

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

TIMBER SALE PROSPECTUS #6073

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on December 14, 2017. LOCATION: GAYLORD FIELD OFFICE, 1732 WEST M-32, GAYLORD, MI 49735.

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, GAYLORD MANAGEMENT UNIT, for certain timber on the following described lands:

One Week Red Pine Mix (52-015-17)

Antrim County, Advertised Price \$35,476.65, 48.0 Acres, Hardwood, Red Pine.

SALE NOTE: Decent quality red pine in pockets of stand 106. Good Access, no cutting restrictions.

Slightly Different Mix (52-016-17)

Antrim County, Advertised Price \$42,628.10, 31.6 Acres, Aspen, Hardwood.

SALE NOTE: ORV trail runs through sale, no cutting restrictions, decent quality hardwood

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.

Square Peg Hardwoods (52-031-17)

Charlevoix County, Advertised Price \$74,162.00, 225.5 Acres, Hardwood, Sugar Maple.

SALE NOTE: Access will be difficult due to steepness of Metz Road, and current condition of forest roads if the snowmobile trail is used as a haul route. Steep terrain. Note that regen gaps are marked out with Timber Teal Paint.

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.

Describe the Ruckus Red Pine (52-034-17)

Otsego County, Advertised Price \$116,884.05, 74.8 Acres, Jack Pine, Red Pine.

SALE NOTE: Excellent access off of class A and county seasonal roads.

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.

BID INSTRUCTIONS (VER. 09/02/2016):

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

Bids must be received by the Unit Manager, GAYLORD OFFICE, 1732 WEST M-32, GAYLORD, MI 49735, no later than 3:00 p.m. (local time) on December 14, 2017. For further information concerning this sale, contact Joyce Angel at 989-732-3541 extension 5440.

2. Bidder's Qualifications (5/16)

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, the 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 (5/16)

Bid Forms may be completed online thru Michigan DNR Timber Sale Online Bidding (OLB) at www.michigan.gov/timberbidding or by completing the hardcopy Bid Form found in the Timber Sale Prospectus. Hardcopy Bid Forms shall be manually signed in ink. Registration in OLB is considered your 'signature' for all bids submitted thru that system. 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 hardcopy Bid Form, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (5/16)

Bid forms may be obtained from the Unit Manager or thru OLB. Bids may be submitted hardcopy or thru OLB. All hardcopy 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.

It is possible for a bidder to submit multiple bids on a single sale. For example, a bid may be submitted hardcopy and a bid may be submitted thru OLB. Or, two bidders from the same company could both submit bids on the same sale. If this were to happen, the State would accept all bids received and award the contract accordingly. All bidding and contractual requirements would apply to all bids received.

5. Public Opening of Sealed Bids (7/16)

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 or announce the withdrawal of their online bid 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 (7/16)

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.

12. Good Neighbor Authority (GNA) Requirements (7/16)

If the name of this timber sales contains the acronym GNA, it is authorized by the Good Neighbor Authority (GNA) and covered by various agreements between the U.S. Forest Service and the State. The timber sale occurs on federal land and the following conditions apply:

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

13. Good Neighbor Authority (GNA) Requirements, con't (9/16)

Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

- c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.
- d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this requirement, in whole or in part, shall submit an explanation with their bid.

KEITH CREAGH Director

TIMBER SALE INFORMATION

One Week Red Pine Mix (52-015-17)

Antrim County (Advertised Price \$35,476.65)

SALE NOTE: Decent quality red pine in pockets of stand 106. Good Access, no cutting 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:

PRODUCTS & SPECIES	<u>ESTIMATE</u>	ESTIMATED UNITS*		ERTISED PRICE
Sawtimber				
Quaking Aspen	0.80	MBF	\$	54.00 / MBF
Red Maple	1.50	MBF	\$	152.00 / MBF
Red Pine	128.20	MBF	\$	114.00 / MBF
Pulpwood				
Jack Pine	4.00	Cords	\$	25.30 / Cord
Mixed Aspen	39.00	Cords	\$	20.00 / Cord
Mixed Hardwood	39.00	Cords	\$	22.75 / Cord
Red Pine	402.00	Cords	\$	46.50 / Cord
White Pine	4.00	Cords	\$	32.30 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 37.91 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 \$1,774.00 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 12/31/2020.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	0.1	MBF	29.5	\$2,488.40
	Red Pine		4.7	MBF		
	Jack Pine	Pulpwood	4.0	Cords		
	Mixed Aspen		30.0	Cords		
	Quaking Aspen		30.0	Cords		
	Mixed Hardwood		18.0	Cords		
	Black Cherry		12.0	Cords		
	Red Maple		6.0	Cords		
	Red Pine		15.0	Cords		
	White Pine		4.0	Cords		
2	Quaking Aspen	Sawtimber	0.8	MBF	18.5	\$32,988.25
	Red Maple		1.4	MBF		
	Red Pine		123.5	MBF		
	Mixed Aspen	Pulpwood	9.0	Cords		
	Quaking Aspen		9.0	Cords		
	Mixed Hardwood		21.0	Cords		
	Red Maple		21.0	Cords		
	Red Pine		387.0	Cords		
		TOTAL:	130.5	MBF		
		TOTAL:	488.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: One Week Red Pine Mix Sale Number: 52-015-17 Seg#: 1

1 - Sale Area

12 - Boundaries

1.2.1 - Painted boundaries (1/14)

The sale boundary and Payment Unit boundaries are marked and identified by teal, red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention Areas are marked with teal paint and are not to be disturbed or entered by equipment. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more at DBH, except within Payment Unit 1, do not cut any oak.

2.2 - Utilization

2.2.2 - Chipping required (5/14)

This area must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. Do not chip 1/6 to 1/3 of the slash from harvested trees (tree tops and limbs less than four inches in diameter).

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 planting operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 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. There will be only one division per Payment Unit.

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.

No damage is acceptable to merchantable trees. Within the sale area, if more than 10% 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.

4.1.7 - 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. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

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.

5 - Operations

5.1 - Notification

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company prior to operating equipment in the vicinity of well heads or natural gas pipelines.

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 (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.6 - 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.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to

ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or 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

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

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 North Crooked Lake Road 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

7.3 - Contract Modifications

7.3.3 - Modification for reforestation (8/05)

When contractual work of Purchaser has been accepted for any Payment Unit identified on Sale Area Map, Payment Unit will be eliminated from the Sale Area on written notice so that reforestation operations can begin.

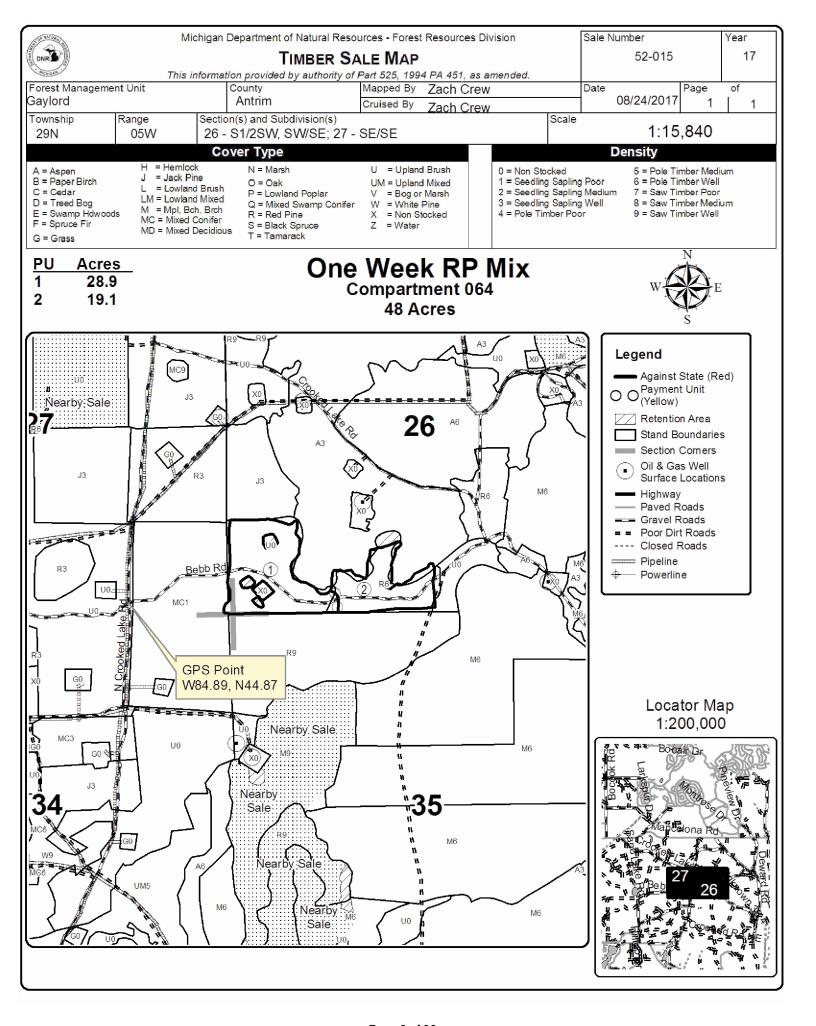
8 - Performance and Settlement

8.3 - Uncompleted or Terminated Contracts

8.3.1 - Completion of contract, chipping (1/16)

In addition to cutting, all chipping must be completed by the contract expiration date. If chipping has not been completed, an extension fee or damages may be charged per General Condition & Requirement 7.2 and 8.3.

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TIMBER SALE INFORMATION

Slightly Different Mix (52-016-17)

Antrim County (Advertised Price \$42,628.10)

SALE NOTE: ORV trail runs through sale, no cutting restrictions, decent quality hardwood

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:

PRODUCTS & SPECIES	ESTIMATED UNITS*		ADVERTISED PR	
Sawtimber				
B. T. Aspen	47.10	MBF	\$	54.00 / MBF
Basswood	2.00	MBF	\$	60.00 / MBF
Beech	4.40	MBF	\$	51.00 / MBF
Red Maple	54.50	MBF	\$	152.00 / MBF
Sugar Maple	46.70	MBF	\$	289.00 / MBF
Pulpwood				
B. T. Aspen	117.00	Cords	\$	20.00 / Cord
Basswood	2.00	Cords	\$	6.75 / Cord
Mixed Hardwood	686.00	Cords	\$	22.75 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 20.84 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 \$2,131.00 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 12/31/2020.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	22.4	MBF	16.9	\$24,513.10
	Basswood		1.3	MBF		
	Beech		2.8	MBF		
	Red Maple		30.3	MBF		
	Sugar Maple		29.4	MBF		
	B. T. Aspen	Pulpwood	38.0	Cords		
	Basswood		1.0	Cords		
	Mixed Hardwood		405.0	Cords		
	Beech		6.0	Cords		
	Ironwood		2.0	Cords		
	Red Maple		132.0	Cords		
	Sugar Maple		265.0	Cords		
2	B. T. Aspen	Sawtimber	24.7	MBF	14.7	\$18,115.00
	Basswood		0.7	MBF		
	Beech		1.6	MBF		
	Red Maple		24.2	MBF		
	Sugar Maple		17.3	MBF		
	B. T. Aspen	Pulpwood	79.0	Cords		
	Basswood		1.0	Cords		
	Mixed Hardwood		281.0	Cords		
	Beech		5.0	Cords		
	Ironwood		1.0	Cords		
	Red Maple		116.0	Cords		
	Sugar Maple		159.0	Cords		
		TOTAL:	154.7	MBF		
		TOTAL:	805.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Slightly Different Mix Sale Number: 52-016-17 Seq#: 1

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 and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention pockets are marked with timber teal painted X's. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more at DBH except yellow birch. Once the sale is complete, saw log sized trees marked with timber teal paint should be dropped into the sale area and left on the ground for habitat and nurse logs.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of lengths over 17 feet is permissible as long as the timber sale administrator approves the method and machinery used. If at any point damage exceeds specification 3.4.1, all of the remaining wood must be skid in lengths less than 17 feet.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 and 2 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. There will be only one division per Payment Unit.

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.

No damage is acceptable to merchantable trees. Within the sale area, if more than 10% 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.

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

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.

4.1.7 - 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.

4.2 - Maintenance

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

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.

5 - Operations

5.1 - Notification

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines.

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.

5.2.1.13 - Dispose of slash as directed (12/05)

Slash is to be disposed of as directed by the Sale Administrator.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

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.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.2.39 - ORV trail/route protection (12/12)

The ORV trail is shown on the Timber Sale Map. Do not cut trees or damage posts with orange ORV markers or trees with orange ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20 foot wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the sale administrator.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads 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.

5.4.2 - 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.

5.8 - Protection of Endangered Species

5.8.3 - Red shoulder hawk or goshawk (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15 (NLP). Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

6 - Safety and Fire Prevention

6.2 - Signing

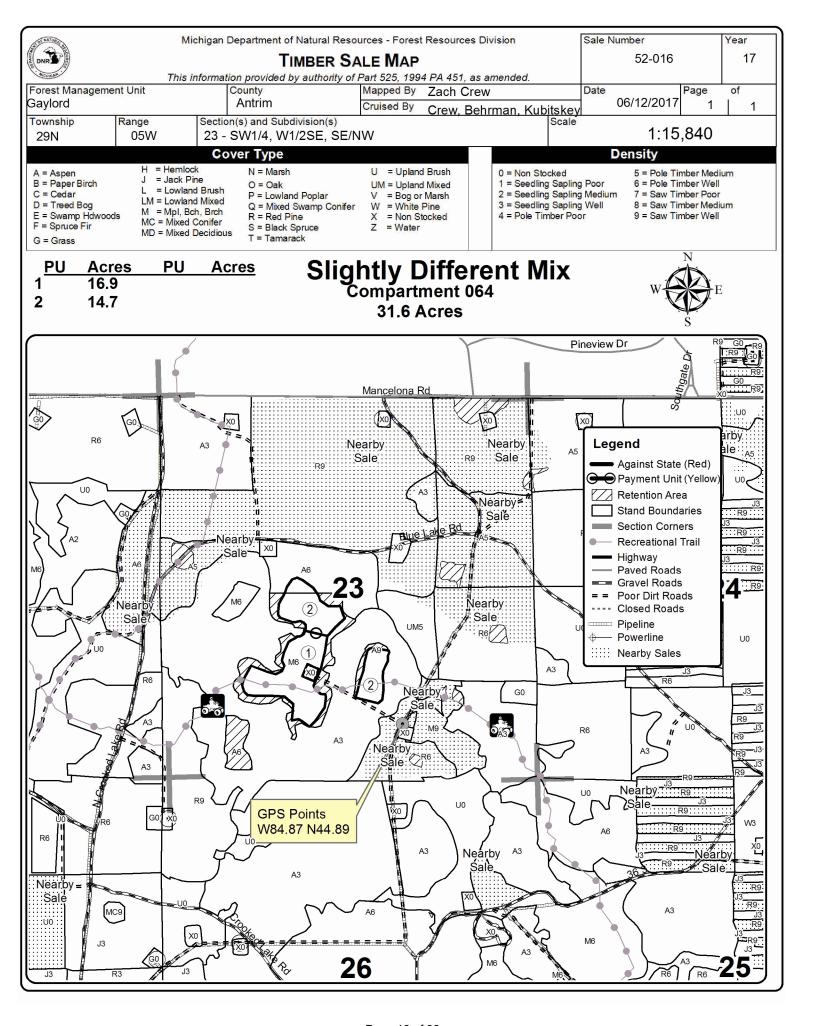
6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on the main haul route 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.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on the ORV 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. The Purchaser will provide these signs.

Section Name: Sale Specific Current as of 11/16/2017 9:35:22AM



TIMBER SALE INFORMATION

Square Peg Hardwoods (52-031-17)

Charlevoix County (Advertised Price \$74,162.00)

SALE NOTE: Access will be difficult due to steepness of Metz Road, and current condition of forest roads if the snowmobile trail is used as a haul route. Steep terrain. Note that regen gaps are marked out with Timber Teal Paint.

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:

PRODUCTS & SPECIES	ESTIMATED UNITS*		<u>ADV</u>	ERTISED PRICE
Sawtimber				
Basswood	88.00	MBF	\$	60.00 / MBF
Beech	249.40	MBF	\$	51.00 / MBF
Ironwood	0.60	MBF	\$	45.00 / MBF
Quaking Aspen	6.30	MBF	\$	54.00 / MBF
Red Maple	1.00	MBF	\$	152.00 / MBF
Sugar Maple	60.60	MBF	\$	289.00 / MBF
Pulpwood				
Basswood	82.00	Cords	\$	6.75 / Cord
Mixed Hardwood	1,606.00	Cords	\$	22.75 / Cord
Quaking Aspen	52.00	Cords	\$	20.00 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 21.21 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 \$3,708.00 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 12/01/2020.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	33.0	MBF	84.6	\$27,818.05
	Beech		93.6	MBF		
	Ironwood		0.2	MBF		
	Quaking Aspen		2.4	MBF		
	Red Maple		0.4	MBF		
	Sugar Maple		22.7	MBF		
	Basswood	Pulpwood	31.0	Cords		
	Mixed Hardwood	•	602.0	Cords		
	Beech		198.0	Cords		
	Ironwood		24.0	Cords		
	Sugar Maple		85.0	Cords		
	White Ash		295.0	Cords		
	Quaking Aspen		20.0	Cords		
2	Basswood	Sawtimber	20.9	MBF	53.5	\$17,586.70
	Beech		59.2	MBF		, , , , , , , , , , , , , , , , , , , ,
	Ironwood		0.1	MBF		
	Quaking Aspen		1.5	MBF		
	Red Maple		0.2	MBF		
	Sugar Maple		14.4	MBF		
	Basswood	Pulpwood	19.0	Cords		
	Mixed Hardwood	- aipwood	381.0	Cords		
	Beech		125.0	Cords		
	Ironwood		15.0	Cords		
	Sugar Maple		54.0	Cords		
	White Ash		187.0	Cords		
	Quaking Aspen		12.0	Cords		
3	Basswood	Sawtimber	34.1	MBF	87.4	\$28,757.2
3	Beech	GawtiiiibCi	96.6	MBF	Ο1. 4	Ψ20,737.25
	Ironwood		0.3	MBF		
	Quaking Aspen		2.4	MBF		
	Red Maple		0.4	MBF		
	Sugar Maple		23.5	MBF		
	Basswood	Pulpwood	32.0	Cords		
	Mixed Hardwood	Fulpwood	623.0	Cords		
			204.0	1		
	Beech			Cords		
	Ironwood		26.0	Cords Cords		
	Red Maple		1.0			
	Sugar Maple		87.0 205.0	Cords		
	White Ash		305.0	Cords		
	Quaking Aspen		20.0	Cords	<u> </u>	<u> </u>
		TOTAL:	405.9	MBF		
		TOTAL:	1,740.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Square Peg Hardwoods Sale Number: 52-031-17 Seq#: 1

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 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. Regen gaps are marked with timber teal paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 1, 2, and 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, all ash and beech trees are designated for cutting unless marked with pink paint above and below stump height. Also, within the teal marked regen gaps, cut all trees that are 6 feet or taller.

2.2 - Utilization

2.2.5 - Limbed tree skidding (1/09)

The skidding of whole trees or tree segments with limbs attached is prohibited unless approved by the Unit Manager or his/her representative.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1, 2, and 3 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. There will be only one division per Payment Unit.

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.

Within the sale area, if more than 50% 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 \$250 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 10% 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.

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

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

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

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.

5 - 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 (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 2 and 3, 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.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

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

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

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the

satisfaction of the Unit Manager or his/her representative prior to December 1st. If the trail road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or 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.

5.4.2 - 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.

5.8 - Protection of Endangered Species

5.8.3 - Red shoulder hawk or goshawk (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15 (NLP). Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

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 Matz Road 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.

6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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.

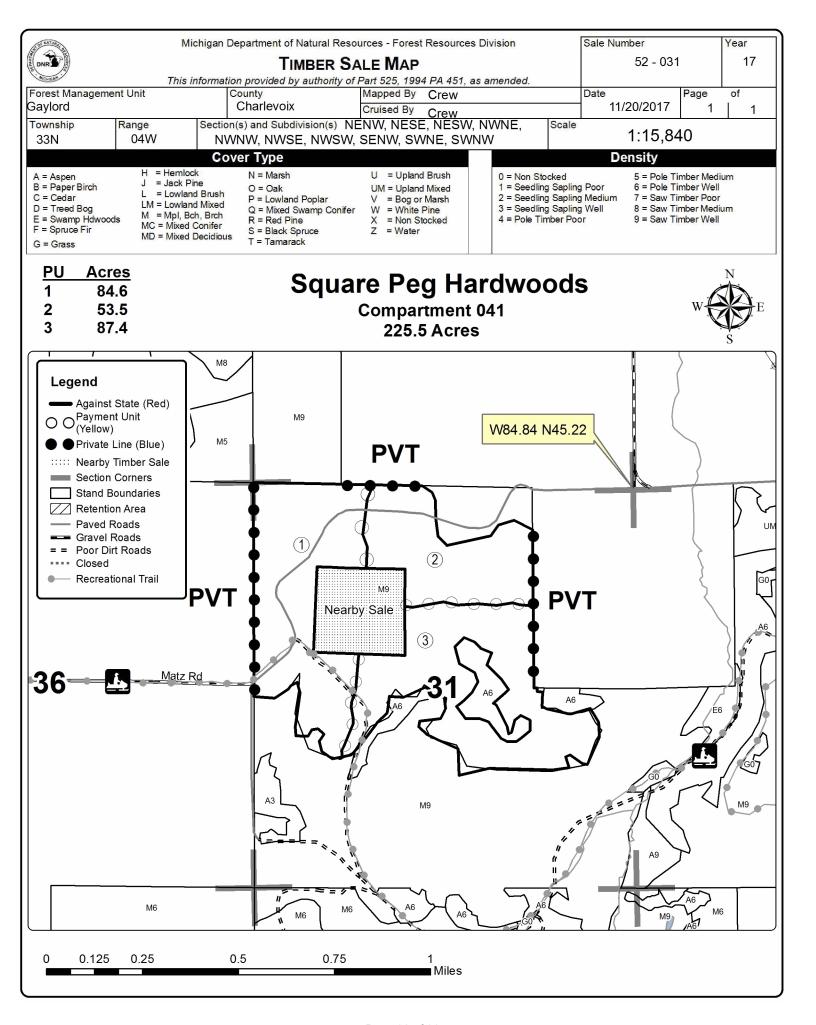
7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from emerald ash borer and beech bark disease. 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.

Section Name: Sale Specific Current as of 11/20/2017 9:29:00AM



TIMBER SALE INFORMATION

Describe the Ruckus Red Pine (52-034-17)

Otsego County (Advertised Price \$116,884.05)

SALE NOTE: Excellent access off of class A and county seasonal roads.

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:

PRODUCTS & SPECIES	ESTIMATED UNITS*		ADVERTISED PRICE	
Sawtimber				
Jack Pine	1.80	MBF	\$	31.00 / MBF
Red Pine	422.80	MBF	\$	122.00 / MBF
Pulpwood				
Jack Pine	15.00	Cords	\$	27.00 / Cord
Mixed Aspen	3.00	Cords	\$	21.35 / Cord
Red Pine	1,306.00	Cords	\$	49.60 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 16.19 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 \$5,844.00 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 12/31/2020.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	130.7	MBF	28.8	\$42,991.85
	Mixed Aspen	Pulpwood	3.0	Cords		
	B. T. Aspen	Sawtimber	0.7	MBF		
	B. T. Aspen	Pulpwood	2.0	Cords		
	Red Pine		544.0	Cords		
2	Jack Pine	Sawtimber	0.5	MBF	13.0	\$20,864.70
	Red Pine		82.6	MBF		
	Jack Pine	Pulpwood	4.0	Cords		
	Red Pine		215.0	Cords		
3	Jack Pine	Sawtimber	1.3	MBF	33.0	\$53,027.50
	Red Pine		209.5	MBF		
	Jack Pine	Pulpwood	11.0	Cords		
	Red Pine		547.0	Cords		
		TOTAL:	424.6	MBF		
		TOTAL:	1,324.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Describe the Ruckus Red Pine Sale Number: 52-034-17 Seg#: 1

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 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. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-3, cut all trees that are two (2) inches or more at DBH except oak.

2.2 - Utilization

2.2.2 - Chipping required (5/14)

This area must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. Do not chip 1/6 to 1/3 of the slash from harvested trees (tree tops and limbs less than four inches in diameter). Slash must be left and spread evenly across all units.

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 planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 and 3 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.

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 removed from 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 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.

4.2 - 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.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

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.

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company prior to operating equipment in the vicinity of well heads or natural gas pipelines.

5.1.4 - Post-sale conference (10/16)

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.

5.1.6 - Utility R.O.W. (1/15)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations. Contact Consumer's Energy for permissions.

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 (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.4 - Oak wilt restriction (4/17)

Within Payment Unit(s) 1-3, cutting operations are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps include completing all road brushing before April 15th, clearing a tree-length buffer along uncut oak cover before April 15th or leaving an uncut buffer there until after July 15th. 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.

5.2.39 - ORV trail/route protection (12/12)

An ORV trail or route and is shown on the Timber Sale Map. Do not cut trees or damage posts with orange ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the sale administrator.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit

Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

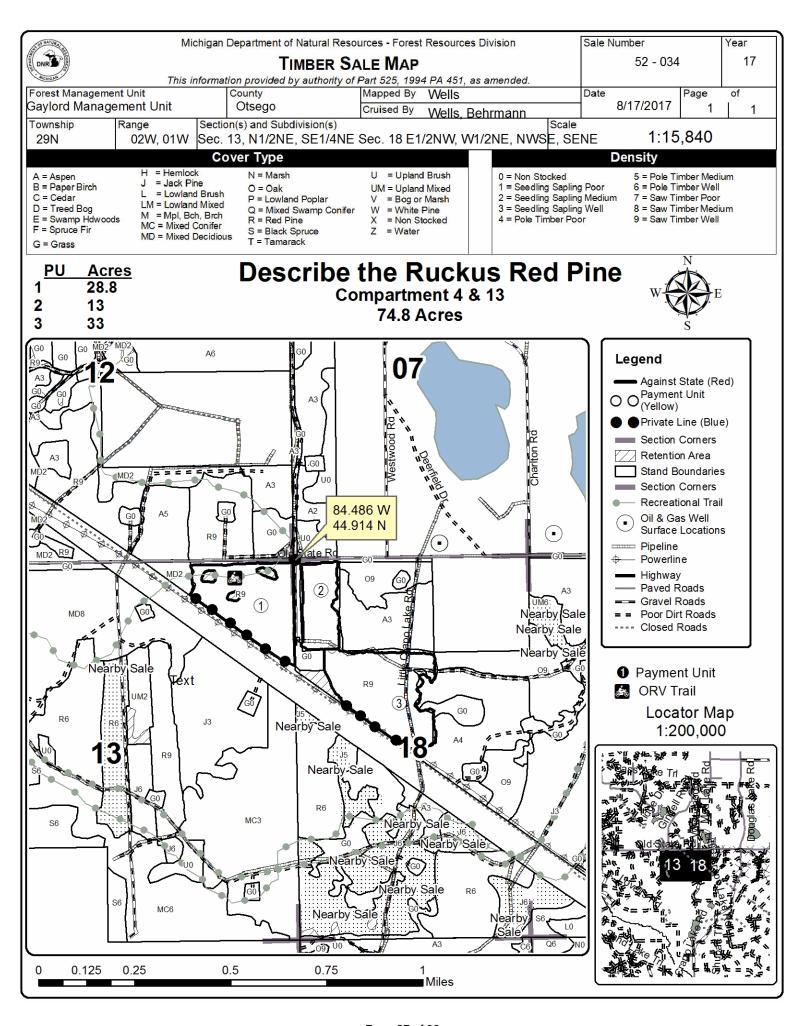
6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Little Crapo Lake Rd 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.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on the ORV trail in Payment Unit 1 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. The Purchaser will provide these signs.

Section Name: Sale Specific Current as of 11/16/2017 10:12:13AM



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TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

GAYLORD MANAGEMENT UNIT GAYLORD OFFICE

One Week Red Pine Mix (52-015-17) ; Antrim COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on December 14, 2017, 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>ESTIMATED</u>	VOLUME*	ADVERTISED PRICE		BID PRICE/UNIT
0.80	MBF	\$	54.00/MBF	\$
1.50	MBF	\$	152.00/MBF	\$
128.20	MBF	\$	114.00/MBF	\$
4.00	Cords	\$	25.30/Cord	\$
39.00	Cords	\$	20.00/Cord	\$
39.00	Cords	\$	22.75/Cord	\$
402.00	Cords	\$	46.50/Cord	\$
4.00	Cords	\$	32.30/Cord	\$
	0.80 1.50 128.20 4.00 39.00 39.00 402.00	1.50 MBF 128.20 MBF 4.00 Cords 39.00 Cords 39.00 Cords 402.00 Cords	0.80 MBF \$ 1.50 MBF \$ 1.28.20 MBF \$ 4.00 Cords \$ 39.00 Cords \$ 39.00 Cords \$ 402.00 Cords \$	0.80 MBF \$ 54.00/MBF 1.50 MBF \$ 152.00/MBF 128.20 MBF \$ 114.00/MBF 4.00 Cords \$ 25.30/Cord 39.00 Cords \$ 20.00/Cord 39.00 Cords \$ 22.75/Cord 402.00 Cords \$ 46.50/Cord

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 nu	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

^{*}The volumes are statistically estimated within plus (+) or minus (-) 37.91 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.



Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

FOR DEPARTMENT USE ONLY
Sale Number (XX – XXX – XX – XX)
Forest Management Unit:

As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 5 of Act 451 of 1994, as amended.

1. My business is organized as (you **must** check one of the boxes below):

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 twenty-one (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:

	A. Sole Proprietorship (individual)		
	B. Partnership		
	C. Corporation		
	C. G. Corporation		
2.	. You must check <u>one</u> of the boxes below:		
	 A. I certify my business is a sole proprietorship and i Worker's Compensation Laws. 	it has no employ	vees but the sole proprietor. I am not subject to the
		copy of the Noti	Compensation Act through the use of an approved Notice of ice of Exclusion within 21 days of the contract award. (For ompensation Bureau at 517-322-1195).
	 C. I certify my business has a Worker's Compensation one (21) days of the contract award. 	on Policy. I will	provide an original Certificate of Insurance within twenty-
3.	. If you have checked item 2(A) or 2(B), you must than yourself, including family members and active		number of both full-time and part-time employees, other one, you must enter "0").
	Full-time Employees		Part-time Employees
Nan	ame of Business	Federa	al ID (or) Social Security No.
Add	ddress	Teleph	none
		()
City	ty State	ZIP	
	hereby certify that the above information is true and c factors affecting my coverage during any of my preso		e to notify the Michigan DNR of any changes that occur operations.
_	Signature of Owner or Authorized Representative		
٦	Title		Date

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

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

GAYLORD MANAGEMENT UNIT GAYLORD OFFICE

Slightly Different Mix (52-016-17) ; Antrim COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on December 14, 2017, 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.

PRODUCTS & SPECIES	ESTIMATED	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/U	JNIT
Sawtimber						
B. T. Aspen	47.10	MBF	\$	54.00/MBF	\$	_
Basswood	2.00	MBF	\$	60.00/MBF	\$	_
Beech	4.40	MBF	\$	51.00/MBF	\$	
Red Maple	54.50	MBF	\$	152.00/MBF	\$	_
Sugar Maple	46.70	MBF	\$	289.00/MBF	\$	
Pulpwood						
B. T. Aspen	117.00	Cords	\$	20.00/Cord	\$	_
Basswood	2.00	Cords	\$	6.75/Cord	\$	_
Mixed Hardwood	686.00	Cords	\$	22.75/Cord	\$	

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 SECU	RITY NUMBER:	
	Company or individual bidding:			
	Company representative's name:			
	Address:			
	City:	State:	Zip:	
IF AVAILA	ABLE, PLEASE PLACE THE PERSON	IALIZED LABEL FROM	YOUR PROSPECTUS IN T	HE ABOVE BOX.
Individual	or company representative's signature	e:		Date:
Phone nu	mber :	Email (c	ptional):	

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

^{*}The volumes are statistically estimated within plus (+) or minus (-) 20.84 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.



Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

FOR DEPARTMENT USE ONLY
Sale Number (XX – XXX – XX – XX)
Forest Management Unit:

As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 5 of Act 451 of 1994, as amended

Signature of Owner or Authorized Representative

Title

	Part 5 of Act 451 of 1994, as amended.	
VE	VERIFICATION OF WORKER'S DISABILITY COMPENSATION	ACT COMPLIANCE
•	 This verification must be completed and submitted within 21 da sale contract. 	ays of contract award and prior to the issuance of the timber
•	 In addition, if boxes 2B or 2C are checked, then Notice of Exc twenty-one (21) days of the contract award and prior to the issu 	
•	 All Information must be typed or printed except for written signs 	atures.
Ple	Please Check Appropriate Categories:	
1.	 My business is organized as (you must check <u>one</u> of the boxed. Sole Proprietorship (individual) Partnership Corporation 	es below):
2.	 You must check one of the boxes below: A. ☐ I certify my business is a sole proprietorship and it has no empty Worker's Compensation Laws. B. ☐ I certify my business has satisfied its o bligation to the Worker' Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the N questions or a copy of the BWC-337, please call the Worker's C. ☐ I certify my business has a Worker's Compensation Policy. I vone (21) days of the contract award. 	s Compensation Act through the use of an approved Notice of Notice of Exclusion within 21 days of the contract award. (For Compensation Bureau at 517-322-1195).
3.	 If you have checked item 2(A) or 2(B), you must indicate th than yourself, including family members and active partners (i Full-time Employees 	
Nam	lame of Business Fed	deral ID (or) Social Security No.
	(ephone)
City	City State ZIF	
	hereby certify that the above information is true and correct. I ag	

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

Date

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

GAYLORD MANAGEMENT UNIT GAYLORD OFFICE

<u>Describe the Ruckus Red Pine (52-034-17)</u> ; Otsego COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on December 14, 2017, 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.

PRODUCTS & SPECIES	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Sawtimber					
Jack Pine	1.80	MBF	\$	31.00/MBF	\$
Red Pine	422.80	MBF	\$	122.00/MBF	\$
Pulpwood					
Jack Pine	15.00	Cords	\$	27.00/Cord	\$
Mixed Aspen	3.00	Cords	\$	21.35/Cord	\$
Red Pine	1,306.00	Cords	\$	49.60/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 16.19 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 SOC	CIAL SECURITY NUMBER:_			
	Company or individua	al bidding:		<u></u>		
	Company representat	tive's name:		<u></u>		
	Address:					
	City:	State:	Zip:			
IF AVAILA	ABLE, PLEASE PLACE	THE PERSONALIZED LA	BEL FROM YOUR PROSPEC	CTUS IN THE ABOVE BOX.		
Individual	or company represent	ative's signature:		Date:		
Phone nu	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 Resources Division

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

FOR DEPARTMENT USE ONLY
Sale Number (XX – XXX – XX – XX)
Forest Management Unit:

As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 5 of Act 451 of 1994, as amended.

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 Exclus twenty-one (21) days of the contract award and prior to the issuance 	
•	All Information must be typed or printed except for written signature	res.
Ple	Please Check Appropriate Categories:	
1.	 My business is organized as (you must check <u>one</u> of the boxes A.	below):
2.	 You must check one of the boxes below: A. I certify my business is a sole proprietorship and it has no employ Worker's Compensation Laws. B. I certify my business has satisfied its o bligation to the Worker's C Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Noti questions or a copy of the BWC-337, please call the Worker's Co. 	ompensation Act through the use of an approved Notice of ce of Exclusion within 21 days of the contract award. (For
	C. I certify my business has a Worker's Compensation Policy. I will pone (21) days of the contract award.	provide an original Certificate of Insurance within twenty-
3.	If you have checked item 2(A) or 2(B), you must indicate the nathan yourself, including family members and active partners (if not provided in the provided in the provided in the provided item 2(A) or 2(B), you must indicate the nathan yourself, including family members and active partners (if not provided item 2(A) or 2(B), you must indicate the nathan yourself, including family members and active partners (if not provided item 2(A) or 2(B), you must indicate the nathan yourself, including family members and active partners (if not provided item 2(A) or 2(B), you must indicate the nathan yourself, including family members and active partners (if not provided item 2(A) or 2(B), you must indicate the nathan yourself, including family members and active partners (if not provided item 2(A) or 2(B), you must indicate the nathan yourself, including family members and active partners (if not provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan yourself. [Insert in the provided item 2(A) or 2(B), you must indicate the nathan you have you become the nathan you have you becom	
Nan	Name of Business Federa	II ID (or) Social Security No.
Add	Address Teleph	one)
City	City State ZIP	
n f	I hereby certify that the above information is true and correct. I agree in factors affecting my coverage during any of my present and future Signature of Owner or Authorized Representative	
7	Title	Date

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

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

GAYLORD MANAGEMENT UNIT GAYLORD OFFICE

Square Peg Hardwoods (52-031-17) ; Charlevoix COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on December 14, 2017, 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.

PRODUCTS & SPECIES	ESTIMATED	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/L	JNIT
Sawtimber						
Basswood	88.00	MBF	\$	60.00/MBF	\$	_
Beech	249.40	MBF	\$	51.00/MBF	\$	_
Ironwood	0.60	MBF	\$	45.00/MBF	\$	
Quaking Aspen	6.30	MBF	\$	54.00/MBF	\$	
Red Maple	1.00	MBF	\$	152.00/MBF	\$	_
Sugar Maple	60.60	MBF	\$	289.00/MBF	\$	
Pulpwood						
Basswood	82.00	Cords	\$	6.75/Cord	\$	_
Mixed Hardwood	1,606.00	Cords	\$	22.75/Cord	\$	
Quaking Aspen	52.00	Cords	\$	20.00/Cord	\$	_

*The volumes are statistically estimated within plus (+) or minus (-) 21.21 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 SOCI.	AL SECURITY NUMBER:	
	Company or individual bidding:			
	Company representative's name:			
	Address:			
	City:	State:	Zip:	
ΙΕ Λ\/ΛΙΙ .		CONALIZEDIADE		
II AVAIL	ABLE, PLEASE PLACE THE PER	SUNALIZED LABE	EL FROM YOUR PROSPE	ECTUS IN THE ABOVE BOX.
	I or company representative's signa			

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 Resources Division

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

FOR DEPARTMENT USE ONLY		
Sale Number (XX – XXX – XX – XX)		
Forest Management Unit:		

As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 5 of Act 451 of 1994, as amended.

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.

•	twenty-one (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.		
•			
PΙε	lease Check Appropriate Categories:		
1.	My business is organized as (you must check <u>one</u> of the A. □ Sole Proprietorship (individual) B. □ Partnership C. □ Corporation	the boxes below):	
2.	. You must check <u>one</u> of the boxes below:		
	 A. I certify my business is a sole proprietorship and it has Worker's Compensation Laws. 	s no employees but the sole proprietor. I am not subject to the	
		Worker's Compensation Act through the use of an approved Notice of y of the Notice of Exclusion within 21 days of the contract award. (For Worker's Compensation Bureau at 517-322-1195).	
	C. I certify my business has a Worker's Compensation Peone (21) days of the contract award.	olicy. I will provide an original Certificate of Insurance within twenty-	
3. If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time em than yourself, including family members and active partners (if none, you must enter "0").			
	Full-time Employees	Part-time Employees	
Nan	ame of Business	Federal ID (or) Social Security No.	
Address		Telephone ()	
City		ZIP	
in f	nereby certify that the above information is true and correfactors affecting my coverage during any of my present a Signature of Owner or Authorized Representative	ect. I agree to notify the Michigan DNR of any changes that occur and future operations.	
_			
	Title	Date	

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

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