



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6416

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on August 28, 2019.

LOCATION: ROSCOMMON MGMT UNIT, PO BOX 218, ROSCOMMON, MI 48653.

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

Panda Oak Strips (71-005-19) / T21N, R03W, SEC. 13, S1/2SW.

T21N, R03W, SEC. 23, NENE.

T21N, R03W, SEC. 24, NW,N1/2SW,SWSW.

Roscommon County, Advertised Price \$85,212.35, 142.0 Acres, Hardwood, Red Oak.

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.

Stairstep Red Pine (71-008-19) / T24N, R01W, SEC. 20, N1/2SE,SWSE.

T24N, R01W, SEC. 20, SWNW,N1/2NE,SENE,N1/2SW.

Roscommon County, Advertised Price \$80,303.25, 118.0 Acres, Red Pine, Aspen.

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.

Hobie Aspen (71-011-17) / T21N, R02E, SEC. 11, E1/2SW.

T21N, R02E, SEC. 15, S1/2NE,NESE.

Ogemaw County, Advertised Price \$86,329.60, 73.0 Acres, Aspen, White Pine.

BID INSTRUCTIONS (VER. 07/02/2018):

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

Bids must be received by the Unit Manager, ROSCOMMON OFFICE, PO BOX 218, ROSCOMMON, MI 48653, no later than 2:00 p.m. (local time) on August 28, 2019. For further information concerning this sale, contact Steve Anderson at 989-275-4622 extension 2740.

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 (7/18)

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 3 months after the first offense, 6 months after the second offense, and 1 year after the third offense. An offense will only be counted against the Bidder for 5 years. 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.

Payment Unit values in the State Forest Timber Sale Contract are calculated based on the advertised value of the Payment Unit as a percentage of the total advertised value of the contract. The advertised value of each Payment Unit is given in the Description of Timber by Payment Unit table on the Timber Sale Information page. For example, if the value of Payment Unit 1 is advertised as \$1,500 and the total Timber Sale value is advertised as \$10,000, the contract price for Payment Unit 1 will be 15% of the total bid price ($\$1,500/\$10,000 * 100$).

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.

DAN EICHINGER
Director

TIMBER SALE INFORMATION

Panda Oak Strips (71-005-19)

T21N, R03W, SEC. 13; T21N, R03W, SEC. 23; T21N, R03W, SEC. 24.
Roscommon County (Advertised Price \$85,212.35)

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:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
B. T. Aspen	62.20	MBF	\$ 68.00 / MBF
Red Oak	213.50	MBF	\$ 254.00 / MBF
Red Pine	9.50	MBF	\$ 119.00 / MBF
White Oak	37.00	MBF	\$ 116.00 / MBF
Pulpwood			
B. T. Aspen	54.00	Cords	\$ 30.85 / Cord
Mixed Hardwood	141.00	Cords	\$ 21.60 / Cord
Mixed Oak	747.00	Cords	\$ 18.55 / Cord
Red Pine	11.00	Cords	\$ 43.30 / Cord
White Pine	111.00	Cords	\$ 20.60 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 11.41 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 \$4,261.00 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.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	13.2%
02	17.2%
03	28.8%
04	15.2%
05	12.2%
06	13.4%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2022.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	5.4	MBF	17.0	\$11,264.05
	Red Oak		30.7	MBF		
	White Oak		5.5	MBF		
	B. T. Aspen	Pulpwood	4.0	Cords		
	Mixed Hardwood		13.0	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	1.2	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	1.0	<i>Cords</i>		
	<i>Red Maple</i>		10.0	<i>Cords</i>		
	Mixed Oak		93.0	Cords		
	<i>BI/R/Hybrid Oak</i>	<i>Sawtimber</i>	0.6	<i>MBF</i>		
	<i>BI/R/Hybrid Oak</i>	<i>Pulpwood</i>	1.0	<i>Cords</i>		
	<i>Red Oak</i>		66.0	<i>Cords</i>		
	<i>White Oak</i>		25.0	<i>Cords</i>		
	Red Pine		1.0	Cords		
	White Pine		14.0	Cords		
2	B. T. Aspen	Sawtimber	7.0	MBF	22.2	\$14,695.95
	Red Oak		40.1	MBF		
	White Oak		7.1	MBF		
	B. T. Aspen	Pulpwood	6.0	Cords		
	Mixed Hardwood		17.0	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	1.5	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	1.0	<i>Cords</i>		
	<i>Red Maple</i>		13.0	<i>Cords</i>		
	Mixed Oak		121.0	Cords		
	<i>BI/R/Hybrid Oak</i>	<i>Sawtimber</i>	0.7	<i>MBF</i>		
	<i>BI/R/Hybrid Oak</i>	<i>Pulpwood</i>	1.0	<i>Cords</i>		
	<i>Red Oak</i>		86.0	<i>Cords</i>		
	<i>White Oak</i>		33.0	<i>Cords</i>		
	Red Pine		1.0	Cords		
	White Pine		18.0	Cords		
3	B. T. Aspen	Sawtimber	11.7	MBF	37.0	\$24,469.45
	Red Oak		66.9	MBF		
	White Oak		11.8	MBF		
	B. T. Aspen	Pulpwood	9.0	Cords		
	Mixed Hardwood		29.0	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	2.5	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	2.0	<i>Cords</i>		
	<i>Red Maple</i>		22.0	<i>Cords</i>		
	Mixed Oak		202.0	Cords		
	<i>BI/R/Hybrid Oak</i>	<i>Sawtimber</i>	1.2	<i>MBF</i>		
	<i>BI/R/Hybrid Oak</i>	<i>Pulpwood</i>	2.0	<i>Cords</i>		
	<i>Red Oak</i>		142.0	<i>Cords</i>		
	<i>White Oak</i>		56.0	<i>Cords</i>		
	Red Pine		1.0	Cords		
	White Pine		30.0	Cords		
4	B. T. Aspen	Sawtimber	6.2	MBF	19.5	\$12,936.05
	Red Oak		35.3	MBF		
	White Oak		6.3	MBF		
	B. T. Aspen	Pulpwood	5.0	Cords		
	Mixed Hardwood		15.0	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	1.3	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	1.0	<i>Cords</i>		
	<i>Red Maple</i>		11.0	<i>Cords</i>		
	Mixed Oak		106.0	Cords		
	<i>BI/R/Hybrid Oak</i>	<i>Sawtimber</i>	0.6	<i>MBF</i>		
	<i>BI/R/Hybrid Oak</i>	<i>Pulpwood</i>	1.0	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>Red Oak</i>	<i>Pulpwood</i>	75.0	<i>Cords</i>		
	<i>White Oak</i>		29.0	<i>Cords</i>		
	Red Pine		1.0	Cords		
	White Pine		16.0	Cords		
5	B. T. Aspen	Sawtimber	15.2	MBF	22.0	\$10,386.10
	Red Oak		19.2	MBF		
	Red Pine		4.5	MBF		
	White Oak		3.0	MBF		
	B. T. Aspen	Pulpwood	14.0	Cords		
	Mixed Hardwood		32.0	Cords		
	<i>Paper Birch</i>	<i>Sawtimber</i>	1.0	<i>MBF</i>		
	<i>Red Maple</i>		1.9	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	1.0	<i>Cords</i>		
	<i>Red Maple</i>		25.0	<i>Cords</i>		
	Mixed Oak		106.0	Cords		
	<i>BI/R/Hybrid Oak</i>	<i>Sawtimber</i>	0.9	<i>MBF</i>		
	<i>BI/R/Hybrid Oak</i>	<i>Pulpwood</i>	1.0	<i>Cords</i>		
	<i>Red Oak</i>		70.0	<i>Cords</i>		
	<i>White Oak</i>		33.0	<i>Cords</i>		
	Red Pine		4.0	Cords		
	White Pine		16.0	Cords		
	6	B. T. Aspen	Sawtimber	16.7		
Red Oak			21.3	MBF		
Red Pine			5.0	MBF		
White Oak			3.3	MBF		
B. T. Aspen		Pulpwood	16.0	Cords		
Mixed Hardwood			35.0	Cords		
<i>Paper Birch</i>		<i>Sawtimber</i>	1.1	<i>MBF</i>		
<i>Red Maple</i>			2.0	<i>MBF</i>		
<i>Paper Birch</i>		<i>Pulpwood</i>	1.0	<i>Cords</i>		
<i>Red Maple</i>			28.0	<i>Cords</i>		
Mixed Oak			118.0	Cords		
<i>BI/R/Hybrid Oak</i>		<i>Sawtimber</i>	0.9	<i>MBF</i>		
<i>BI/R/Hybrid Oak</i>		<i>Pulpwood</i>	1.0	<i>Cords</i>		
<i>Red Oak</i>			78.0	<i>Cords</i>		
<i>White Oak</i>			37.0	<i>Cords</i>		
Red Pine			3.0	Cords		
White Pine			17.0	Cords		
TOTAL:			322.2	MBF		
TOTAL:			1,063.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Panda Oak Strips

Sale Number: 71-005-19 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. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

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

2.2.6 - Roundwood operation required (5/07)

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

2.2.8 - Utilization and removal (5/14)

All products meeting standards set forth in General Condition and Requirement 2.2 - Utilization must be removed from the sale area. This is because too much slash buildup may occur from merchantable product being left in woods.

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1-6, all wood must be removed by roundwood. No chipping is permitted.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-6 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 30% 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 \$300 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 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.

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.

4.1.12 - No new roads (1/12)

No new roads will be permitted. All operations are limited to existing roads. Skid trails only will be allowed.

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 to the condition it was prior to usage. This may include cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

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 haul routes.

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

5.2.1 - Slash

5.2.1.2 - Slash Removal

5.2.1.2.1 - Slash removal, right-of-way (9/16)

All slash must be removed at least 15 feet from the cleared right-of-way of the overhead powerline.

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

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 5-6, unless authorized by the timber sale administrator, creation of skids trails are not permitted through the strips of younger regeneration. No trees are marked within the strips for removal. This restriction is to protect the regeneration already established within these strips.

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 1-6, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

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 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.

5.4.2 - 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.

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 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.



TIMBER SALE MAP

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

Forest Management Unit Roscommon	County Roscommon	Mapped By Contractor/Martell	Date 04/19/2019	Page 1	of 1
Township 21N	Range 03W	Section(s) and Subdivision(s) Sec. 13 - S1/2SW; Sec. 23 - NENE; Sec. 24 - NW, N1/2SW, SWSW	Scale 1:15,840		

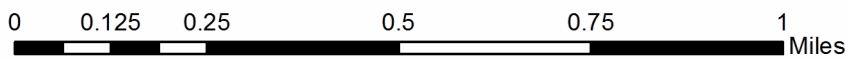
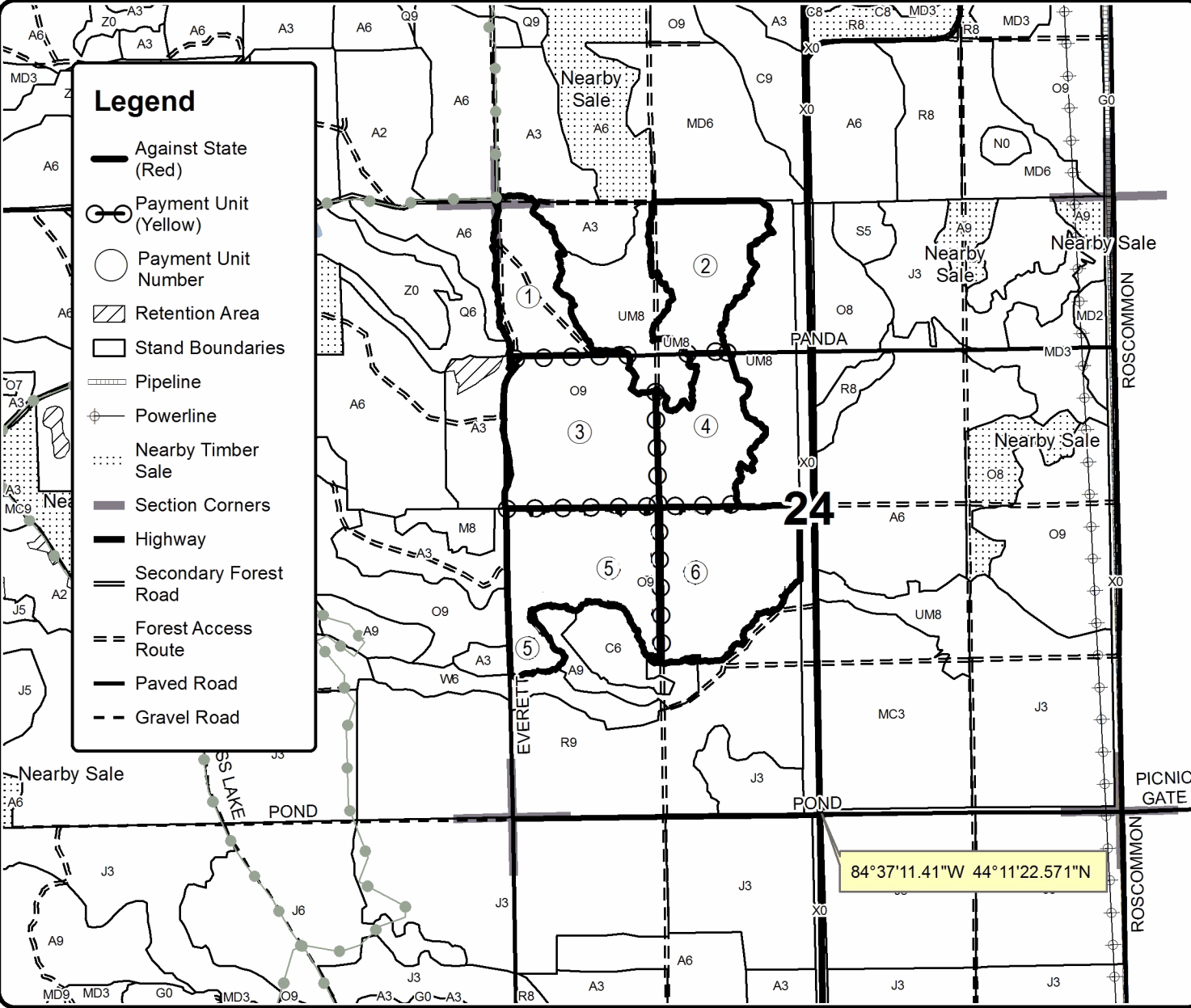
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	17.0	4	19.5
2	22.2	5	22.0
3	37.0	6	24.3

Panda Oak Strips

Compartment 027

142 Acres



TIMBER SALE INFORMATION

Stairstep Red Pine (71-008-19)

T24N, R01W, SEC. 20.

Roscommon County (Advertised Price \$80,303.25)

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:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	7.10 MBF	\$ 88.00 / MBF
Mixed Aspen	13.60 MBF	\$ 68.00 / MBF
Red Pine	178.70 MBF	\$ 119.00 / MBF
Pulpwood		
Basswood	13.00 Cords	\$ 23.90 / Cord
Bl/R/Hybrid Oak	2.00 Cords	\$ 18.55 / Cord
Mixed Aspen	465.00 Cords	\$ 30.85 / Cord
Mixed Hardwood	30.00 Cords	\$ 21.60 / Cord
Red Pine	971.00 Cords	\$ 43.30 / Cord
White Pine	5.00 Cords	\$ 20.60 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 9.58 percent. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$4,015.00 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.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	30.6%
02	23.9%
03	3.2%
04	17.1%
05	6.7%
06	18.5%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2021.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Red Pine	Sawtimber	49.4	MBF	42.8	\$24,584.20	
	Red Pine	Pulpwood	432.0	Cords			
2	Red Pine	Sawtimber	38.7	MBF	32.6	\$19,197.40	
	Red Pine	Pulpwood	337.0	Cords			
3	Mixed Aspen	Sawtimber	0.3	MBF	1.8	\$2,569.35	
	<i>Quaking Aspen</i>		0.3	<i>MBF</i>			
	Red Pine	Pulpwood	4.1	MBF			
	BI/R/Hybrid Oak		1.0	Cords			
	Mixed Aspen		20.0	Cords			
	<i>Quaking Aspen</i>		20.0	<i>Cords</i>			
	Mixed Hardwood		5.0	Cords			
	<i>Red Maple</i>		5.0	<i>Cords</i>			
	Red Pine		29.0	Cords			
	White Pine		3.0	Cords			
	<i>White Pine</i>		<i>Sawtimber</i>	0.5			<i>MBF</i>
<i>White Pine</i>	<i>Pulpwood</i>	2.0	<i>Cords</i>				
4	Red Pine	Sawtimber	73.9	MBF	17.1	\$13,730.30	
	Red Pine	Pulpwood	114.0	Cords			
5	Basswood	Sawtimber	7.1	MBF	5.8	\$5,383.25	
	Mixed Aspen		2.5	MBF			
	<i>B. T. Aspen</i>		0.9	<i>MBF</i>			
	<i>Quaking Aspen</i>	1.6	<i>MBF</i>				
	Red Pine	Pulpwood	3.8	MBF			
	Basswood		13.0	Cords			
	Mixed Aspen		77.0	Cords			
	<i>B. T. Aspen</i>		6.0	<i>Cords</i>			
	<i>Quaking Aspen</i>		71.0	<i>Cords</i>			
	Mixed Hardwood		9.0	Cords			
	<i>Sugar Maple</i>		<i>Sawtimber</i>	1.2			<i>MBF</i>
	<i>Red Maple</i>		<i>Pulpwood</i>	3.0			<i>Cords</i>
	<i>Sugar Maple</i>		4.0	<i>Cords</i>			
Red Pine	29.0		Cords				
6	Mixed Aspen	Sawtimber	10.8	MBF	17.9	\$14,838.75	
	<i>Quaking Aspen</i>		10.8	<i>MBF</i>			
	Red Pine	Pulpwood	8.8	MBF			
	BI/R/Hybrid Oak		1.0	Cords			
	Mixed Aspen		368.0	Cords			
	<i>Quaking Aspen</i>		368.0	<i>Cords</i>			
	Mixed Hardwood		16.0	Cords			
	<i>Black Cherry</i>		15.0	<i>Cords</i>			
	<i>Red Maple</i>		1.0	<i>Cords</i>			
	Red Pine		30.0	Cords			
White Pine	2.0	Cords					
<i>White Pine</i>	2.0	<i>Cords</i>					
TOTAL:			199.4	MBF			
TOTAL:			1,486.0	Cords			

Sale Specific Conditions & Requirements

Sale Name: Stairstep Red Pine

Sale Number: 71-008-19 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. 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) 3, 5 and 6, cut all trees that are one (1) inch or more at DBH.

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

Within Payment Unit(s) 1, 2 and 4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

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.

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 Payment Units 1, 2 and 4, 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.

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, or be chipped, scattered, utilized or otherwise removed from the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. 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

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during wet weather conditions.

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.

4.2.5 - 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 between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations.

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

The Purchaser is responsible for contacting the pipeline company 10 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Rod Henry with Summit Petroleum at (989) 289-6944 or (989) 433-2901.

5.1.4 - Post-sale conference (10/16)

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

5.2 - Conduct of Operations

5.2.1 - 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 4, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.3.6 - 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 Payment Units 3, 5 and 6 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

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two trees, nine (9) inches or larger in diameter on the ground for every two acres within Payment Unit 6. They should be scattered throughout the sale or positioned per the sale administrators instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of eight feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 6, leave at least one large top pile per every 2 acres. These piles should be at least 10 feet in circumference and contain at least one log 8 inches in diameter and 8 feet in length. These will be evenly scattered throughout the unit.

5.2.30 - Landing/road top soil protection (2/15)

Top soil on landings and new roads must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation.

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 (4/18)

The ORV trail is shown on the Timber Sale Map. Do not damage posts with yellow ORV markers. Trees with yellow 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.

5.2.43 - Opening protection (12/08)

No activities are permitted in openings marked on the Timber Sale Map with the letter "G". Any damage to the openings shall be repaired according to specifications of the Unit Manager or his/her representative.

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.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on 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.



TIMBER SALE MAP

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

Forest Management Unit Roscommon Management Unit	County Roscommon County	Mapped By LEWICKI	Date 12/1/2018	Page 1	of 1
Township 24N	Range 01W	Section(s) and Subdivision(s) S.20 N1/2NE; N1/2SE; SWSE; N1/2SW; SWNW	Scale 1:15,840		

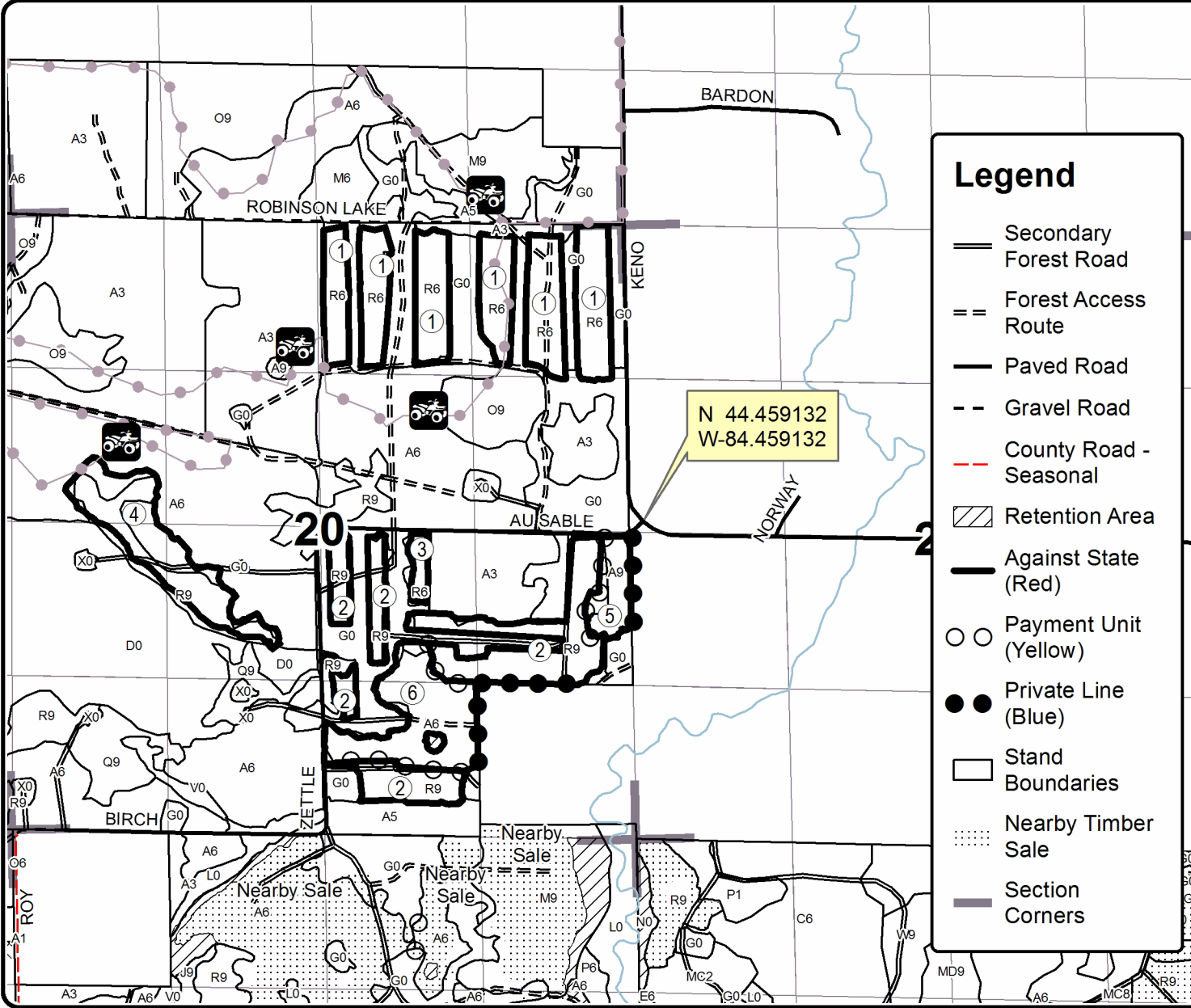
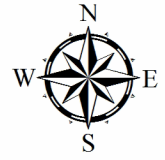
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl. Bch. Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	42.8	4	17.1
2	32.6	5	5.8
3	1.8	6	17.9

STAIRSTEP RED PINE

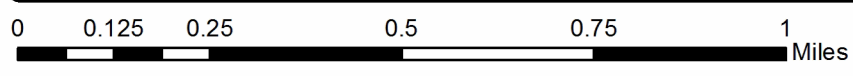
Compartment 66

118.0 Acres



Legend

- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Retention Area
- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Stand Boundaries
- Nearby Timber Sale
- Section Corners



TIMBER SALE INFORMATION

Hobie Aspen (71-011-17)

T21N, R02E, SEC. 11; T21N, R02E, SEC. 15.
Ogemaw County (Advertised Price \$86,329.60)

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
B. T. Aspen	649.00 MBF	\$ 68.00 / MBF
Bl/R/Hybrid Oak	9.70 MBF	\$ 127.00 / MBF
Red Maple	5.70 MBF	\$ 68.00 / MBF
White Oak	2.60 MBF	\$ 116.00 / MBF
White Pine	50.40 MBF	\$ 58.00 / MBF
Pulpwood		
B. T. Aspen	1,094.00 Cords	\$ 30.85 / Cord
Mixed Oak	60.00 Cords	\$ 18.55 / Cord
Red Maple	39.00 Cords	\$ 21.60 / Cord
White Pine	80.00 Cords	\$ 20.60 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 11.64 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 \$4,316.00 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.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	4.9%
02	43.4%
03	51.7%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 09/30/2021.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	14.6	MBF	4.5	\$4,191.20
	BI/R/Hybrid Oak		3.4	MBF		
	White Oak		1.0	MBF		
	B. T. Aspen	Pulpwood	75.0	Cords		
	Mixed Oak		7.0	Cords		
	<i>BI/R/Hybrid Oak</i>		6.0	<i>Cords</i>		
	<i>White Oak</i>		1.0	<i>Cords</i>		
	Red Maple		1.0	Cords		
	White Pine		9.0	Cords		
2	B. T. Aspen	Sawtimber	274.0	MBF	35.2	\$37,492.90
	BI/R/Hybrid Oak		2.6	MBF		
	White Oak		1.6	MBF		
	White Pine	1.6	MBF			
	B. T. Aspen	Pulpwood	560.0	Cords		
	Mixed Oak		22.0	Cords		
	<i>BI/R/Hybrid Oak</i>		19.0	<i>Cords</i>		
	<i>White Oak</i>		3.0	<i>Cords</i>		
	Red Maple		12.0	Cords		
White Pine	15.0		Cords			
3	B. T. Aspen	Sawtimber	360.4	MBF	33.3	\$44,645.50
	BI/R/Hybrid Oak		3.7	MBF		
	Red Maple		5.7	MBF		
	White Pine	48.8	MBF			
	B. T. Aspen	Pulpwood	459.0	Cords		
	Mixed Oak		31.0	Cords		
	<i>BI/R/Hybrid Oak</i>		31.0	<i>Cords</i>		
	Red Maple		26.0	Cords		
	White Pine		56.0	Cords		
TOTAL:			717.4	MBF		
TOTAL:			1,273.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Hobie Aspen

Sale Number: 71-011-17 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 - 3, cut all trees that are two (2) inches or more at DBH, except do not cut any tree marked at breast and stump height with green paint.

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.

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 the residual 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.

3.6 - Payment Unit Cutting Schedule

3.6.2 - One active unit (12/08)

Each Payment Unit must be completed to the satisfaction of the Unit Manager or his/her representative before the next unit may be opened.

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 or be chipped, utilized or otherwise removed from the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, 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

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during spring breakup or during wet weather conditions.

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: 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.

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

5.2.3.11 - 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

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two trees or logs, nine (9) inches or larger in diameter on the ground for every two acres. They should be scattered throughout the sale or positioned per the sale administrators instructions. If possible, the logs or trees should be felled or placed so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

5.2.29 - Shrub protection (9/07)

Do not cut or damage hawthorn, witch-hazel, dogwood or junberry. 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.

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

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

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (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.

5.4.3 - 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.



TIMBER SALE MAP

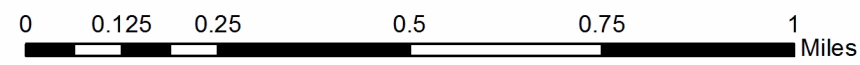
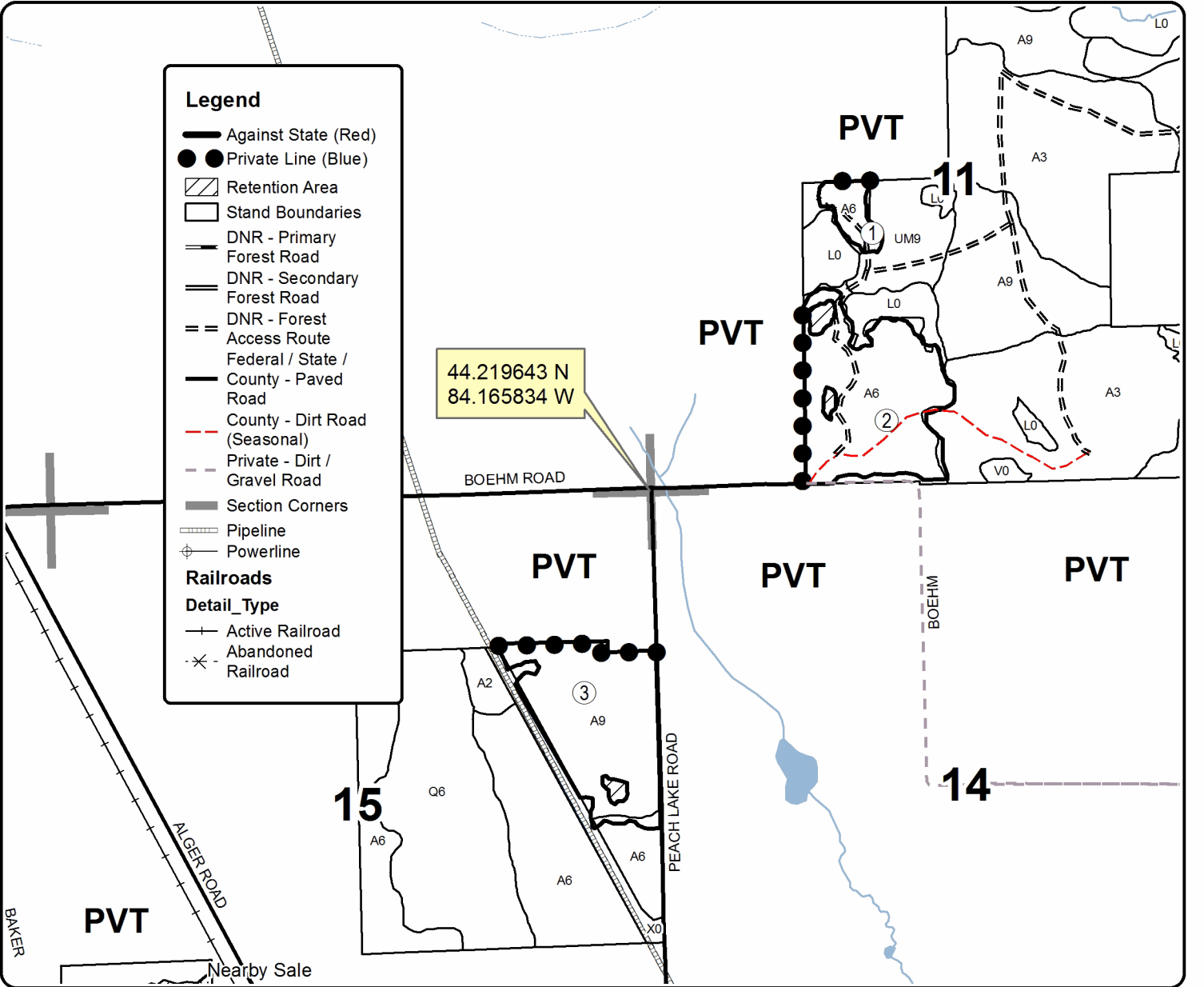
This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Roscommon		County Ogemaw	Mapped By Anderson/Fanelli	Date 12-06-2018	Page 1	of 1
Township 22N	Range 02E	Section(s) and Subdivision(s) 11 - E1/2SW 15 - SENE;NESE		Scale 1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres
1	4.5
2	35.2
3	33.3

Hobie Aspen Compartment 201 73.0 Acres



Panda Oak Strips (71-005-19)
T21N, R03W, SEC. 13; T21N, R03W, SEC. 23; T21N, R03W, SEC. 24;

In response to the notice of sale to be held 2:00 p.m. (local time) on August 28, 2019, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
B. T. Aspen	62.20 MBF	\$ 68.00/MBF	\$ _____
Red Oak	213.50 MBF	\$ 254.00/MBF	\$ _____
Red Pine	9.50 MBF	\$ 119.00/MBF	\$ _____
White Oak	37.00 MBF	\$ 116.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	54.00 Cords	\$ 30.85/Cord	\$ _____
Mixed Hardwood	141.00 Cords	\$ 21.60/Cord	\$ _____
Mixed Oak	747.00 Cords	\$ 18.55/Cord	\$ _____
Red Pine	11.00 Cords	\$ 43.30/Cord	\$ _____
White Pine	111.00 Cords	\$ 20.60/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 11.41 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

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

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

Phone number : _____ Email (optional): _____

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



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

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 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 one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify 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 obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify 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 Employees

_____ 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

Title

Date

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

Stairstep Red Pine (71-008-19)
T24N, R01W, SEC. 20; Roscommon COUNTY

In response to the notice of sale to be held 2:00 p.m. (local time) on August 28, 2019, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Basswood	7.10 MBF	\$ 88.00/MBF	\$ _____
Mixed Aspen	13.60 MBF	\$ 68.00/MBF	\$ _____
Red Pine	178.70 MBF	\$ 119.00/MBF	\$ _____
Pulpwood			
Basswood	13.00 Cords	\$ 23.90/Cord	\$ _____
Bl/R/Hybrid Oak	2.00 Cords	\$ 18.55/Cord	\$ _____
Mixed Aspen	465.00 Cords	\$ 30.85/Cord	\$ _____
Mixed Hardwood	30.00 Cords	\$ 21.60/Cord	\$ _____
Red Pine	971.00 Cords	\$ 43.30/Cord	\$ _____
White Pine	5.00 Cords	\$ 20.60/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 9.58 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

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

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

Phone number : _____ Email (optional): _____

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



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

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 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 one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify 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 obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify 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 Employees

_____ 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

Title

Date

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

Hobie Aspen (71-011-17)
T21N, R02E, SEC. 11; T21N, R02E, SEC. 15; Ogemaw COUNTY

In response to the notice of sale to be held 2:00 p.m. (local time) on August 28, 2019, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
B. T. Aspen	649.00 MBF	\$ 68.00/MBF	\$ _____
Bl/R/Hybrid Oak	9.70 MBF	\$ 127.00/MBF	\$ _____
Red Maple	5.70 MBF	\$ 68.00/MBF	\$ _____
White Oak	2.60 MBF	\$ 116.00/MBF	\$ _____
White Pine	50.40 MBF	\$ 58.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	1,094.00 Cords	\$ 30.85/Cord	\$ _____
Mixed Oak	60.00 Cords	\$ 18.55/Cord	\$ _____
Red Maple	39.00 Cords	\$ 21.60/Cord	\$ _____
White Pine	80.00 Cords	\$ 20.60/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 11.64 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

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

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

Phone number : _____ Email (optional): _____

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



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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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Part 5 of Act 451 of 1994, as amended.

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

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 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
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_____ Full-time Employees

_____ 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

Title

Date

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