

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

TIMBER SALE PROSPECTUS #5835

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on September 26, 2017. LOCATION: ATLANTA MGMT UNIT, 13501 M-33, ATLANTA, MI 49709.

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

Route 66 Oak (54-046-16)

Montmorency County, Advertised Price \$61,905.05, 68.2 Acres, Aspen, Hardwood.

SALE NOTE: 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.

Route 66 Aspen (54-048-16)

Montmorency County, Advertised Price \$87,654.55, 121.4 Acres, Aspen, Hardwood.

SALE NOTE: The Lower Peninsula Site Condition Forester must be contacted at least 6 months before the pre-sale meeting to schedule the usage of 222 feet of composite crane mats. Please contact the sale administrator for information.

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. Access may be through private or other public land.

Archaeological Mix (54-049-16)

Montmorency County, Advertised Price \$31,395.50, 49.2 Acres, Hardwood, Jack Pine.

SALE NOTE: 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, ATLANTA OFFICE, 13501 M-33, ATLANTA, MI 49709, no later than 10:00 a.m. (local time) on September 26, 2017. For further information concerning this sale, contact Cody Stevens at 989-785-4251 extension 5240.

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

Route 66 Oak (54-046-16)

Montmorency County (Advertised Price \$61,905.05)

SALE NOTE: 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	UCTS & SPECIES ESTIMATED UNITS*		ADVERTISED PRICE	
Sawtimber				
Mixed Aspen	65.10	MBF	\$	86.00 / MBF
Mixed Oak	51.90	MBF	\$	118.00 / MBF
Paper Birch	1.30	MBF	\$	59.00 / MBF
Red Maple	9.90	MBF	\$	133.00 / MBF
Red Oak	92.70	MBF	\$	166.00 / MBF
Red Pine	49.80	MBF	\$	128.00 / MBF
White Pine	9.80	MBF	\$	86.00 / MBF
Pulpwood				
Balsam Fir	28.00	Cords	\$	30.30 / Cord
Jack Pine	63.00	Cords	\$	24.80 / Cord
Mixed Aspen	263.00	Cords	\$	21.70 / Cord
Mixed Hardwood	218.00	Cords	\$	20.10 / Cord
Mixed Oak	404.00	Cords	\$	21.05 / Cord
Red Pine	28.00	Cords	\$	50.05 / Cord
White Pine	97.00	Cords	\$	38.95 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 11.50 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 \$3,095.00 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 12/31/2019.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Oak	Sawtimber	5.0	MBF	10.6	\$9,376.10
	Northern Pin Oak		5.0	MBF		
	Red Oak		29.1	MBF		
	Mixed Hardwood	Pulpwood	25.0	Cords		
	Red Maple		25.0	Cords		
	Mixed Oak		131.0	Cords		
	Northern Pin Oak		67.0	Cords		
	Red Oak		64.0	Cords		
	Red Pine		3.0	Cords		
	White Pine		14.0	Cords		
2	Mixed Aspen	Sawtimber	7.3	MBF	9.9	\$12,488.35
	B. T. Aspen		4.9	MBF		
	Quaking Aspen		2.4	MBF		
	Paper Birch		1.3	MBF		
	Red Oak		14.1	MBF		
	Red Pine		36.5	MBF		
	White Pine		2.5	MBF		
	Balsam Fir	Pulpwood	21.0	Cords		
	Balsam Fir	Sawtimber	1.6	MBF		
	Balsam Fir	Pulpwood	18.0	Cords		
	Mixed Aspen		58.0	Cords		
	B. T. Aspen		43.0	Cords		
	Quaking Aspen		15.0	Cords		
	Mixed Hardwood		56.0	Cords		
	Paper Birch		3.0	Cords		
	Red Maple		53.0	Cords		
	Mixed Oak		32.0	Cords		
	Red Oak		32.0	Cords		
	Red Pine		11.0	Cords		
	White Pine		8.0	Cords		
3	Mixed Aspen	Sawtimber	45.1	MBF	20.2	\$15,018.50
	B. T. Aspen		26.7	MBF		
	Quaking Aspen		18.4	MBF		
	Mixed Oak		17.4	MBF		
	Northern Pin Oak		17.4	MBF		
	Red Maple		0.8	MBF		
	Red Oak		7.4	MBF		
	Red Pine		5.3	MBF		
	White Pine		1.5	MBF		
	Balsam Fir	Pulpwood	4.0	Cords		
	Balsam Fir		4.0	Cords		
	Jack Pine		3.0	Cords		
	Mixed Aspen		129.0	Cords		
	B. T. Aspen		87.0	Cords		
	Quaking Aspen		42.0	Cords		
	Mixed Hardwood		20.0	Cords		
	Red Maple		20.0	Cords		
	Mixed Oak		94.0	Cords		
	Northern Pin Oak		80.0	Cords		
	Red Oak		14.0	Cords		
	Red Pine		8.0	Cords		
	White Pine		30.0	Cords		***
4	Mixed Aspen	Sawtimber	7.5	MBF	18.1	\$14,924.50
	Quaking Aspen		7.5	MBF		
	Mixed Oak		13.3	MBF		
	Northern Pin Oak		13.3	MBF	l	

Description of Timber by Payment Unit (PU), con't

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Red Maple	Sawtimber	5.9	MBF		
	Red Oak		22.8	MBF		
	Red Pine		2.7	MBF		
	White Pine		5.8	MBF		
	Balsam Fir	Pulpwood	3.0	Cords		
	Balsam Fir		3.0	Cords		
	Jack Pine		60.0	Cords		
	Mixed Aspen		50.0	Cords		
	Quaking Aspen		50.0	Cords		
	Mixed Hardwood		60.0	Cords		
	Red Maple		60.0	Cords		
	Mixed Oak		84.0	Cords		
	Northern Pin Oak		47.0	Cords		
	Red Oak		37.0	Cords		
	Red Pine		2.0	Cords		
	White Pine		40.0	Cords		
5	Mixed Aspen	Sawtimber	5.2	MBF	9.4	\$10,097.6
	B. T. Aspen		5.2	MBF		
	Mixed Oak		16.2	MBF		
	Northern Pin Oak		16.2	MBF		
	Red Maple		3.2	MBF		
	Red Oak		19.3	MBF		
	Red Pine		5.3	MBF		
	Mixed Aspen	Pulpwood	26.0	Cords		
	B. T. Aspen		26.0	Cords		
	Mixed Hardwood		57.0	Cords		
	Red Maple		57.0	Cords		
	Mixed Oak		63.0	Cords		
	Northern Pin Oak		25.0	Cords		
	Red Oak		38.0	Cords		
	Red Pine		4.0	Cords		
	White Pine		5.0	Cords		
		TOTAL:	280.5	MBF		
		TOTAL:	1,101.0	Cords		

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Sale Specific Conditions & Requirements

Sale Name: Route 66 Oak Sale Number: 54-046-16 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 and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-5, cut all trees that are two (2) inches or more at DBH, except white pine 26 inches DBH or greater in Payment Units 1-5, and green painted trees in Payment Unit 1. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.2 - Utilization

2.2.2 - Chipping required (5/14)

Payment Unit 4 must be chip harvested to facilitate subsequent planting operations. 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 Payment Unit(s) 4 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

3 - Payments

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are white pine exceeding 26 inches DBH in Payment Units 1, 2, 3 and 5. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay 100.00 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

3.6 - Payment Unit Cutting Schedule

3.6.3 - Operating schedule (12/08)

Unless changed by written agreement, only 2 Payment Unit(s) may be operated at any one time. All contractual requirements on a Payment Unit shall be completed and accepted by the Unit Manager or his/her representative prior to the opening of an additional Payment Unit.

4 - Transportation

4.1 - Construction

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. New roads will be allowed only for access to Payment Units 1 and 3. The Unit Manager's representative must pre-approve the route layout. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Reserve stumps in Payment Units 1 and 3 for closing roads and skid trails. 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 within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. These roads must be rendered impassable to cars and trucks. 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 road. In Payment Units 1 and 3, all stumps from road building and landing construction must be reserved for this purpose. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Fill material must consist of either crushed rock or cobblestone.

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 (10/11)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 10 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

5.2.2 - 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) 3, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of July 1 through November 15. This restriction is due to soil conditions north of Co. Rd. 628 and potential user conflicts.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant aspen 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.

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (8/13)

To encourage grouse and other wildlife, in Payment Unit(s) 3 and 4, leave one, 12" diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres. This can be an unmerchantable piece or a full tree.

5.2.31 - Landing locations (9/13)

Landing areas are marked on the Timber Sale Map, as shown in the legend. Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative. In general, landings are limited to a "T" turnaround which will accommodate a truck with a 53 foot trailer.

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.

5.2.37 - No decking areas (12/08)

No decking is allowed on any gas well site.

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

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

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

An ORV trail is shown on the Timber Sale Map. Do not cut trees or damage posts with orange ORV markers. Trees with orange ORV markers shall be cut off above the markers and at least 5 feet above ground. All other 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 as the centerline. Do not run equipment down the ORV trail.

5.2.41 - Snowmobile trail protection (9/11)

A 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 November 15. The snowmobile trail may not be used for any timber sale operations--including decking--from November 15 to March 31. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. 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. In addition, skidding operations shall not result in translocation of soil. 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.

5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail which runs through Payment Unit 3 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.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on the ORV trails which run through this sale 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.

7 - Other Conditions

7.3 - Contract Modifications

7.3.2 - Modification for oak wilt (2/05)

Within the sale area, there may be patches of oak wilt. If oak wilt is identified within the sale area, this contract may be modified. The following modifications could occur: time of cutting, species to cut, volume to harvest, or various others dealing with the treatment of oak wilt. If a species is not specified in this contract, it shall be paid for at the average price received for that species and product.

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.

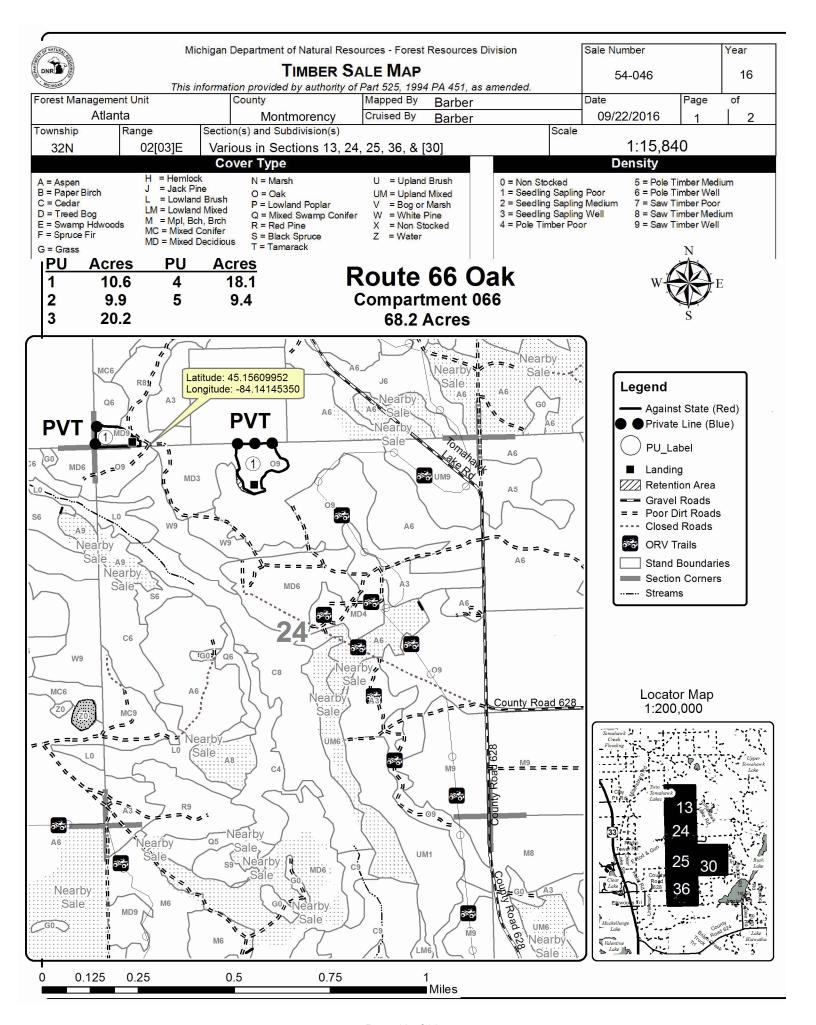
8 - Performance and Settlement

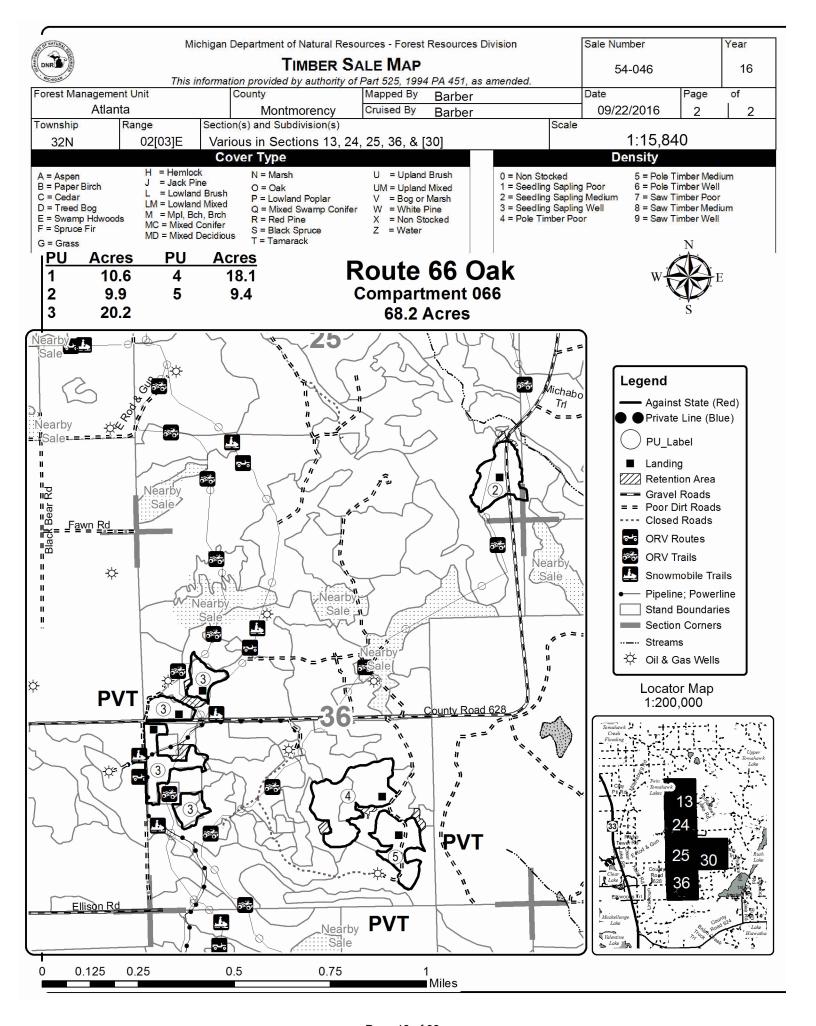
8.3 - Uncompleted or Terminated Contracts

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.

Section Name: Sale Specific Current as of 7/10/2017 3:47:07PM





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TIMBER SALE INFORMATION

Route 66 Aspen (54-048-16)

Montmorency County (Advertised Price \$87,654.55)

SALE NOTE: The Lower Peninsula Site Condition Forester must be contacted at least 6 months before the pre-sale meeting to schedule the usage of 222 feet of composite crane mats. Please contact the sale administrator for information.

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. Access may be through private or other public land.

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	ESTIMATE	ED UNITS*	AD\	/ERTISED PRICE
Sawtimber				
Basswood	12.20	MBF	\$	84.00 / MBF
Mixed Aspen	79.50	MBF	\$	86.00 / MBF
Paper Birch	6.60	MBF	\$	59.00 / MBF
Red Maple	30.20	MBF	\$	133.00 / MBF
Red Oak	24.50	MBF	\$	166.00 / MBF
Red Pine	55.90	MBF	\$	128.00 / MBF
White Pine	59.90	MBF	\$	86.00 / MBF
Pulpwood				
Balsam Fir	246.00	Cords	\$	30.30 / Cord
Basswood	22.00	Cords	\$	14.60 / Cord
Mixed Aspen	679.00	Cords	\$	21.70 / Cord
Mixed Hardwood	637.00	Cords	\$	20.10 / Cord
Mixed Spruce	308.00	Cords	\$	39.35 / Cord
Red Oak	113.00	Cords	\$	21.05 / Cord
Red Pine	57.00	Cords	\$	50.05 / Cord
White Pine	163.00	Cords	\$	38.95 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 12.28 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 \$4,383.00 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	Mixed Aspen	Sawtimber	19.2	MBF	10.5	\$6,982.10
	Red Maple		3.2	MBF		
	Red Oak		1.8	MBF		
	Red Pine		2.9	MBF		
	White Pine		5.8	MBF		
	Balsam Fir	Pulpwood	12.0	Cords		
	Mixed Aspen		52.0	Cords		
	Mixed Hardwood		42.0	Cords		
	Mixed Spruce		4.0	Cords		
	Red Oak		12.0	Cords		
	Red Pine		5.0	Cords		
	White Pine		19.0	Cords		
2	Mixed Aspen	Sawtimber	22.6	MBF	37.3	\$27,650.65
	Paper Birch		1.2	MBF		
	Red Oak		8.1	MBF		
	Red Pine		2.8	MBF		
	White Pine		40.9	MBF		
	Balsam Fir	Pulpwood	56.0	Cords		
	Mixed Aspen		232.0	Cords		
	Mixed Hardwood		128.0	Cords		
	Mixed Spruce		145.0	Cords		
	Red Oak		48.0	Cords		
	Red Pine		3.0	Cords		
	White Pine		109.0	Cords		
3	Mixed Aspen	Sawtimber	1.1	MBF	9.5	\$4,266.85
	Red Pine		3.8	MBF		
	White Pine		1.4	MBF		
	Balsam Fir	Pulpwood	15.0	Cords		
	Mixed Aspen		65.0	Cords		
	Mixed Hardwood		50.0	Cords		
	Red Pine		3.0	Cords		
	White Pine		14.0	Cords		
4	Basswood	Sawtimber	12.2	MBF	43.5	\$34,875.45
	Mixed Aspen		16.3	MBF		
	Paper Birch		5.4	MBF		
	Red Maple		16.9	MBF		
	Red Oak		6.5	MBF		
	Red Pine		32.8	MBF		
	White Pine		11.8	MBF		
	Balsam Fir	Pulpwood	155.0	Cords		
	Basswood		17.0	Cords		
	Mixed Aspen		171.0	Cords		
	Mixed Hardwood		279.0	Cords		
	Mixed Spruce		159.0	Cords		
	Red Oak		23.0	Cords		
	Red Pine		40.0	Cords		
	White Pine		15.0	Cords		
5	Mixed Aspen	Sawtimber	8.8	MBF	6.9	\$3,057.20
	Balsam Fir	Pulpwood	8.0	Cords		
	Basswood		5.0	Cords		
	Mixed Aspen		77.0	Cords		
	Mixed Hardwood		4.0	Cords		
	White Pine		6.0	Cords		
6	Mixed Aspen	Sawtimber	11.5	MBF	13.7	\$10,822.30
	Red Maple		10.1	MBF		
	Red Oak		8.1	MBF	1	

Description of Timber by Payment Unit (PU), con't

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Red Pine Mixed Aspen Mixed Hardwood Red Oak Red Pine	Sawtimber Pulpwood	13.6 82.0 134.0 30.0 6.0	MBF Cords Cords Cords Cords		
	1.100.1.110	TOTAL:	268.8	MBF		
		TOTAL:	2,225.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Route 66 Aspen Sale Number: 54-048-16 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 and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected.

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, except do not cut white pine over 26 inches DBH, cedar, hemlock, or white oak. Also, in Payment Unit 3, do not cut oak.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible in Payment Units 4 and 6, unless approved by the Unit Manager or his/her representative. If at any point damage exceeds specification 3.4.1, 3.4.2, or 5.4.1, all of the remaining wood must be skid in lengths less than 17 feet.

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) 1-3, and 5. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

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 5% 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.

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are white pine exceeding 26 inches at DBH. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100.00 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

3.6 - Payment Unit Cutting Schedule

3.6.1 - Order of cutting (1/09)

Payment Units shall be cut in the following order:

Payment Unit 1 will be cut first. Payment Unit 3 will be cut second. If MDNR crane mats will be used to access Payment Unit 5, then it will be cut third.

3.6.3 - Operating schedule (12/08)

Unless changed by written agreement, only 2 Payment Unit(s) may be operated at any one time. All contractual requirements on a Payment Unit shall be completed and accepted by the Unit Manager or his/her representative prior to the opening of an

additional Payment Unit.

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, chipped, utilized or otherwise removed from the sale.

4.1.6 - Road construction (1/09)

New roads will be allowed only for access to Payment Units 1, 3, and 5. 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. Reserve stumps for closing roads and skid trails. Disturbed soil shall be feathered into the woods and not left in berms or windrows. The Unit Manager or his/her representative must pre-approve route layout.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. These roads must be rendered impassable to cars and trucks. 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 road. All stumps from road building and landing construction must be reserved for this purpose. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days.

4.1.8 - Road work (1) (8/07)

The following road work is required: Approximately 70 linear feet of rock fill will be required for a wetland crossing as shown on sale map. Rock fill may be any clay-free gravel consisting of crushed rock or washed cobbles. At the lowest point in the wetland, place a 24-inch diameter culvert extending 2 feet beyond the side slopes on both sides the of road. The culvert shall be buried 1 foot into the wetland floor. Cover to a minimum depth of 12 inches with crushed-rock gravel.

It will be necessary to build a new segment of road to the Payment Unit 1 landing. The exact route will be determined at pre-sale meeting.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Fill material must consist of either crushed rock or cobblestone.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land for entrance to Payment Unit 5 is the responsibility of the Purchaser. A copy of the written permission from the private landowner must be given to the Unit Manager within 30 days of the bid opening and prior to the beginning of operations. Alternatively, a skid trail may be constructed per the Unit Manager's specifications.

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 10 days in advance to schedule the conference.

NOTE: The MDNR Lower Peninsula Site Condition Forester must be contacted 6 months before the pre-sale conference to schedule the use of 222 feet of composite crane mats. Please contact the sale administrator for information.

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.

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1, 3-5, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of July 1 through February 28. This restriction is due to soil conditions.

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.

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (8/13)

To encourage grouse and other wildlife, in Payment Unit(s) 1-6, leave one, 12" diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres. This can be an unmerchantable piece or a full tree.

5.2.17 - Crane Mats/Timber Mats (10/14)

Some roads or skid trails may require extra protection such as that afforded by composite Crane Mats/Timber Mats. Approximately 222 feet of composite Crane Mats/Timber Mats or something similar must be used on skid trails at locations shown on the Timber Sale Map. If available, Crane Mats/Timber Mats may be borrowed from the DNR and are located at the Marquette ICC and the Grayling Field Office. Contact the sale administrator for specific details. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's Crane Mats/Timber Mats. It is the responsibility of the Purchaser to contact the sale administrator to schedule pick up and drop off. In addition, all mats must be cleaned prior to drop off. A charge of \$350.00 will be assessed for all damaged or non-returned mats. Damage is defined as misuse resulting in three or more broken cants.

5.2.31 - Landing locations (9/13)

Landing areas are marked on the Timber Sale Map as shown in map legend. Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative. In general, landings are limited to a "T" turnaround which will accommodate a truck with a 53 foot trailer.

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.

5.2.37 - No decking areas (12/08)

No decking is allowed on any gas well site.

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

An ORV trail is shown on the Timber Sale Map. Do not damage posts with orange ORV markers. Trees with orange ORV markers shall be cut off above the markers and at least 5 feet above ground. All other 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 as the centerline. Do not run equipment down the ORV trail.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail running through Payment Unit 6 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 to access Payment Units 1 and 3-6, 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 November 15. 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 in Payment Unit 6. 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 from December 1 through March 31. 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. In addition, skidding operations shall not result in translocation of soil. 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.

5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

6 - Safety and Fire Prevention

6.2 - Signing

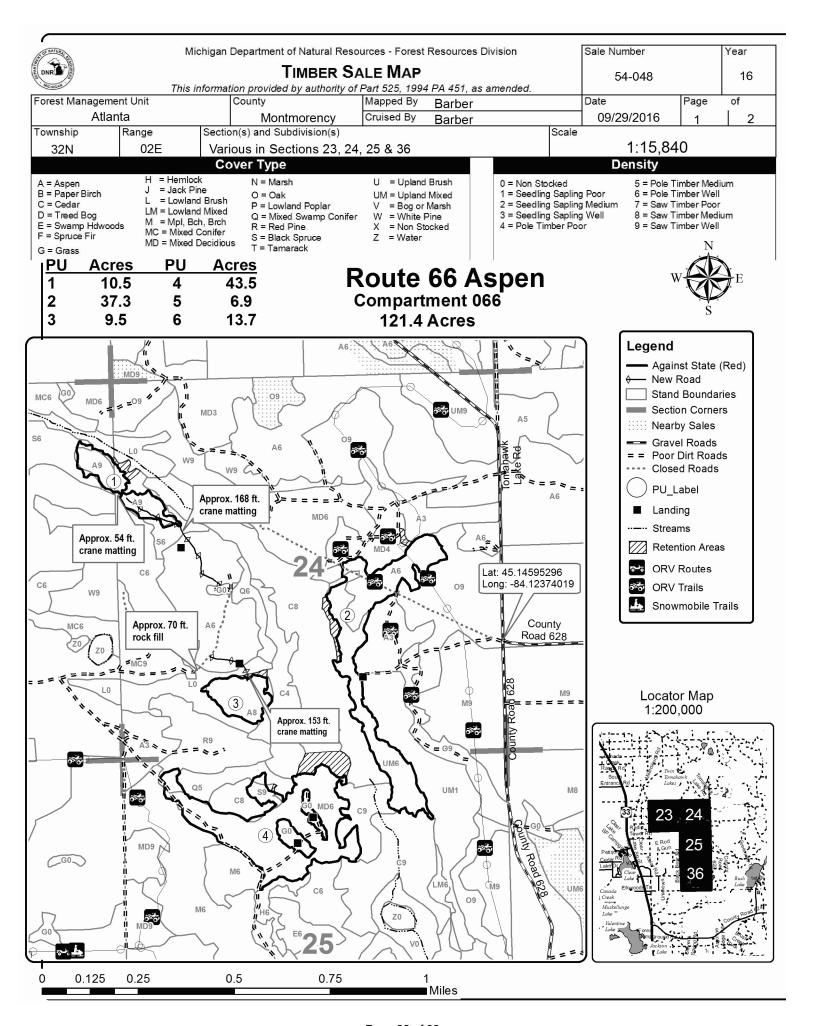
6.2.2 - Snowmobile trail posting (8/09)

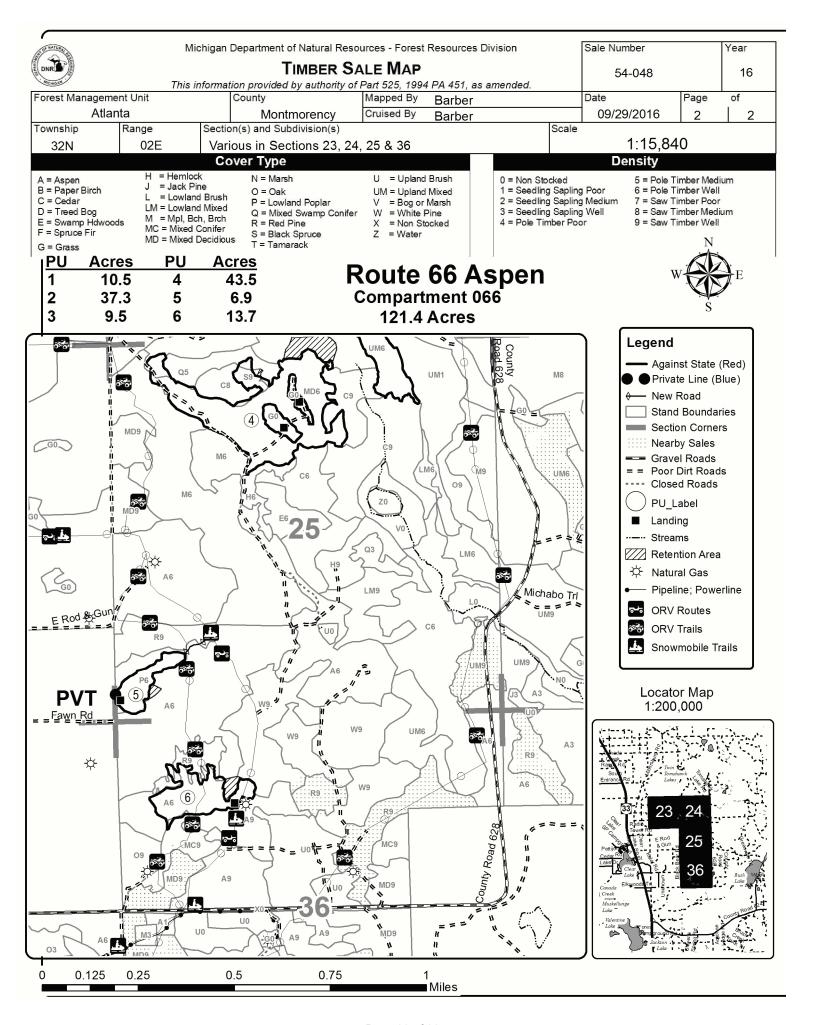
The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail which runs through Payment Unit 6 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on the ORV trails which run through this sale 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 8/28/2017 3:53:19PM





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TIMBER SALE INFORMATION

Archaeological Mix (54-049-16)

Montmorency County (Advertised Price \$31,395.50)

SALE NOTE: 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				
Northern Pin Oak	8.50	MBF	\$	118.00 / MBF
Quaking Aspen	2.10	MBF	\$	86.00 / MBF
Red Maple	0.90	MBF	\$	133.00 / MBF
Red Oak	0.40	MBF	\$	166.00 / MBF
Red Pine	67.00	MBF	\$	128.00 / MBF
White Pine	3.90	MBF	\$	86.00 / MBF
Pulpwood				
Balsam Fir	36.00	Cords	\$	30.30 / Cord
Jack Pine	264.00	Cords	\$	24.80 / Cord
Mixed Aspen	46.00	Cords	\$	21.70 / Cord
Mixed Hardwood	81.00	Cords	\$	20.10 / Cord
Mixed Oak	109.00	Cords	\$	21.05 / Cord
Mixed Spruce	113.00	Cords	\$	39.35 / Cord
Red Pine	66.00	Cords	\$	50.05 / Cord
Tamarack	14.00	Cords	\$	35.30 / Cord
White Pine	8.00	Cords	\$	38.95 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 17.61 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 \$1,570.00 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 12/31/2019.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	26.2	MBF	10.9	\$10,236.60
	White Pine		3.9	MBF		
	Balsam Fir	Pulpwood	9.0	Cords		
	Balsam Fir		9.0	Cords		
	Jack Pine		59.0	Cords		
	Mixed Aspen		3.0	Cords		
	Quaking Aspen		3.0	Cords		
	Mixed Hardwood		4.0	Cords		
	Red Maple		4.0	Cords		
	Mixed Spruce		93.0	Cords		
	Black Spruce	Sawtimber	3.4	MBF		
	Black Spruce	Pulpwood	86.0	Cords		
	Red Pine	·	17.0	Cords		
	White Pine		4.0	Cords		
2	Northern Pin Oak	Sawtimber	3.0	MBF	9.8	\$2,905.05
	Balsam Fir	Pulpwood	3.0	Cords		,
	Balsam Fir	Sawtimber	0.6	MBF		
	Balsam Fir	Pulpwood	2.0	Cords		
	Jack Pine		7.0	Cords		
	Mixed Aspen		2.0	Cords		
	B. T. Aspen		2.0	Cords		
	Mixed Hardwood		19.0	Cords		
	Red Maple		19.0	Cords		
	Mixed Oak		48.0	Cords		
	Northern Pin Oak		48.0	Cords		
	Red Pine		46.0 17.0	Cords		
3	Northern Pin Oak	Sawtimber	5.5		17.1	¢12.002.70
3		Sawtimber		MBF	17.1	\$12,993.70
	Quaking Aspen		2.1	MBF		
	Red Pine	Dulavia ad	39.0	MBF		
	Jack Pine	Pulpwood	158.0	Cords		
	Mixed Aspen		34.0	Cords		
	Quaking Aspen		34.0	Cords		
	Mixed Oak		54.0	Cords		
	Northern Pin Oak		54.0	Cords		
	Red Pine		26.0	Cords		
	White Pine		2.0	Cords		
4	Red Maple	Sawtimber	0.9	MBF	11.4	\$5,299.50
	Red Oak		0.4	MBF		
	Red Pine		1.8	MBF		
	Balsam Fir	Pulpwood	24.0	Cords		
	Balsam Fir		24.0	Cords		
	Jack Pine		40.0	Cords		
	Mixed Aspen		7.0	Cords		
	Quaking Aspen		7.0	Cords		
	Mixed Hardwood		58.0	Cords		
	Box Elder		2.0	Cords		
	Paper Birch		3.0	Cords		
	Red Maple		53.0	Cords		
	Mixed Oak		7.0	Cords		
	Bl/R/Hybrid Oak		3.0	Cords		
	Red Oak		4.0	Cords		
	Mixed Spruce		21.0	Cords		
	Black Spruce	Sawtimber	0.5	MBF		
	White Spruce		1.1	MBF		
	Black Spruce	Pulpwood	16.0	Cords		

Description of Timber by Payment Unit (PU), con't

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Red Pine	Pulpwood	6.0	Cords		
	Tamarack		14.0	Cords		
	Tamarack	Sawtimber	2.3	MBF		
	Tamarack	Pulpwood	9.0	Cords		
	White Pine		2.0	Cords		
Т		TOTAL:	82.8	MBF		
		TOTAL:	738.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Archaeological Mix Sale Number: 54-049-16 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 and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-4, cut all trees that are two (2) inches or more at DBH, except white pine 26 inches DBH or greater in Payment Unit 1, and all red pine, white pine and cedar in Payment Unit 4. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.2 - Utilization

2.2.2 - Chipping required (5/14)

Payment Units 1 and 4 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).

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 1 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

3 - Payments

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are white pine exceeding 26 inches DBH in Payment Unit 1. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100.00 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

4 - Transportation

4.1 - Construction

4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed, their placement will be specified by the sale administrator and they shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 12 inches in diameter and 24 feet in length. Installation will meet standards set forth in the MDNR BMP manual.

4.1.6 - Road construction (1/09)

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.

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. Skid trails only will be allowed.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Fill material must consist of either crushed rock or cobblestone.

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 (10/11)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 10 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

5.2.2 - 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) 1, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of July 1 through November 15. This restriction is due to soil conditions and potential user conflicts.

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.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Units 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 4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (8/13)

To encourage grouse and other wildlife, in Payment Unit(s) 2 and 3, leave one, 12" diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres. This can be an unmerchantable piece or a full tree.

5.2.31 - Landing locations (9/13)

Landing areas are marked on the Timber Sale Map, as shown on the legend. Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative. In general, landings are limited to a "T"

turnaround which will accommodate a truck with a 50 foot trailer.

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.

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

An ORV trail is shown on the Timber Sale Map. Do not cut trees or damage posts with orange ORV markers. Trees with orange ORV markers shall be cut off above the markers and at least 5 feet above ground. All other 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 as the centerline. Do not run equipment down the ORV trail.

5.2.41 - Snowmobile trail protection (9/11)

A 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. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to November 15. The snowmobile trail may not be used for any timber sale operations from November 15 to March 31 without the written permission of the Unit Manager or his/her representative. No decking of forest products will be permitted along the snowmobile trail.

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. In addition, skidding operations shall not result in translocation of soil. 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.

5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

6 - Safety and Fire Prevention

6.2 - Signing

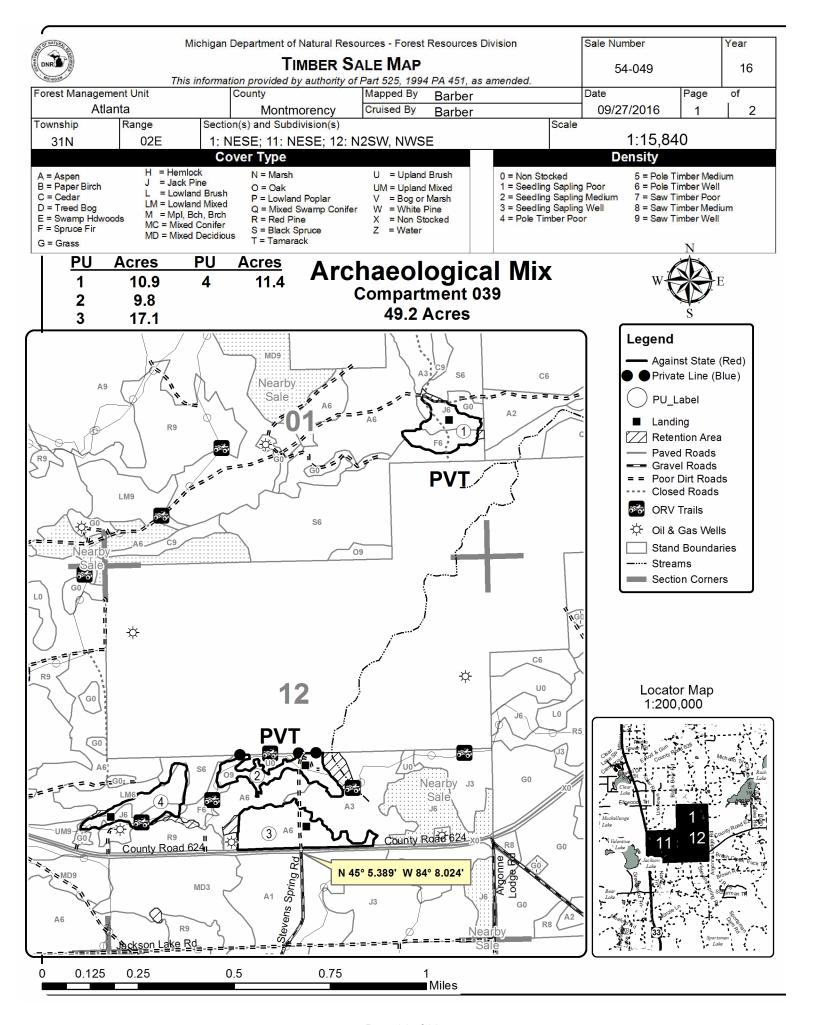
6.2.2 - Snowmobile trail posting (8/09)

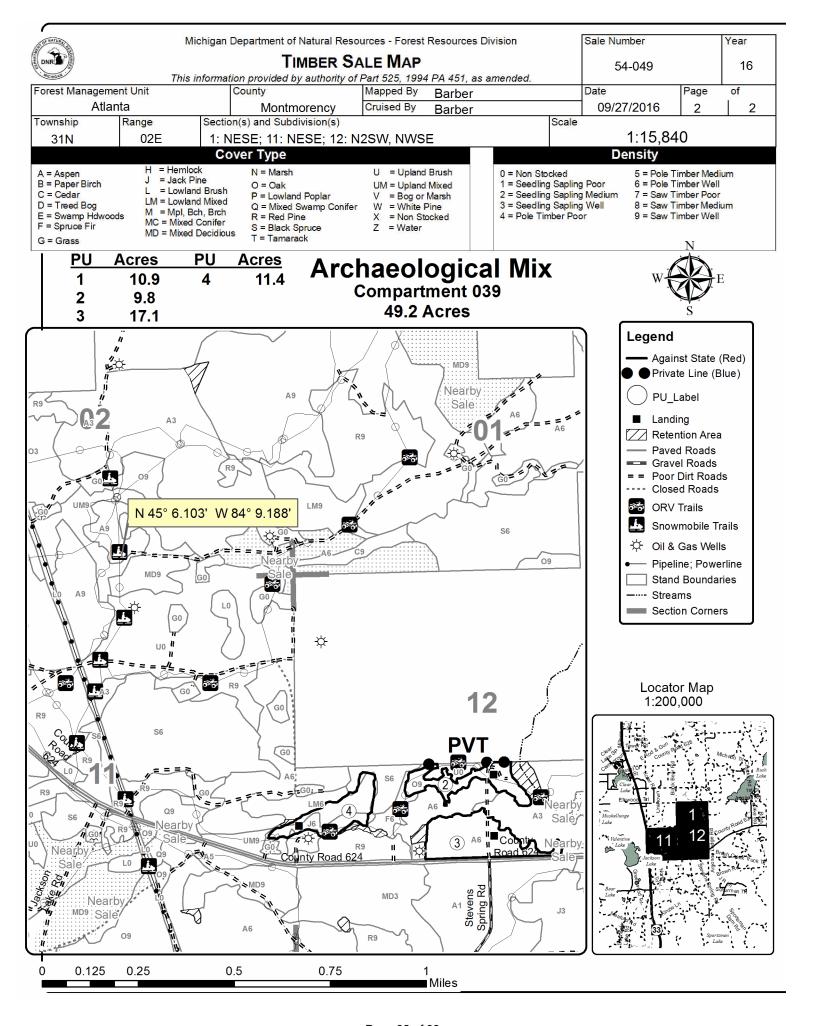
The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail which runs north from Co. Rd. 624, and will be used to access Payment Unit 1, prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at every recreational trail intersection from the county road to the two-track running east to Payment Unit 1, 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 trails which run through this sale 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 7/10/2017 3:29:03PM





BID FORM

ATLANTA MANAGEMENT UNIT
ATLANTA OFFICE

Route 66 Oak (54-046-16) ; Montmorency COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on September 26, 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 Sawtimber	ESTIMATED \	/OLUME*	<u>AD'</u>	VERTISED PRICE	BID PRICE/UNIT
Mixed Aspen	65.10	MBF	\$	86.00/MBF	\$
Mixed Oak	51.90	MBF	\$	118.00/MBF	\$
Paper Birch	1.30	MBF	\$	59.00/MBF	\$
Red Maple	9.90	MBF	\$	133.00/MBF	\$
Red Oak	92.70	MBF	\$	166.00/MBF	\$
Red Pine	49.80	MBF	\$	128.00/MBF	\$
White Pine	9.80	MBF	\$	86.00/MBF	\$
Pulpwood					
Balsam Fir	28.00	Cords	\$	30.30/Cord	\$
Jack Pine	63.00	Cords	\$	24.80/Cord	\$
Mixed Aspen	263.00	Cords	\$	21.70/Cord	\$
Mixed Hardwood	218.00	Cords	\$	20.10/Cord	\$
Mixed Oak	404.00	Cords	\$	21.05/Cord	\$
Red Pine	28.00	Cords	\$	50.05/Cord	\$
White Pine	97.00	Cords	\$	38.95/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 11.50 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 SE	CURITY NUMBER	R:	
	Company or individual bio	dding:			
	Company representative'	s name:			
	Address:				
	City:	State:	Zip:		
F AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.					
ndividual or company representative's signature: Date:					
Phone number : Email (optional):		il (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

Signature of Owner or Authorized Representative

Title

	Part 5 of Act 451 of 1994, as	, ,		
VE	RIFICATION OF WORKER'S DISABILIT	Y COMPENSATI	ON ACT COMPLIANC	E
•	This verification must be completed and sale contract.	submitted within 2	1 days of contract awar	d and prior to the issuance of the timber
 In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insur twenty-one (21) days of the contract award and prior to the issuance of the timber sale contra 				
•	All Information must be typed or printed e	except for written s	signatures.	
Ple	ease Check Appropriate Categories:			
1.	My business is organized as (you must A. ☐ Sole Proprietorship (individual) B. ☐ Partnership C. ☐ Corporation	check <u>one</u> of the l	boxes below):	
2.	You must check <u>one</u> of the boxes below A. ☐ I certify my business is a sole proprietor Worker's Compensation Laws. B. ☐ I certify my business has satisfied its of Exclusion (BWC-337, Rev. 5/96). I will questions or a copy of the BWC-337, I C. ☐ I certify my business has a Worker's Conne (21) days of the contract award.	orship and it has no bligation to the Worll Il provide a copy of to please call the Worl	rker's Compensation Act t the Notice of Exclusion wit ker's Compensation Burea	hrough the use of an approved Notice of thin 21 days of the contract award. (For au at 517-322-1195).
3.	If you have checked item 2(A) or 2(B), than yourself, including family members			
	Full-time Em	nployees		Part-time Employees
Nam	ne of Business		Federal ID (or) Social Secu	rity No.
Add	ress		Telephone ()	
City		State	ZIP	
	ereby certify that the above information is actors affecting my coverage during any c			chigan DNR of any changes that occur

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

Date

EEDERAL ID:

BID FORM

ATLANTA MANAGEMENT UNIT ATLANTA OFFICE

Archaeological Mix (54-049-16) ; Montmorency COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on September 26, 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 Sawtimber	ESTIMATED VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Northern Pin Oak	8.50 MBF	\$	118.00/MBF	\$
Quaking Aspen	2.10 MBF	\$	86.00/MBF	\$
Red Maple	0.90 MBF	\$	133.00/MBF	\$
Red Oak	0.40 MBF	\$	166.00/MBF	\$
Red Pine	67.00 MBF	\$	128.00/MBF	\$
White Pine	3.90 MBF	\$	86.00/MBF	\$
Pulpwood				
Balsam Fir	36.00 Cords	\$	30.30/Cord	\$
Jack Pine	264.00 Cords	\$	24.80/Cord	\$
Mixed Aspen	46.00 Cords	\$	21.70/Cord	\$
Mixed Hardwood	81.00 Cords	\$	20.10/Cord	\$
Mixed Oak	109.00 Cords	\$	21.05/Cord	\$
Mixed Spruce	113.00 Cords	\$	39.35/Cord	\$
Red Pine	66.00 Cords	\$	50.05/Cord	\$
Tamarack	14.00 Cords	\$	35.30/Cord	\$
White Pine	8.00 Cords	\$	38.95/Cord	\$
1				

^{*}The volumes are statistically estimated within plus (+) or minus (-) 17.61 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.

		0, 000, 12 0200			
	Company or individual bidding:				
	Company representative's name:				
	Address:				
	City:	State:	Zip:		
F AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.					
ndividual or company representative's signature: Date:				_	
Phone nu	ne number : Email (optional):		ptional):		_

OF SOCIAL SECURITY NUMBER

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



C.

Corporation

Title

Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

Sale Number (XX – XXX – XX – XX)	FOR DEPARTMENT USE ONLY
	Sale Number (XX – XXX – XX – XX)
Forest Management Unit:	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 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: My business is organized as (you must check one of the boxes below): A. □ Sole Proprietorship (individual) B. □ Partnership

You must check one of the boxes below:
 I certify 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 my business has satisfied its o bligation 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 my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (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-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

Full-time En	npioyees	Part-time Employees
Name of Business		Federal ID (or) Social Security No.
Address		Telephone ()
City	State	ZIP

I hereby certify that the above information is true and correct. I agree to notify the Michigan 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	

Date

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

FEDERAL ID:

BID FORM

ATLANTA MANAGEMENT UNIT
ATLANTA OFFICE

Route 66 Aspen (54-048-16) ; Montmorency COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on September 26, 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.

	RODUCTS & SPECIES	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
ြ	awtimber Basswood	12.20	MBF	\$	84.00/MBF	\$
	Mixed Aspen	79.50	MBF		86.00/MBF	Ψ \$
	·			\$		Ψ
	Paper Birch	6.60	MBF	\$	59.00/MBF	\$
	Red Maple	30.20	MBF	\$	133.00/MBF	\$
	Red Oak	24.50	MBF	\$	166.00/MBF	\$
	Red Pine	55.90	MBF	\$	128.00/MBF	\$
	White Pine	59.90	MBF	\$	86.00/MBF	\$
P	ulpwood					
	Balsam Fir	246.00	Cords	\$	30.30/Cord	\$
	Basswood	22.00	Cords	\$	14.60/Cord	\$
	Mixed Aspen	679.00	Cords	\$	21.70/Cord	\$
	Mixed Hardwood	637.00	Cords	\$	20.10/Cord	\$
	Mixed Spruce	308.00	Cords	\$	39.35/Cord	\$
	Red Oak	113.00	Cords	\$	21.05/Cord	\$
	Red Pine	57.00	Cords	\$	50.05/Cord	\$
	White Pine	163.00	Cords	\$	38.95/Cord	\$
- 1						

^{*}The volumes are statistically estimated within plus (+) or minus (-) 12.28 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.

	Company or individual bidding:				
	Company representative's name:				
	Address:				
	City:	State:	Zip:		
F AVAILA	ABLE, PLEASE PLACE THE PERSO	NALIZED LABEL FROM	YOUR PROSPECTUS IN T	THE ABOVE BOX.	
ndividual or company representative's signature: Date:				_	
Phone nu	mber :	Email (c	optional):		_

or SOCIAL SECURITY NUMBER:

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

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 Exclusion or Certificate of Insurance must be submitted within
	triantic and (24) days of the contract around and prior to the increase of the timber calls 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. Please Check Appropriate Categories: 1. My business is organized as (you **must** check <u>one</u> of the boxes below): A.

Sole Proprietorship (individual) B.

Partnership C.

Corporation You must check one of the boxes below: A. \square I certify 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. \(\Backslash \) I certify my business has satisfied its o bligation 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 my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twentyone (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-time 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 City State I hereby certify that the above information is true and correct. I agree to notify the Michigan 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)