
| Misc. Species 2 | 45.00 Cords | \$ 7.00 / Cord |
| Red Maple | 48.00 Cords | \$ 10.00 / Cord |
| Red Pine | 11.00 Cords | \$ 50.00 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 15.58 percent. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$1,500.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The remainder is due before cutting begins.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 07/31/2016.

Sale Specific Conditions & Requirements

Sale Name: MOTOR POOL EXPANSION

Sale Number: 72-622-16 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

The sale boundary is marked and identified by red paint in addition to a designated unpainted boundary as shown on the timber sale map. Exterior sale boundary lines against state are marked with red paint. The designated unpainted boundaries on the sale's north and east sides are cleared road & fence corridors. Cut painted boundary line trees as directed by the sale administrator at the pre-work meeting.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1, cut all trees that are one (1) inch or more at DBH.

2.1.11 - Description of timber note (2/04)

Note that Other Comm Sp = dead oak. Mixed Oak pulp includes red, white, and northern pin oak. The small amounts of aspen, red maple, and red pine saw were pulped. Red pine pulp contains a small amount of jack pine pulp.

2.2 - Utilization

2.2.2 - Chipping required (5/14)

This area must be chip harvested to facilitate a Military construction project. Whole-tree skidding is needed to reduce the amount of residual slash within the project area. Delimbing or cutting to length outside of the landing will not be allowed without permission from the Military. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter does not apply (G. C. & R. 2.2). This is because the land will be cleared for building.

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is in order to facilitate military requirements.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

Construction of new roads and landings or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be chipped, utilized or otherwise removed from the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, closure will require constructing a four (4') foot high berm of stumps and logs covered with dirt. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

4.4 - Access

4.4.3 - Access gate (12/08)

If the Military allows access from the east through the Camp, the Cantonment fence gates must be manned or locked at all times. This is to prevent someone other than the Purchaser from gaining access to the Camp.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/11)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (6/11)

A post-sale conference on site between the Purchaser and sale administrator is required prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.4 - Oak wilt restriction (6/10)

Within Payment Unit(s) 1, a swath along the west red line must be cleared with extreme care in order to protect oak in the adjacent stand. Within that adjacent oak type, breaking branches and exposing sapwood are not permitted during the period of April 15 to July 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.4 - Soil Protection

5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

7 - Other Conditions

7.2 - Extensions

7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract. The harvest must be completed this spring to meet the Military's construction schedule.

7.10 - Certified Timber

7.10.1 - Non-certified timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed for military training.

**TIMBER SALE MAP**

This information provided by authority of Part 525, 1994 PA 451, as amended.

| Sale Number | Year |
|-------------|------|
| 72 - 622 | 16 |

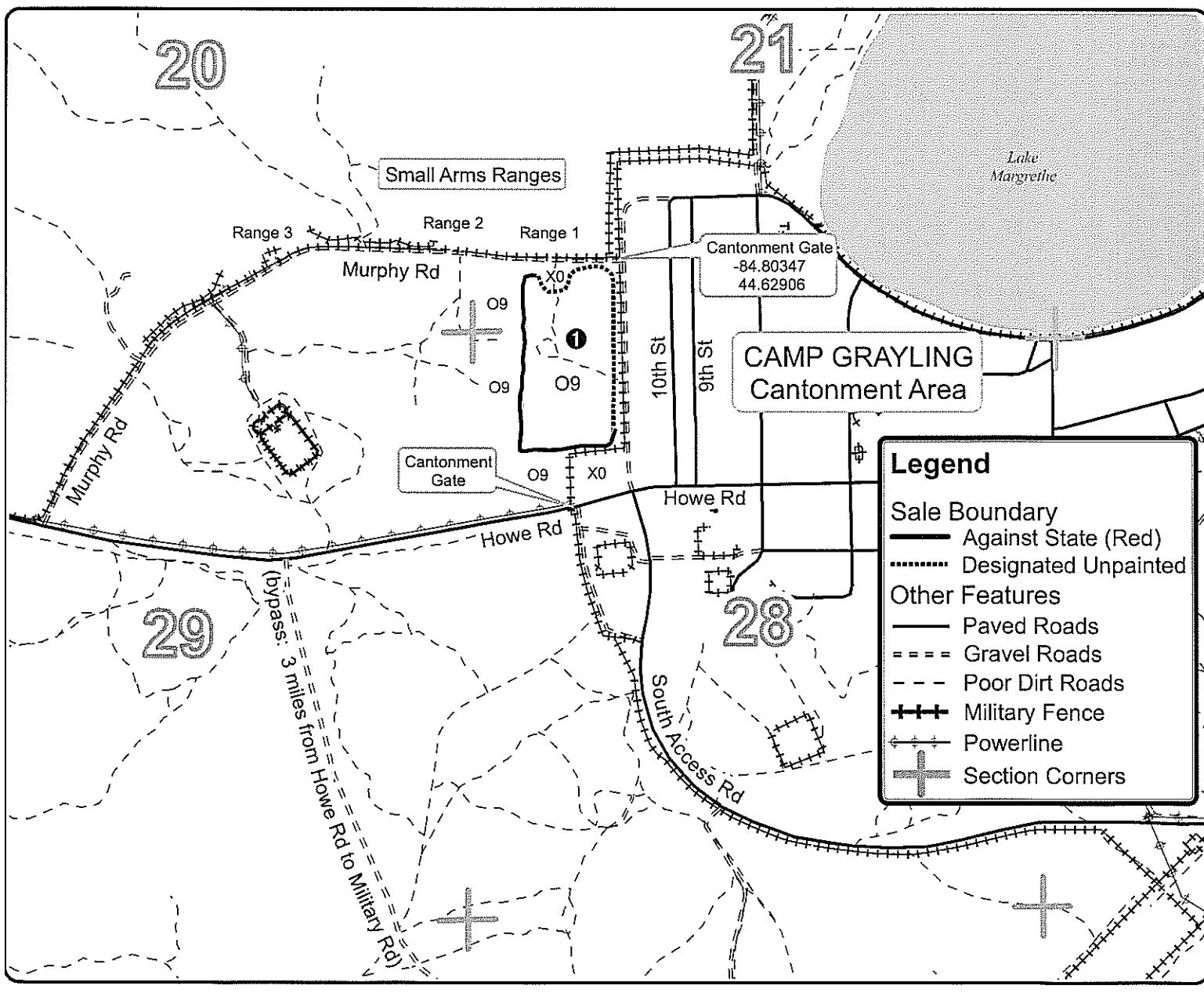
| Forest Management Unit | | County | Mapped By | Charlebois | Date | Page | of |
|------------------------|----------------------|-------------------------------|-------------------|-----------------------------|------------------------|----------|----------------|
| Grayling | | Crawford | Cruised By | Charlebois | 3-22-16 | 1 | 1 |
| Township | Range | Section(s) and Subdivision(s) | | | | Scale | |
| 26N | 04W | Sec 21 - SWSW; Sec 28 - NWNW | | | | 1:15,840 | |
| Cover Type | | | | | | | Density |
| A = Aspen | H = Hemlock | N = Marsh | U = Upland Brush | O = Non Stocked | 5 = Pole Timber Medium | | |
| B = Paper Birch | J = Jack Pine | O = Oak | UM = Upland Mixed | 1 = Seedling Sapling Poor | 6 = Pole Timber Well | | |
| C = Cedar | L = Lowland Brush | P = Lowland Poplar | V = Bog or Marsh | 2 = Seedling Sapling Medium | 7 = Saw Timber Poor | | |
| D = Treed Bog | LM = Lowland Mixed | Q = Mixed Swamp Conifer | W = White Pine | 3 = Seedling Sapling Well | 8 = Saw Timber Medium | | |
| E = Swamp Hdwoods | M = Mpl, Bch, Brch | R = Red Pine | X = Non Stocked | 4 = Pole Timber Poor | 9 = Saw Timber Well | | |
| F = Spruce Fir | MC = Mixed Conifer | S = Black Spruce | Z = Water | | | | |
| G = Grass | MD = Mixed Deciduous | T = Tamarack | | | | | |

**Motor Pool Expansion**

Compartments 184 & 185

30 Acres

| PU | Acres |
|----|-------|
| 1 | 30 |





— Bypass Road
□ PLSS Sections

Access To Motor Pool Cut

2011 Aerial Imagery

0 1mm
2000 feet

SP9-344-6180
MURG-CG-ENW
DS-APR 2016
Bypass Road



TIMBER SALE INFORMATION

RAYBURNS RED AND JACK (72-043-15)

T26N, R03W, SEC. 09; T26N, R03W, SEC. 10.
Crawford County (Advertised Price \$109,097.30)

SALE NOTE: This sale is located within the Rayburn Track. Access is off of M-72. Specifications are included to protect horse pathway, paved road and residual trees. The paved trail leading north off M-72 adjacent to the stand is not to be operated on by any logging equipment without prior written permission. A new temporary driveway off M-72 will need to be permitted and constructed to provide access to the sale.

Specs. also include the following restrictions: Operating restrictions during scheduled Horse Trail Rides, bark slippage restriction, oak wilt restriction and beetle bark restriction.

This is a very visual sensitive and heavily used area by the public. Since most of sale involves 3rd row thin or overstory removal leaving advanced regeneration, good administration is critical in making sure site is protected visually during harvest.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. Bids must be at or above the following advertised price for each species:

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|-------------------------|-------------------------|
| Sawtimber | | |
| Red Pine | 271.80 MBF | \$ 145.00 / MBF |
| Pulpwood | | |
| Jack Pine | 373.00 Cords | \$ 20.20 / Cord |
| Red Pine | 988.00 Cords | \$ 60.00 / Cord |

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$2,871.70:

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|-------------------------|-------------------------|
| Pulpwood | | |
| Mixed Aspen | 97.00 Cords | \$ 19.30 / Cord |
| Red Maple | 98.00 Cords | \$ 10.20 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 15.59 percent. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$6,500.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2018.

Sale Specific Conditions & Requirements

Sale Name: RAYBURNS RED AND JACK

Sale Number: 72-043-15 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and/or yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint, except between Payment Unit(s) 4 and 6, which is marked with red paint. Note that there is a retention island between Payment Unit(s) 4 and 6 that is also bound by red paint and is not to be cut. Most Payment unit boundaries are indicated by a significant change in timber type. If a unit is requested to be split, yellow paint will be used to indicate the new unit lines.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 6, cut all trees that are two (2) inches or more at DBH except Red Pine and Cedar.

2.1.4 - Species designation unit(s) (12/08)

Within Payment Unit(s) 1 and 2, all Jack Pine and Aspen are designated for cutting regardless of merchantability. In Payment Unit(s) 1 and 2, leave all Red Pine, White Pine, and Oak. In Payment Unit(s) 5, all Red Maple and Aspen trees are designated to be cut, regardless of merchantability.

2.1.8 - Designated plantation row unit(s) (12/08)

Within Payment Unit(s) 3 and 4, all trees which meet minimum piece specifications in 2.2 Utilization, within designated plantation rows are designated for cutting. Designated plantation rows are every third row. Begin with the third row in from the outside of the plantation, then continue every third row. Because of the variability of row direction, it shall be the responsibility of the producer to maintain the third row sequence.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees.

2.2.6 - Roundwood operation required (5/07)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit(s) 1, 2, 3, 4 and 5. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 3 and 4 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Supplement.

3.4 - Damaged Timber

3.4.1 - Damaged timber (6/14)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings, particularly white pine regeneration in Payment Unit(s) 1 and 2.

Within the sale area, if more than 20% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$50 per acre for all acreage within that specified portion of the sale area that was damaged.

No damage is acceptable to merchantable trees. Within the sale area, if more than 20% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

4.4 - Access

4.4.3 - Access gate (12/08)

The access gate must be locked at the completion of each day unless otherwise approved by the Unit Manager or his/her representative.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/11)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations in each payment unit to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (6/11)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.1 - Slash within sale area (2/04)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the blue paint line.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (2/04)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 1, 2, 3 4, 5, and 6 operations may be delayed or otherwise altered during scheduled Horse Trail

Rides. Notice will be given to the DNR and the sale administrator will work with the producer to re-locate the operations during the ride. Trail rides typically occur May, June, September and October. This restriction is to ensure safety of the horse riders on the horse trail.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 2, 3 and 4, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.3.4 - Oak wilt restriction (6/10)

Within Payment Unit(s) 1 through 6, unless changed by written agreement, cutting, skidding, and hauling are not permitted during the period of April 15 to July 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

5.2.29 - Shrub protection (9/07)

Do not cut or damage hawthorn, witch-hazel, dogwood or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.2.40 - Pathway protection (10/10)

The Shore-to-Shore trail is a horse trail/hiking trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the sale administrator.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.5 - Protection of Improvements

5.5.3 - Protection of improvements detail (10/13)

The paved trail leading north off M-72 adjacent to the stand is not to be operated on by any logging equipment without prior written permission. Any crossings of the paved trail need to be designed so pavement is not damaged and caution signs are posted to warn users of the trail of logging activity. A new temporary driveway off M-72 will need to be permitted and constructed to provide access to the sale.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on The Shore-to-Shore trail prior to beginning operations. The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed.

**TIMBER SALE MAP**

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number
72-043Year
15

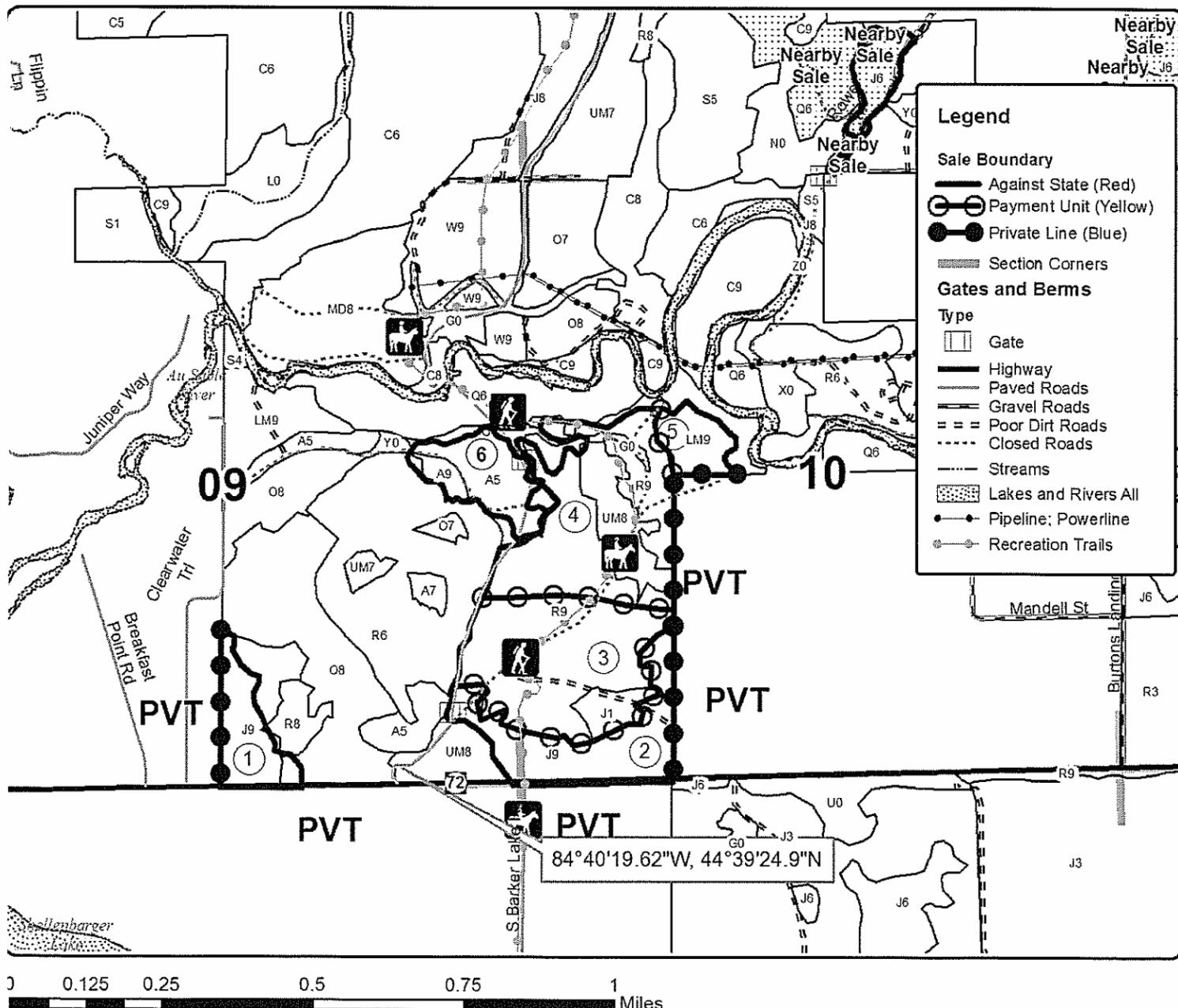
| | | | | | | |
|--|---|---|---|--|---|----------------|
| Forest Management Unit Grayling | | County Crawford | Mapped By Mohney | Date 9/11/2015 | Page 1 | of 1 |
| Township 26N | Range 3W | Section(s) and Subdivision(s) Sec 9 - SWSE, E1/2SE Sec 10 - W1/2SW, S1/2NW | | | Scale 1:15,840 | |
| Cover Type | | | | | | Density |
| A = Aspen B = Paper Birch C = Cedar D = Treed Bog E = Swamp Hdwoods F = Spruce Fir G = Grass | H = Hemlock J = Jack Pine L = Lowland Brush LM = Lowland Mixed M = Mpl, Bch, Brch MC = Mixed Conifer MD = Mixed Deciduous | N = Marsh O = Oak P = Lowland Poplar Q = Mixed Swamp Conifer R = Red Pine S = Black Spruce T = Tamarack | U = Upland Brush UM = Upland Mixed V = Bog or Marsh W = White Pine X = Non Stocked Z = Water | 0 = Non Stocked 1 = Seedling Sapling Poor 2 = Seedling Sapling Medium 3 = Seedling Sapling Well 4 = Pole Timber Poor | 5 = Pole Timber Medium 6 = Pole Timber Well 7 = Saw Timber Poor 8 = Saw Timber Medium 9 = Saw Timber Well | |

| PU | Acres | PU | Acres |
|----|-------|----|-------|
| 1 | 12 | 4 | 34 |
| 2 | 24 | 5 | 4 |
| 3 | 35 | 6 | 14 |

Rayburns Red and Jack

Compartment 300

123 Acres



TIMBER SALE INFORMATION

OLD 27 & 127 (72-058-15)

T25N, R04W, SEC. 26.

Crawford County (Advertised Price \$145,917.65)

SALE NOTE: The sale has state forest trail access to a Class A county road (Old 27).

Unit #1 contains failed and failing immature plantations that must be chip harvested in order to remove the invading Scotch Pine and allow re-planting to full stocking in Red Pine.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. Bids must be at or above the following advertised price for each species:

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | | <u>ADVERTISED PRICE</u> | |
|-------------------------------|-------------------------|-------|-------------------------|--------------|
| Sawtimber | | | | |
| Red Oak | 104.50 | MBF | \$ | 272.00 / MBF |
| Red Pine | 346.50 | MBF | \$ | 189.00 / MBF |
| White Pine | 168.50 | MBF | \$ | 88.00 / MBF |
| Pulpwood | | | | |
| Red Pine | 309.00 | Cords | \$ | 52.00 / Cord |
| White Pine | 535.00 | Cords | \$ | 25.15 / Cord |

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$7,653.90:

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | | <u>ADVERTISED PRICE</u> | |
|-------------------------------|-------------------------|-------|-------------------------|--------------|
| Sawtimber | | | | |
| Mixed Aspen | 10.50 | MBF | \$ | 74.00 / MBF |
| Pulpwood | | | | |
| Mixed Aspen | 86.00 | Cords | \$ | 21.30 / Cord |
| Mixed Oak | 253.00 | Cords | \$ | 10.30 / Cord |
| Red Maple | 186.00 | Cords | \$ | 10.90 / Cord |
| Scotch Pine | 142.00 | Cords | \$ | 2.90 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 12.99 percent. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$7,300.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2018.

Sale Specific Conditions & Requirements

Sale Name: OLD 27 & 127

Sale Number: 72-058-15 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

The sale boundary is marked and identified by red paint. Payment Unit boundaries are designated unpainted as shown on the timber sale map: the east-west trail road between Payment Unit(s) 1 & 3, and the cover type/stand line between Payment Unit(s) 1 & 2. Exterior sale boundary lines against state are marked with red paint. Only cut the red painted boundary line trees that border road, fence, or utility line corridors, and that meet the applicable Included Timber definition.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1 & 2, cut all trees that are one inch or more at DBH in order to facilitate site prep and planting RP to a fully stocked condition.

Within Payment Unit(s) 3, cut all trees that are two inches or more at DBH except leave the Oak, Beech and green-marked trees (RP & WP). Residual for Payment Unit(s) 3 west is 30 sq. ft. Oak. Residual for Payment Unit(s) 3 east is 8 sq ft. combined Oak-RP-WP.

Within Payment Unit(s) 4, cut all trees that are two inches or more at DBH except the green-marked trees (Oak-WP-RP). No residual picked up in cruise plots.

2.1.11 - Description of timber note (2/04)

Note that 7 MBF of Red Maple, 46 MBF of Scotch Pine & 5 MBF of White Oak were pulped, 7 cord of Jack Pine was combined with the Scotch Pine, and 2 cord of Balsam Fir was combined with the White Pine.

2.2 - Utilization

2.2.2 - Chipping required (5/14)

Payment Unit(s) 1-3 must be chip harvested to facilitate subsequent planting operations in Payment Unit(s) 1 & 2 and to reduce the Scotch Pine seed source in Payment Unit(s) 1, 2 & 3. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped, particularly the Scotch Pine top material with cones attached. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter (G.C. & R. 2.2) does not apply because of the need to reduce the Scotch Pine seed source.

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 1, 2 & 3 shall not exceed six inches for all trees, in order to facilitate planting operations in Payment Unit(s) 1 & 2. Stump heights within Payment Unit(s) 4 shall not exceed 18 inches for trees greater than 10 inches DBH and 12 inches for trees smaller than 10 inches DBH. Exceptions may be made for oversized saw clumps.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 2, 3 & 4 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Supplement.

3.4 - Damaged Timber

3.4.1 - Damaged timber (6/14)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, reasonable care should be taken to avoid damage to the oak understory within

Payment Unit(s) 3.

Within Payment Unit(s) 3, if more than 25% of the oak understory within a specified portion of the unit is damaged, liquidated damages will be assessed at \$300 per acre for all acreage within that specified portion of the sale area that was damaged. Operational paths will have to be cut through the oak understory. Oak damaged incidental to harvesting that are cut cleanly at ground level will not count toward the damage area.

3.6 - Payment Unit Cutting Schedule

3.6.1 - Order of cutting (1/09)

Payment Units shall be cut as follows: Payment Unit(s) 1 & 2 must be cut consecutively, without delay in harvesting between them, in order to facilitate site prep and planting in one block.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be chipped, utilized or dispersed into the sale.

4.1.6 - Road construction (1/09)

Construction of new roads and landings or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be chipped and utilized. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, closure may require constructing a four-foot high berm of stumps and logs covered with dirt. Stumps and brush may also need to be placed along portions of the trail. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/11)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning harvest operations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (6/11)

A post-sale conference on site between the Purchaser and sale administrator is required within 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.4 - Oak wilt restriction (6/10)

Within Payment Unit(s) 3, cutting and skidding are not permitted during the period of April 15 to July 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to

chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and skid trails which is 12 inches or greater in depth and 50 feet in length. Regular maintenance/mitigation work may allow for continued operations during spring break-up. Note that King Road is a seasonal county road. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.5 - Protection of Improvements

5.5.3 - Protection of improvements detail (10/13)

The following are specific protection measures for this sale: Protect the US-127 ROW fence during harvest operations.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on the haul route near the King Road/Old 27 intersection prior to beginning operations. The road must be posted to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from insects and diseases impacting the mature Red Pine in Payment Unit(s) 3. Slowly spreading pockets of mortality occur within that unit. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.



TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

| | | | | | | |
|------------------------------------|----------------------|---|--|-------------------|-----------|------------------|
| Forest Management Unit Grayling | | County Crawford | Boundary & marking: Charlebois Cruised by: Charlebois | Date 9-28-2015 | Page 1 | of 1 |
| Township 25N | Range 04W | Section(s) and Subdivision(s) Section 26: SE, SESW | | | | Scale 1:7,920 |
| Cover Type | | | | | | Density |
| A = Aspen | H = Hemlock | N = Marsh | U = Upland Brush | | | |
| B = Paper Birch | J = Jack Pine | O = Oak | UM = Upland Mixed | | | |
| C = Cedar | L = Lowland Brush | P = Lowland Poplar | V = Bog or Marsh | | | |
| D = Treed Bog | LM = Lowland Mixed | Q = Mixed Swamp Conifer | W = White Pine | | | |
| E = Swamp Hdwoods | M = Mpl, Bch, Brch | R = Red Pine | X = Non Stocked | | | |
| F = Spruce Fir | MC = Mixed Conifer | S = Black Spruce | Z = Water | | | |
| G = Grass | MD = Mixed Deciduous | T = Tamarack | | | | |



Old 27 & 127

Compartment 195

75 Acres

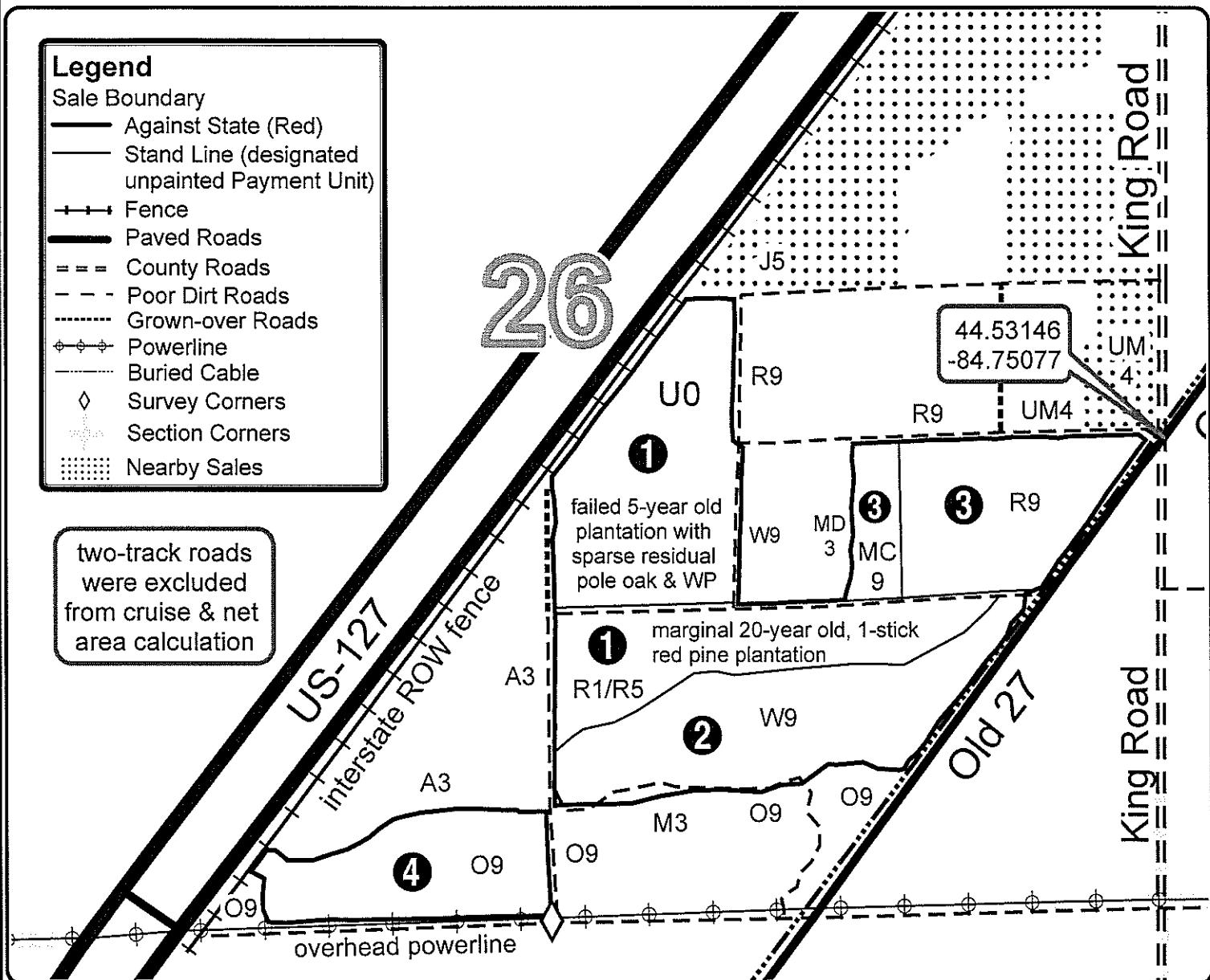
| <u>PU</u> | <u>Acres</u> | <u>PU</u> | <u>Acres</u> |
|-----------|--------------|-----------|--------------|
| 1 N | 18 | 3 W | 3 |
| 1 S | 13 | 3 E | 12 |
| 2 | 18 | 4 | 11 |

Legend

Sale Boundary

- Against State (Red)
 - Stand Line (designated unpainted Payment Unit)
 - +---+ Fence
 - Paved Roads
 - - - County Roads
 - - - Poor Dirt Roads
 - Grown-over Roads
 - ◆◆◆ Powerline
 - Buried Cable
 - ◊ Survey Corners
 - Section Corners
 - Nearby Sales

two-track roads
were excluded
from cruise & net
area calculation



TIMBER SALE INFORMATION

DYER RD LOW LAND (72-646-14)
T27N, R01W, SEC. 30.
Crawford County (Advertised Price \$3,082.75)

SALE NOTE: This is a wet sale - any unharvested wood does not qualify for a refund and may be subject to non-completion penalty (10% of uncomplete units).

Sale has following restrictions: Seasonal operating and military restrictions.

Access to sale is off Dyer Truck Trail.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. Bids must be at or above the following advertised price for each species:

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | | <u>ADVERTISED PRICE</u> | |
|-------------------------------|-------------------------|-------|-------------------------|--------------|
| Pulpwood | | | | |
| Black Spruce | 251.00 | Cords | \$ | 6.00 / Cord |
| Jack Pine | 54.00 | Cords | \$ | 8.00 / Cord |
| N. White Cedar | 65.00 | Cords | \$ | 14.15 / Cord |

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$225.00:

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | | <u>ADVERTISED PRICE</u> | |
|-------------------------------|-------------------------|-------|-------------------------|-------------|
| Pulpwood | | | | |
| Mixed Oak | 20.00 | Cords | \$ | 3.55 / Cord |
| Red Maple | 40.00 | Cords | \$ | 3.85 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 20.16 percent. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$1,000.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2019.

Sale Specific Conditions & Requirements

Sale Name: DYER RD LOW LAND

Sale Number: 72-646-14 Seq#: 3

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

The sale boundary and Payment Unit boundaries are marked and identified by red paint. Dyer Truck Trail is the south boundary for this sale and is unpainted. Exterior sale boundary lines against state are marked with red paint.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1-6, cut all trees that are two (2) inches or more at DBH

2.1.11 - Description of timber note (2/04)

Note that Note that Red Maple has roughly 9 cds of paper birch and 5 cds of mixed aspen; Black Spruce has roughly 33 cds of balsam fir and 8 cds of Tamarack; Jack Pine has roughly 24 cds of red pine.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be chipped, utilized or otherwise dispersed throughout the sale.

4.1.6 - Road construction (1/09)

All new roads must be pre approved by Unit Manager and or Sale Administrator. This is to protect the Dyer Red Pine ERA which is adjacent to the harvest units. Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be chipped, utilized or dispersed throughout the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/11)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to

determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (6/11)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.1.5 - National Guard notification (2/15)

This sale is upon lands utilized for training by the Michigan National Guard - Camp Grayling. A minimum of five (5) business days prior to opening this sale, the producer must request that the sale administrator contact the military for information regarding training plans that may impact sale operations.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (2/04)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) unless changed by written agreement, cutting, skidding, and hauling are limited to the period of December 1st to March 31st. This restriction is because area is very wet and will need cold conditions to facilitate harvest.

5.2.3.7 - National Guard training restriction (1/09)

Operations on this contract may not be allowed during National Guard training operations. Typically, the restricted period is from May 1 to October 31. The contractor must check with the Unit Manager who will coordinate the cutting schedule with the Military. All harvest equipment must be removed from the sale area during the period of May 1 to October 31.

5.2.4 - Dead and Down Creation

5.2.4.1 - Dead and down creation, marked trees (10/13)

All trees marked with a band of red paint along the lowland brush/swamp edge must be cut and dropped towards the edge. Where possible fell pairs of red painted trees so that they overlap.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.8 - Protection of Endangered Species

5.8.1 - Kirtland's warbler (1) (10/12)

This sale is adjacent to a young jack pine stand which may be used by the endangered Kirtland's Warbler. The Department reserves the right to temporarily restrict all harvesting operations in a buffer zone of up to 500 feet if it is determined that Warbler territory has been established in the adjacent stand. The restricted period, if put into effect, would apply from May 1st to August 15th.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Dyer Truck Trail prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

7 - Other Conditions

7.2 - Extensions

7.2.5 - Weather related extension (1/13)

If weather conditions during the operating period of this contract prevent harvesting, this sale may qualify for a weather related extension. If approved, the normal extension fee would be waived. To qualify, there must be a documented attempt each year to harvest in the difficult portion of the sale.

7.10 - Certified Timber

7.10.1 - Non-certified timber (12/05)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed for military training.

**TIMBER SALE MAP**

This information provided by authority of Part 525, 1994 PA 451, as amended.

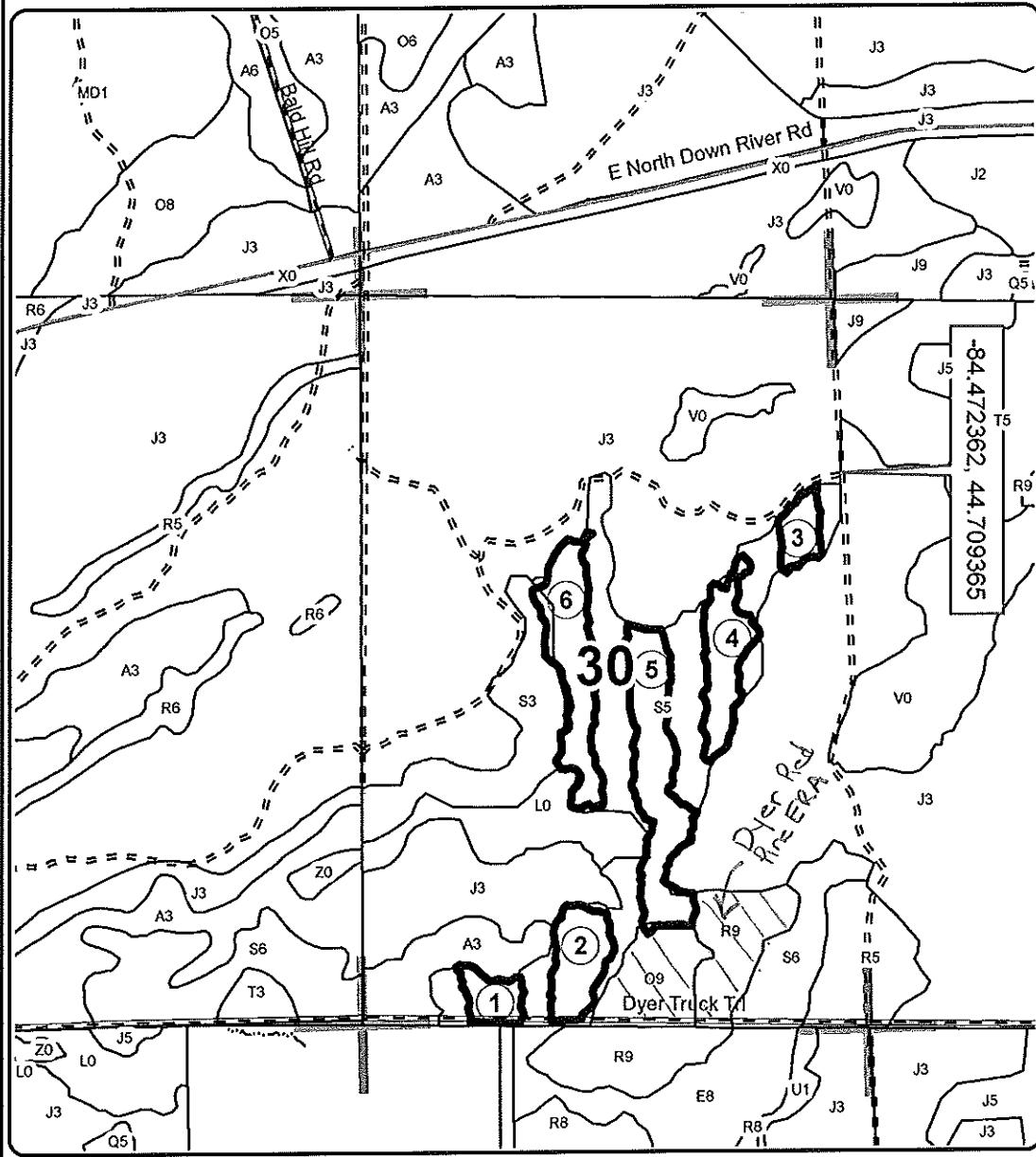
Sale Number
72-646
Year
14

| | | | | | | |
|--|--|---|---|--|---|----------------|
| Forest Management Unit Grayling Unit | | County Crawford | Mapped By Barnes | Date 08/12/2014 | Page 1 | of 1 |
| Township 27N | Range 01W | Section(s) and Subdivision(s) Sec 30 - SE, SESW, S1/2NE | | | Scale 1:15,840 | |
| Cover Type | | | | | | Density |
| A = Aspen B = Paper Birch C = Cedar D = Treed Bog E = Swamp Hdwoods F = Spruce Fir G = Grass | H = Hemlock J = Jack Pine L = Lowland Brush LM = Lowland Mixed M = Mpl, Bch, Brc MC = Mixed Conifer MD = Mixed Deciduous | N = Marsh O = Oak P = Lowland Poplar Q = Mixed Swamp Conifer R = Red Pine S = Black Spruce T = Tamarack | U = Upland Brush UM = Upland Mixed V = Bog or Marsh W = White Pine X = Non Stocked Z = Water | 0 = Non Stocked 1 = Seedling Sapling Poor 2 = Seedling Sapling Medium 3 = Seedling Sapling Well 4 = Pole Timber Poor | 5 = Pole Timber Medium 6 = Pole Timber Well 7 = Saw Timber Poor 8 = Saw Timber Medium 9 = Saw Timber Well | |

| PU | Acres | PU | Acres |
|----|-------|----|-------|
| 1 | 3 | 4 | 8 |
| 2 | 6 | 5 | 14 |
| 3 | 3 | 6 | 11 |

Dyer Rd Low Land

Compartment 278
45 Acres



MOTOR POOL EXPANSION (72-622-16)
T26N, R04W, SEC. 21; T26N, R04W, SEC. 28; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on April 22, 2016, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> | <u>BID PRICE</u> |
|-------------------------------|--------------------------|-------------------------|------------------|
| Sawtimber | | | |
| Mixed Oak | 25.70 MBF | \$ 133.00/MBF | \$ _____ |
| Red Oak | 75.00 MBF | \$ 233.00/MBF | \$ _____ |
| White Oak | 34.40 MBF | \$ 65.00/MBF | \$ _____ |
| Pulpwood | | | |
| Mixed Oak | 379.00 Cords | \$ 9.65/Cord | \$ _____ |

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$2,153.45 :

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|--------------------------|-------------------------|
| Pulpwood | | |
| B. T. Aspen | 37.00 Cords | \$ 21.85/Cord |
| Misc. Species 2 | 45.00 Cords | \$ 7.00/Cord |
| Red Maple | 48.00 Cords | \$ 10.00/Cord |
| Red Pine | 11.00 Cords | \$ 50.00/Cord |

*The volumes are statistically estimated within plus (+) or minus (-) 15.58 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

**THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT
COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE**



Michigan Department of Natural Resources
Forest, Mineral and Fire Management

**TIMBER SALE
VERIFICATION OF WORKER'S DISABILITY
COMPENSATION ACT COMPLIANCE**

*As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 525
of Act 451 of 1994, as amended.*

FOR DEPARTMENT USE ONLY

Sale or Permit No

Year: _____ Type: _____

Forest Area: _____

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within 21 days of the contract award and prior to the issuance of the timber sale contract.
- All Information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
A. Sole Proprietorship (individual)
B. Partnership
C. Corporation
2. You **must** check one of the boxes below:
A. I certify that my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
B. I certify that my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC -337, please call the Worker's Compensation Bureau at 517 -322-1195).
C. I certify that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 21 days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full and part time employees other than yourself including family members and active partners (if none, you must enter "0").

_____ Full Time Employees

_____ Part Time Employees

| | | |
|------------------|-------------------------------------|---------|
| Name of Business | Federal ID (or) Social Security No. | |
| Address | Telephone No. () | |
| City | State | Zip + 4 |

I hereby certify that the above information is true and correct. I agree to notify the DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

PR 4031-5 (Rev. 10/30/2012)

DYER RD LOW LAND (72-646-14)
T27N, R01W, SEC. 30; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on April 22, 2016, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> | <u>BID PRICE</u> |
|-------------------------------|--------------------------|-------------------------|------------------|
| Pulpwood | | | |
| Black Spruce | 251.00 Cords | \$ 6.00/Cord | \$ _____ |
| Jack Pine | 54.00 Cords | \$ 8.00/Cord | \$ _____ |
| N. White Cedar | 65.00 Cords | \$ 14.15/Cord | \$ _____ |

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$225.00 :

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|--------------------------|-------------------------|
| Pulpwood | | |
| Mixed Oak | 20.00 Cords | \$ 3.55/Cord |
| Red Maple | 40.00 Cords | \$ 3.85/Cord |

*The volumes are statistically estimated within plus (+) or minus (-) 20.16 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____ - _____ - _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

**THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT
COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE**



Michigan Department of Natural Resources
Forest, Mineral and Fire Management

**TIMBER SALE
VERIFICATION OF WORKER'S DISABILITY
COMPENSATION ACT COMPLIANCE**

*As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 525
of Act 451 of 1994, as amended.*

FOR DEPARTMENT USE ONLY

Sale or Permit No

Year: _____ Type: _____

Forest Area: _____

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within 21 days of the contract award and prior to the issuance of the timber sale contract.
- All Information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
A. Sole Proprietorship (individual)
B. Partnership
C. Corporation
2. You **must** check one of the boxes below:
A. I certify that my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
B. I certify that my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC -337, please call the Worker's Compensation Bureau at 517 -322-1195).
C. I certify that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 21 days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full and part time employees other than yourself including family members and active partners (if none, you must enter "0").

_____ Full Time Employees

_____ Part Time Employees

| | | |
|------------------|-------------------------------------|---------|
| Name of Business | Federal ID (or) Social Security No. | |
| Address | Telephone No. () | |
| City | State | Zip + 4 |

I hereby certify that the above information is true and correct. I agree to notify the DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

PR 4031-5 (Rev. 10/30/2012)

OLD 27 & 127 (72-058-15)
T25N, R04W, SEC. 26; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on April 22, 2016, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> | <u>BID PRICE</u> |
|-------------------------------|--------------------------|-------------------------|------------------|
| Sawtimber | | | |
| Red Oak | 104.50 MBF | \$ 272.00/MBF | \$ _____ |
| Red Pine | 346.50 MBF | \$ 189.00/MBF | \$ _____ |
| White Pine | 168.50 MBF | \$ 88.00/MBF | \$ _____ |
| Pulpwood | | | |
| Red Pine | 309.00 Cords | \$ 52.00/Cord | \$ _____ |
| White Pine | 535.00 Cords | \$ 25.15/Cord | \$ _____ |

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$7,653.90 :

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|--------------------------|-------------------------|
| Sawtimber | | |
| Mixed Aspen | 10.50 MBF | \$ 74.00/MBF |
| Pulpwood | | |
| Mixed Aspen | 86.00 Cords | \$ 21.30/Cord |
| Mixed Oak | 253.00 Cords | \$ 10.30/Cord |
| Red Maple | 186.00 Cords | \$ 10.90/Cord |
| Scotch Pine | 142.00 Cords | \$ 2.90/Cord |

*The volumes are statistically estimated within plus (+) or minus (-) 12.99 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

**THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT
COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE**



Michigan Department of Natural Resources
Forest, Mineral and Fire Management

**TIMBER SALE
VERIFICATION OF WORKER'S DISABILITY
COMPENSATION ACT COMPLIANCE**

*As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 525
of Act 451 of 1994, as amended.*

FOR DEPARTMENT USE ONLY

Sale or Permit No

Year: _____ Type: _____

Forest Area: _____

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within 21 days of the contract award and prior to the issuance of the timber sale contract.
- All Information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
A. Sole Proprietorship (individual)
B. Partnership
C. Corporation
2. You **must** check one of the boxes below:
A. I certify that my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
B. I certify that my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC -337, please call the Worker's Compensation Bureau at 517 -322-1195).
C. I certify that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 21 days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full and part time employees other than yourself including family members and active partners (if none, you must enter "0").

_____ Full Time Employees

_____ Part Time Employees

| | | |
|------------------|-------------------------------------|---------|
| Name of Business | Federal ID (or) Social Security No. | |
| Address | Telephone No. () | |
| City | State | Zip + 4 |

I hereby certify that the above information is true and correct. I agree to notify the DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

PR 4031-5 (Rev. 10/30/2012)

RAYBURNS RED AND JACK (72-043-15)
T26N, R03W, SEC. 09; T26N, R03W, SEC. 10; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on April 22, 2016, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> | <u>BID PRICE</u> |
|-------------------------------|--------------------------|-------------------------|------------------|
| Sawtimber | | | |
| Red Pine | 271.80 MBF | \$ 145.00/MBF | \$ _____ |
| Pulpwood | | | |
| Jack Pine | 373.00 Cords | \$ 20.20/Cord | \$ _____ |
| Red Pine | 988.00 Cords | \$ 60.00/Cord | \$ _____ |

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$2,871.70 :

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|--------------------------|-------------------------|
| Pulpwood | | |
| Mixed Aspen | 97.00 Cords | \$ 19.30/Cord |
| Red Maple | 98.00 Cords | \$ 10.20/Cord |

*The volumes are statistically estimated within plus (+) or minus (-) 15.59 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

**THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT
COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE**



Michigan Department of Natural Resources
Forest, Mineral and Fire Management

**TIMBER SALE
VERIFICATION OF WORKER'S DISABILITY
COMPENSATION ACT COMPLIANCE**

*As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 525
of Act 451 of 1994, as amended.*

FOR DEPARTMENT USE ONLY

Sale or Permit No

Year: _____ Type: _____

Forest Area: _____

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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- All Information must be typed or printed except for written signatures.

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A. Sole Proprietorship (individual)
B. Partnership
C. Corporation
2. You **must** check one of the boxes below:
A. I certify that my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
B. I certify that my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC -337, please call the Worker's Compensation Bureau at 517 -322-1195).
C. I certify that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 21 days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full and part time employees other than yourself including family members and active partners (if none, you must enter "0").

_____ Full Time Employees

_____ Part Time Employees

| | | |
|------------------|-------------------------------------|---------|
| Name of Business | Federal ID (or) Social Security No. | |
| Address | Telephone No. () | |
| City | State | Zip + 4 |

I hereby certify that the above information is true and correct. I agree to notify the DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

PR 4031-5 (Rev. 10/30/2012)