

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

TIMBER SALE PROSPECTUS #6871

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on September 21, 2021. 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:

Badger Beatdown Mix (54-002-20) / T32N, R03E, SEC. 1, NW,NWNE.

T32N, R03E, SEC. 2, NW, NE, NESW, NWSE.

T32N, R03E, SEC. 3, NENE.

Montmorency County, Advertised Price \$155,379.20, 224.9 Acres, Aspen, Hardwood.

Fertilized Red Pine (54-017-20) / T32N, R03E, SEC. 34, SENE, N1/2SE.

Montmorency County, Advertised Price \$7,375.45, 16.1 Acres, Red Pine, Hardwood.

SALE NOTE: This is a smaller sale removing all overstory trees. Off of two county roads, a dry site.

CR 628 and Voyer Aspen (54-020-20) / T31N, R03E, SEC. 3, SENW.

T32N, R03E, SEC. 22, SESW, SE.

T32N, R03E, SEC. 27, NENW, E1/2SW, W1/2SE.

T32N, R03E, SEC. 34, NENW, NWNE, NWSW, S1/2SW.

Montmorency County, Advertised Price \$195,381.10, 181.3 Acres, Aspen, Hardwood.

CR 628 and Boden Aspen (54-021-20) / T32N, R03E, SEC. 24, S1/2NW,NESW,NWSE.

Montmorency County, Advertised Price \$111,441.80, 72.7 Acres, Aspen, Red Oak.

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

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 21, 2021. 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 (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

Badger Beatdown Mix (54-002-20)

T32N, R03E, SEC. 1; T32N, R03E, SEC. 2; T32N, R03E, SEC. 3. Montmorency County (Advertised Price \$155,379.20)

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. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Basswood	2.7	MBF	\$	53.00 / MBF
Mixed Aspen	125.0	MBF	\$	137.00 / MBF
Red Maple	10.5	MBF	\$	81.00 / MBF
Red Pine	3.9	MBF	\$	86.00 / MBF
Sugar Maple	5.1	MBF	\$	354.00 / MBF
White Spruce	3.6	MBF	\$	38.00 / MBF
Pulpwood				
Balsam Fir	336	Cords	\$	20.25 / Cord
Mixed Aspen	2,630	Cords	\$	34.45 / Cord
Mixed Hardwood	1,195	Cords	\$	30.40 / Cord
Red Oak	11	Cords	\$	53.30 / Cord
Red Pine	3	Cords	\$	31.30 / Cord
White Pine	21	Cords	\$	13.30 / Cord
White Spruce	36	Cords	\$	8.00 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 11.90 percent. There are an estimated 4,711 cords on this timber sale, plus or minus 561 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$7,769.00 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:

PERCENT OF TOTAL SALE VALUE
11.9%
11.8%
12.4%
15.8%
16.0%
15.1%
14.0%
0.3%
2.4%
0.3%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2024.

SALE STATISTICS

SALE VOLUMES

VOLUME		VOLUME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM	
372,145	4,711	11.90%	4,150	5,271	

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
3	260,676	3,300	13.40%	2,858	3,742
6	1,541	20	43.49%	11	28
7	664	8	78.35%	2	15
9	8,974	114	36.08%	73	155
25	99,311	1,257	14.08%	1,080	1,434
67	980	12	50.60%	6	19
TOTAL:	372,145	4,711		4,029	5,392

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
3	134.2	3	22.7
		4	28.8
		5	29.5
		6	27.5
		7	25.7
6	2.5	10	2.5
7	2.1	10	2.1
9	28.4	9	28.4
25	52.9	1	26.6
		2	26.3
67	4.8	8	4.8
TOTAL:	224.9		224.9

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	10.8	MBF	26.6	\$18,537.30
	B. T. Aspen		7.5	MBF		
	Quaking Aspen		3.3	MBF		
	Red Maple		2.9	MBF		
	Red Pine		2.0	MBF		
	Sugar Maple		0.4	MBF		
	Balsam Fir	Pulpwood	79	Cords		
	Mixed Aspen		261	Cords		
	B. T. Aspen		55	Cords		
	Quaking Aspen		206	Cords		
	Mixed Hardwood		187	Cords		
	Paper Birch		13	Cords		
	Red Maple		117	Cords		
	Sugar Maple		57	Cords		
	Red Oak		2	Cords		
	Red Pine		2	Cords		
	White Spruce		8	Cords		
2	Mixed Aspen	Sawtimber	10.7	MBF	26.3	\$18,274.10
_	B. T. Aspen	Cawamber	7.4	MBF	20.0	Ψ10,274.10
	Quaking Aspen		3.3	MBF		
	Red Maple		3.0	MBF		
	-					
	Red Pine		1.9	MBF		
	Sugar Maple	Dedama	0.3	MBF		
	Balsam Fir	Pulpwood	80	Cords		
	Mixed Aspen		258	Cords		
	B. T. Aspen		54	Cords		
	Quaking Aspen		204	Cords		
	Mixed Hardwood		184	Cords		
	Paper Birch		13	Cords		
	Red Maple		115	Cords		
	Sugar Maple		56	Cords		
	Red Oak		2	Cords		
	Red Pine		1	Cords		
	White Spruce		7	Cords		
3	Basswood	Sawtimber	0.3	MBF	22.7	\$19,271.80
	Mixed Aspen		17.3	MBF		
	B. T. Aspen		12.0	MBF		
	Quaking Aspen		5.3	MBF		
	Red Maple		0.8	MBF		
	Sugar Maple		0.7	MBF		
	White Spruce		0.6	MBF		
	Balsam Fir	Pulpwood	30	Cords		
	Mixed Aspen		352	Cords		
	B. T. Aspen		120	Cords		
	Balsam Poplar		4	Cords		
	Quaking Aspen		228	Cords		
	Mixed Hardwood		123	Cords		
	Basswood		3	Cords		
	Beech		8	Cords		
	Ironwood		1	Cords		
	Paper Birch		5	Cords		
	Red Maple		73	Cords		
	Sugar Maple		33	Cords		
	Red Oak		1	Cords		
			3			
	White Spruce	Canadian In a m		Cords	00.0	#04 F40 00
4	Basswood	Sawtimber	0.4	MBF	28.8	\$24,549.30

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
con't	Mixed Aspen	Sawtimber	22.0	MBF		
	B. T. Aspen		15.3	MBF		
	Quaking Aspen		6.7	MBF		
	Red Maple		1.0	MBF		
	Sugar Maple		0.9	MBF		
	White Spruce		0.8	MBF		
	Balsam Fir	Pulpwood	38	Cords		
	Mixed Aspen		448	Cords		
	B. T. Aspen		153	Cords		
	Balsam Poplar		5	Cords		
	Quaking Aspen		290	Cords		
	Mixed Hardwood		156	Cords		
	Basswood		4	Cords		
	Beech		11	Cords		
	Ironwood		2	Cords		
	Paper Birch		6	Cords		
	, Red Maple		92	Cords		
	Sugar Maple		41	Cords		
	Red Oak		2	Cords		
	White Spruce		4	Cords		
5	Basswood	Sawtimber	0.4	MBF	29.5	\$24,959.80
Ŭ	Mixed Aspen	Cavanison	22.4	MBF	20.0	Ψ2 1,000.00
	B. T. Aspen		15.7	MBF		
	Quaking Aspen		6.7	MBF		
	Red Maple		1.0	MBF		
	Sugar Maple		0.8	MBF		
	White Spruce		0.8	MBF		
	Balsam Fir	Pulpwood	39	Cords		
	Mixed Aspen	i dipwood	457	Cords		
	B. T. Aspen		457 157	Cords		
	Balsam Poplar		4	Cords		
			296	Cords		
	Quaking Aspen Mixed Hardwood					
			158 <i>4</i>	Cords Cords		
	Basswood		-			
	Beech		11	Cords		
	Ironwood		1	Cords		
	Paper Birch		6 94	Cords Cords		
	Red Maple					
	Sugar Maple		42	Cords		
	Red Oak		2	Cords		
_	White Spruce	•	4	Cords		***
6	Basswood	Sawtimber	0.4	MBF	27.5	\$23,399.80
	Mixed Aspen		21.0	MBF		
	B. T. Aspen		14.6	MBF		
	Quaking Aspen		6.4	MBF		
	Red Maple		0.9	MBF		
	Sugar Maple		0.8	MBF		
	White Spruce		0.7	MBF		
	Balsam Fir	Pulpwood	36	Cords		
	Mixed Aspen		428	Cords		
	B. T. Aspen		146	Cords		
	Balsam Poplar		5	Cords		
	Quaking Aspen		277	Cords		
	Mixed Hardwood		150	Cords		
	Basswood		4	Cords		
	Beech	l	10	Cords		

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Ironwood	Pulpwood	2	Cords		
	Paper Birch		6	Cords		
	Red Maple		88	Cords		
	Sugar Maple		40	Cords		
	Red Oak		1	Cords		
	White Spruce		4	Cords		
7	Basswood	Sawtimber	0.4	MBF	25.7	\$21,826.05
•	Mixed Aspen		19.6	MBF		Ψ= 1,0=0.00
	B. T. Aspen		13.6	MBF		
	Quaking Aspen		6.0	MBF		
	Red Maple		0.9	MBF		
	Sugar Maple		0.8	MBF		
				MBF		
	White Spruce	Dulavia a d	0.7			
	Balsam Fir	Pulpwood	34	Cords		
	Mixed Aspen		399	Cords		
	B. T. Aspen	l	136	Cords		
	Balsam Poplar		4	Cords		
	Quaking Aspen		259	Cords		
	Mixed Hardwood		139	Cords		
	Basswood		4	Cords		
	Beech		9	Cords		
	Ironwood		2	Cords		
	Paper Birch		5	Cords		
	Red Maple		82	Cords		
	Sugar Maple		37	Cords		
	Red Oak		1	Cords		
	White Spruce		3	Cords		
8	Mixed Aspen	Pulpwood	7	Cords	4.8	\$423.55
	Quaking Aspen	l '	7	Cords		·
	Mixed Hardwood		6	Cords		
	Sugar Maple		6	Cords		
9	Basswood	Sawtimber	0.8	MBF	28.4	\$3,677.95
3	Mixed Aspen	Cawaniber	1.2	MBF	20.4	ψ0,011.00
	B. T. Aspen		1.2	MBF		
	Sugar Maple		0.4	MBF		
		Dulavia a d				
	Mixed Aspen	Pulpwood	15	Cords		
	B. T. Aspen		15	Cords		
	Mixed Hardwood		92	Cords		
	Basswood		9	Cords		
	Beech		60	Cords		
	Paper Birch		2	Cords		
	Red Maple		2	Cords		
	Sugar Maple		19	Cords		
	White Spruce		2	Cords		
10	Mixed Aspen	Pulpwood	5	Cords	4.6	\$459.55
	B. T. Aspen		3	Cords		
	Quaking Aspen		2	Cords		
	White Pine		21	Cords		
	White Spruce		1	Cords		
						l
		TOTAL:	150.8	MBF		

Sale Specific Conditions & Requirements

Sale Name: Badger Beatdown Mix Sale Number: 54-002-20 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint, along with grass openings (GO's as shown on the Timber Sale Map). Exterior sale boundary lines against private are marked with blue paint. Exterior sale boundary lines against state are marked with red paint, except for the Payment Unit 3 boundaries adjacent to the GO stands, which are unpainted and identified by the opening edge. Interior retention boundaries are marked with red paint; no harvesting activities may occur within these areas. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 - 7, cut all trees that are two (2) inches or more at DBH, except do not cut any green painted trees that are 26 inches at DBH or larger. Also, do not cut any white pine in Payment Units 1 - 2 and do not cut any white pine and red pine in Payment Units 5 - 7.

Note: See spec 5.2.4.7 - 'Dead and down creation' for instructions on orange marked trees.

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

Within Payment Unit(s) 8 - 10, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, in Payment Units 8 - 9, cut all beech except for those marked with green paint.

2.2 - Utilization

2.2.5 - Limbed tree skidding (1/09)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Units 8 - 10, unless approved by the Unit Manager or his/her representative. If damage exceeds specification 3.4.1, all products must be processed at the stump using a shortwood operation and forward to the landing.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) valued greater than \$25,000 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 Amendment. There will be only one division per Payment Unit.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

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 undesignated live 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 marked with green paint and all undesignated pine. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$150 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

4.1.3 - Slash and earthen piles (8/04)

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

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

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

4.2 - Maintenance

4.2.5 - 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. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (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

5.2.2 - 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) 8 - 10, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in Payment Units 1 - 7 must be completed within 30 days of severing/cutting stem(s) to minimize damage to deciduous 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

5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over and leave on-site all orange painted trees within Payment Units 1 - 7. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over. If it is impractical to push the trees over, they may be cut or partially cut and pushed over. Whenever possible, the tree stem should remain suspended off the ground.

5.2.31 - Landing locations (9/13)

Recommended landing locations are shown on the Timber Sale Map. Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative.

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.

5.4.2 - Skid trails (2/04)

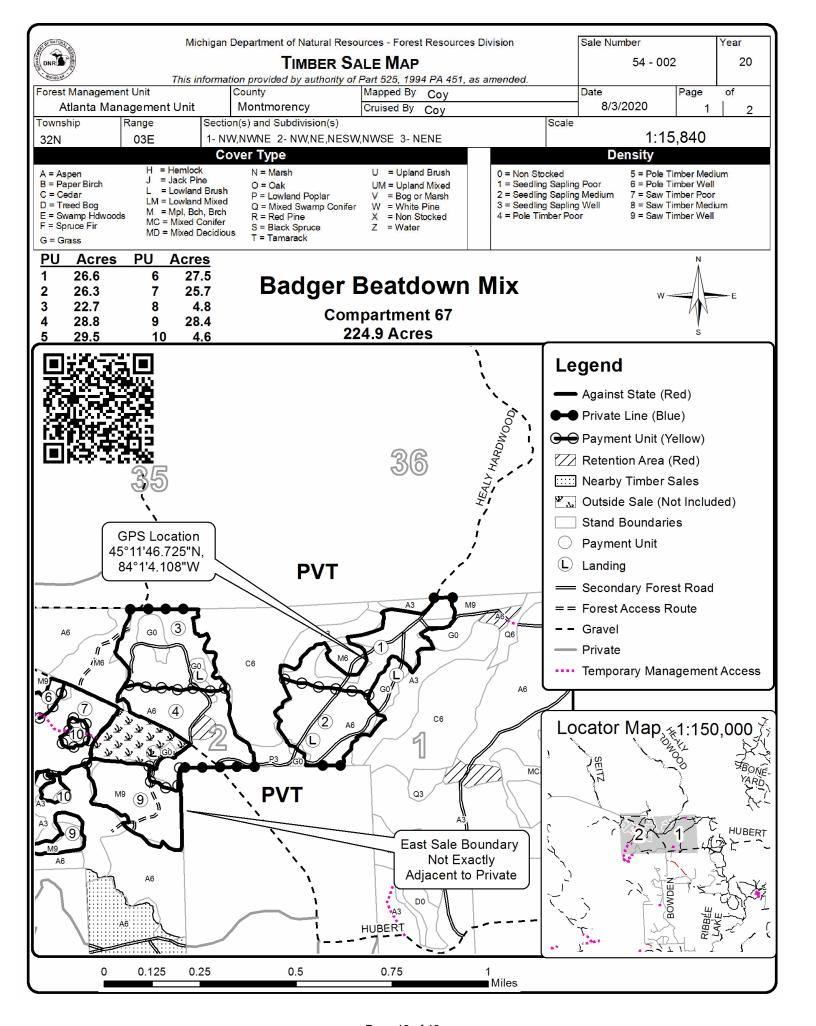
Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the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

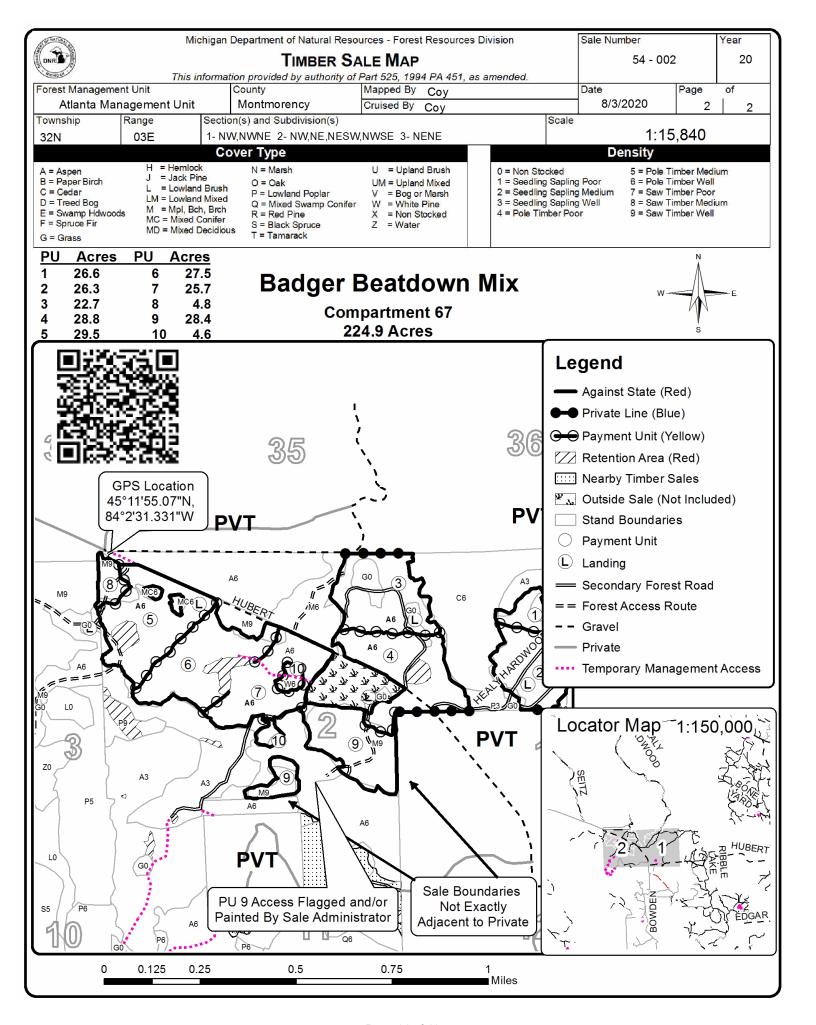
5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

Section Name: Sale Specific Current as of 8/10/2021 11:27:30AM





TIMBER SALE INFORMATION

Fertilized Red Pine (54-017-20) T32N, R03E, SEC. 34. Montmorency County (Advertised Price \$7,375.45)

SALE NOTE: This is a smaller sale removing all overstory trees. Off of two county roads, a dry site.

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. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATED UN	NITS* AD'	VERTISED PRICE
Sawtimber Red Pine Pulpwood	65.0 MBI	F \$	73.00 / MBF
Northern Pin Oak	22 Core	ds \$	45.10 / Cord
Red Pine	58 Core	ds \$	26.50 / Cord
White Pine	9 Core	ds \$	11.25 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 24.20 percent. There are an estimated 220 cords on this timber sale, plus or minus 53 cords at the 95% confidence level. 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 \$369.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The remainder is due before cutting begins.
 - (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

01 100.0%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
17,374	220	24.20%	167	273

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
36	17,372	220	24.20%	167	273
TOTAL:	17,372	220		167	273

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
36	16.1	1	16.1
TOTAL:	16.1		16.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

	PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
ſ	1	Red Pine	Sawtimber	65.0	MBF	16.1	\$7,375.45
1		Northern Pin Oak	Pulpwood	22	Cords		
1		Northern Pin Oak	Sawtimber	4.9	MBF		
1		Northern Pin Oak	Pulpwood	12	Cords		
1		Red Pine		58	Cords		
1		White Pine		9	Cords		
1		White Pine	Sawtimber	1.7	MBF		
		White Pine	Pulpwood	6	Cords		
			TOTAL:	65.0	MBF		
			TOTAL:	89	Cords		

Sale Specific Conditions & Requirements

Sale Name: Fertilized Red Pine Sale Number: 54-017-20 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundaries are marked and identified by red paint. Voyer Lake Road and Windy Ridge Lane serve as unpainted sale boundaries for the north and west portion of the Sale Area. These locations are shown on the Timber Sale Map. 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

2.1.5 - Overstory removal unit(s) (8/11)

Within Payment Unit(s) 1, all trees with a DBH equal to or greater than four (4) inches which meet minimum piece specifications in 2.2 Utilization, are designated for cutting. Special protection trees marked with green paint and identified in accordance with condition 3.4.2, are not Included Timber and are to be protected.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is to facilitate potential planting operations, if needed.

2.2.5 - Limbed tree skidding (1/09)

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

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

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. If more than 50% of the tree seedlings or saplings (1/4" to 4.0' DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$150.00 per acre for all acreage within that specified portion of the Sale Area that was damage.

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 marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$250.00 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

4.1.3 - 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, only skid trails will be allowed.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

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

5.1.4 - 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

5.2.2 - 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

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1, unless changed by written agreement, 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. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.3.6 - Bark beetle restriction (12/08)

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

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in Payment Unit 1 must be completed before significant tree sprouting occurs in that Payment Unit to minimize damage to the new regeneration. Any post harvest operations must be completed before sprouting of regeneration occurs. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

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.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

Section Name: Sale Specific Current as of 8/23/2021 9:18:34AM

OF HATURAL	M	ichigan	Department of Natural Resor	urces - Forest	t Resources Divi	sion	Sa	ale Number		Year
DNR			TIMBER SA	LE M AP				54-017		2020
MICHIGAN	This	informa	tion provided by authority of I	Part 525, 199	4 PA 451, as an	nended.			,	
Forest Manageme	nt Unit		County	Mapped By	Doug Tyran		Di	ate	Page	of
Atlanta			Montmorency	Cruised By	Doug Tyran			07/15/2020	1	1
Township	Range	Section	on(s) and Subdivision(s)	•		5	Scale			***
32N	03E	Sec	. 34- SENE, N1/2SE					1:15	,840	
		C	over Type					Density		
A = Aspen B = Paper Birch C = Cedar D = Treed Bog E = Swamp Hdwood F = Spruce Fir	H = Hemlo J = Jack F L = Lowlar LM = Lowlar M = Mpl, B MC = Mixed	ine nd Brush nd Mixed ch, Brch	P = Lowland Poplar O = Mixed Swamp Conifer	U = Upland UM = Upland V = Bog or W = White X = Non Si Z = Water	d Mixed r Marsh Pine tocked	0 = Non Stock 1 = Seedling 3 2 = Seedling 3 3 = Seedling 3 4 = Pole Timb	Sapling Po Sapling Mo Sapling W	edium 7 = Saw Ti	mber Well mber Poor mber Medi	

Z = Water

<u>Acres</u>

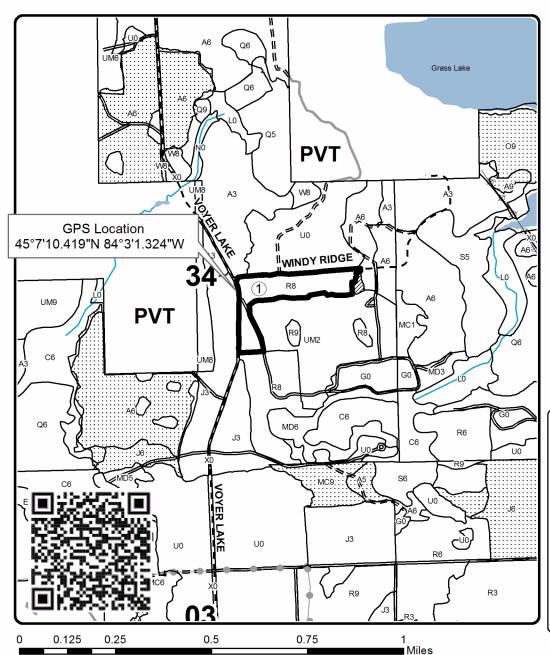
G = Grass

16.1

Fertilized Red Pine

Compartment 74 16.1 Acres





S = Black Spruce

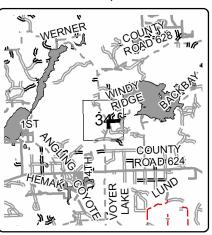
T = Tamarack

MD = Mixed Decidious

Legend

- Sale Boundary (Red)
- Stand Boundaries
- Retention Area
- **Nearby Timber Sales**
- Lakes and Rivers
- Secondary Forest Road
- == Forest Access Route
- **Gravel Road**
- Private Road
- → Powerline
 - Perennial River

Locator Map 1:150,000



TIMBER SALE INFORMATION

CR 628 and Voyer Aspen (54-020-20)

T31N, R03E, SEC. 3; T32N, R03E, SEC. 22; T32N, R03E, SEC. 27; T32N, R03E, SEC. 34.

Montmorency County (Advertised Price \$195,381.10)

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. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	ADV	ERTISED PRICE
Sawtimber				
Mixed Aspen	56.1	MBF	\$	159.00 / MBF
Red Maple	14.6	MBF	\$	93.00 / MBF
Red Oak	113.9	MBF	\$	239.00 / MBF
Red Pine	8.9	MBF	\$	99.00 / MBF
Sugar Maple	3.5	MBF	\$	408.00 / MBF
White Pine	56.1	MBF	\$	52.00 / MBF
Pulpwood				
Balsam Fir	448	Cords	\$	23.40 / Cord
Jack Pine	80	Cords	\$	17.45 / Cord
Mixed Aspen	1,960	Cords	\$	39.75 / Cord
Mixed Hardwood	860	Cords	\$	35.05 / Cord
Mixed Oak	454	Cords	\$	61.50 / Cord
Mixed Spruce	46	Cords	\$	9.25 / Cord
N. White Cedar	46	Cords	\$	7.40 / Cord
Red Pine	14	Cords	\$	36.10 / Cord
White Pine	230	Cords	\$	15.35 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 7.82 percent. There are an estimated 4,681 cords on this timber sale, plus or minus 366 cords at the 95% confidence level. 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 \$9,769.00 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	16.5%
02	14.9%
03	10.3%
04	10.9%
05	9.2%
06	8.3%
07	9.1%
08	11.8%
09	7.3%
10	1.7%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2023.

SALE STATISTICS

SALE VOLUMES

VOL	UME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM	
369,795	4,681	7.82%	4,315	5,047	

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
8	21,528	273	35.02%	177	368
11	54,952	696	19.82%	558	833
22	84,483	1,069	12.05%	941	1,198
27	99,943	1,265	15.81%	1,065	1,465
42	80,912	1,024	19.04%	829	1,219
51	15,887	201	36.36%	128	274
75	12,040	152	41.10%	90	215
TOTAL:	369,744	4,680		3,787	5,573

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

TOTAL:	181.3		181.3
75	9.2	10	9.2
51	10.9	1	10.9
		9	14.3
42	37.5	8	23.2
		7	15.6
		6	14.4
27	45.9	5	15.9
		4	20.8
22	40.6	3	19.8
11	24.5	2	24.5
8	12.7	1	12.7
VDU	VDU ACRES	PU	PU ACRES

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	2.2	MBF	23.6	\$32,268.00
	B. T. Aspen		2.2	MBF		
	Red Oak		58.3	MBF		
	White Pine		1.8	MBF		
	Mixed Aspen	Pulpwood	82	Cords		
	B. T. Aspen	·	82	Cords		
	Mixed Hardwood		31	Cords		
	Red Maple		31	Cords		
	Mixed Oak		215	Cords		
	White Oak	Sawtimber	1.5	MBF		
	Red Oak	Pulpwood	192	Cords		
	White Oak	T aipwood	20	Cords		
	White Pine		21	Cords		
2	Mixed Aspen	Sawtimber	7.5	MBF	24.5	\$29,031.60
2		Sawtillibei	6.8	MBF	24.5	φ29,031.00
	B. T. Aspen					
	Quaking Aspen		0.7	MBF		
	Red Maple		1.8	MBF		
	Red Oak		11.6	MBF		
	White Pine		15.5	MBF		
	Balsam Fir	Pulpwood	25	Cords		
	Mixed Aspen		368	Cords		
	B. T. Aspen		181	Cords		
	Quaking Aspen		187	Cords		
	Mixed Hardwood		106	Cords		
	Paper Birch		17	Cords		
	Red Maple		89	Cords		
	Mixed Oak		72	Cords		
	Red Oak		72	Cords		
	Mixed Spruce		5	Cords		
	White Spruce		5	Cords		
	White Pine		45	Cords		
3	Mixed Aspen	Sawtimber	9.9	MBF	19.8	\$20,188.80
	B. T. Aspen		5.4	MBF		+
	Quaking Aspen		4.5	MBF		
	Red Maple		4.1	MBF		
	Red Oak		4.6	MBF		
	Sugar Maple		1.7	MBF		
	Balsam Fir	Pulpwood	84	Cords		
	Mixed Aspen	i dipwood	202	Cords		
	•		63	Cords		
	B. T. Aspen					
	Quaking Aspen		139	Cords		
	Mixed Hardwood		162	Cords		
	Paper Birch		8	Cords		
	Red Maple		127	Cords		
	Sugar Maple		27	Cords		
	Mixed Oak		11	Cords		
	Red Oak		11	Cords		
	Mixed Spruce		2	Cords		
	White Spruce		2	Cords		
	Red Pine		2	Cords		
4	Mixed Aspen	Sawtimber	10.4	MBF	20.8	\$21,203.60
4	B. T. Aspen		5.7	MBF		
4	D. I. ASPEII					
4			4.7	MBF		
4	Quaking Aspen					
4			<i>4.7</i> 4.4 4.9	MBF MBF MBF		

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Balsam Fir	Pulpwood	89	Cords		
	Mixed Aspen	·	212	Cords		
	B. T. Aspen		66	Cords		
	Quaking Aspen		146	Cords		
	Mixed Hardwood		170	Cords		
	Paper Birch		8	Cords		
	Red Maple		134	Cords		
	Sugar Maple		28	Cords		
	Mixed Oak		11	Cords		
	Red Oak		11	Cords		
	Mixed Spruce		2	Cords		
	White Spruce		2	Cords		
	Red Pine		2	Cords		
5	Mixed Aspen	Sawtimber	3.9	MBF	15.9	\$17,896.50
	B. T. Aspen		0.9	MBF		
	Quaking Aspen		3.0	MBF		
	Red Maple		0.9	MBF		
	Red Oak		9.6	MBF		
	White Pine		2.1	MBF		
	Balsam Fir	Pulpwood	64	Cords		
	Mixed Aspen	'	233	Cords		
	B. T. Aspen		12	Cords		
	Balsam Poplar		12	Cords		
	Quaking Aspen		209	Cords		
	Mixed Hardwood		75	Cords		
	Basswood		1	Cords		
	Paper Birch		6	Cords		
	Red Maple		64	Cords		
	Sugar Maple		3	Cords		
	White Ash		1	Cords		
	Mixed Oak		21	Cords		
	Red Oak		21	Cords		
	Mixed Spruce		2	Cords		
	White Spruce		2	Cords		
	N. White Cedar		4	Cords		
	N. White Cedar	Sawtimber	0.4	MBF		
	N. White Cedar	Pulpwood	3	Cords		
	White Pine	, apricea	4	Cords		
6	Mixed Aspen	Sawtimber	3.5	MBF	14.4	\$16,309.35
O	B. T. Aspen	Cawanibei	0.8	MBF	14.4	ψ10,000.00
	Quaking Aspen		2.7	MBF		
	Red Maple		0.8	MBF		
	Red Oak		8.7	MBF		
	White Pine		1.9	MBF		
	Balsam Fir	Pulpwood	58	Cords		
	Mixed Aspen	i dipwood	212	Cords		
	B. T. Aspen		11	Cords		
	Balsam Poplar		12	Cords		
	Quaking Aspen		189	Cords		
	Mixed Hardwood		70	Cords		
	Basswood		2	Cords		
	Black Cherry		1	Cords		
	Paper Birch		, 5	Cords		
	Red Maple		5 58	Cords		
	Sugar Maple		3	Cords		
	Sugar Maple White Ash		1	Cords		
	vviille ASN		1	l Coras		

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Mixed Oak	Pulpwood	19	Cords		
	Red Oak		19	Cords		
	Mixed Spruce		2	Cords		
	White Spruce		2	Cords		
	N. White Cedar		4	Cords		
	N. White Cedar	Sawtimber	0.3	MBF		
	N. White Cedar	Pulpwood	3	Cords		
	White Pine		3	Cords		
7	Mixed Aspen	Sawtimber	3.9	MBF	15.6	\$17,706.0
	B. T. Aspen		0.9	MBF		
	Quaking Aspen		3.0	MBF		
	Red Maple		0.9	MBF		
	Red Oak		9.4	MBF		
	White Pine		2.1	MBF		
	Balsam Fir	Pulpwood	63	Cords		
	Mixed Aspen	·	230	Cords		
	B. T. Aspen		12	Cords		
	Balsam Poplar		13	Cords		
	Quaking Aspen		205	Cords		
	Mixed Hardwood		75	Cords		
	Basswood		2	Cords		
	Black Cherry		1	Cords		
	Paper Birch		5	Cords		
	Red Maple		63	Cords		
	Sugar Maple		3	Cords		
	White Ash		1	Cords		
	Mixed Oak		21	Cords		
	Red Oak		21	Cords		
	Mixed Spruce		2	Cords		
	White Spruce		2	Cords		
	N. White Cedar		4	Cords		
	N. White Cedar	Sawtimber	0.4	MBF		
	N. White Cedar		3	Cords		
	White Pine	, и,рисси	4	Cords		
8	Mixed Aspen	Sawtimber	9.1	MBF	23.2	\$23,085.8
U	B. T. Aspen	Cawtillibel	7.1	MBF	20.2	Ψ20,000.0
	Quaking Aspen		2.0	MBF		
	Red Maple		1.1	MBF		
	Red Oak		4.2	MBF		
	Red Pine		4.5	MBF		
	White Pine		19.0	MBF		
	Balsam Fir	Pulpwood	37	Cords		
	Mixed Aspen	i dipwood	245	Cords		
	B. T. Aspen		145	Cords		
	Cottonwood		2	Cords		
			98	Cords		
	Quaking Aspen Mixed Hardwood					
			105	Cords		
	Paper Birch		2	Cords		
	Red Maple		103	Cords		
	Mixed Oak		49	Cords		
	Red Oak		49	Cords		
	Mixed Spruce		6	Cords		
	Black Spruce		6	Cords		
	N. White Cedar		22	Cords		
	N. White Cedar		22	Cords		
	Red Pine		6	Cords		

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
8 con't	White Pine	Pulpwood	89	Cords		
9	Mixed Aspen	Sawtimber	5.7	MBF	14.3	\$14,291.70
	B. T. Aspen		4.4	MBF		
	Quaking Aspen		1.3	MBF		
	Red Maple		0.6	MBF		
	Red Oak		2.6	MBF		
	Red Pine		2.8	MBF		
	White Pine		11.7	MBF		
	Balsam Fir	Pulpwood	22	Cords		
	Mixed Aspen		151	Cords		
	B. T. Aspen		90	Cords		
	Cottonwood		1	Cords		
	Quaking Aspen		60	Cords		
	Mixed Hardwood		66	Cords		
	Paper Birch		2	Cords		
	Red Maple		64	Cords		
	Mixed Oak		31	Cords		
	Red Oak		31	Cords		
	Mixed Spruce		4	Cords		
	Black Spruce		4	Cords		
	N. White Cedar		13	Cords		
	N. White Cedar		13	Cords		
	Red Pine		3	Cords		
	White Pine		55	Cords		
10	Red Pine	Sawtimber	1.6	MBF	9.2	\$3,407.0
	White Pine		2.0	MBF		
	Balsam Fir	Pulpwood	6	Cords		
	Jack Pine		80	Cords		
	Mixed Aspen		25	Cords		
	Quaking Aspen		25	Cords		
	Mixed Oak		4	Cords		
	Red Oak		4	Cords		
	Mixed Spruce		21	Cords		
	Black Spruce		21	Cords		
	Red Pine		1	Cords		
	White Pine		9	Cords		
		TOTAL:	253.1	MBF		
		TOTAL:	4,139	Cords		

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Sale Specific Conditions & Requirements

Sale Name: CR 628 and Voyer Aspen Sale Number: 54-020-20 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and green paint. Exterior sale boundary lines against private are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior retention boundaries are marked with red paint; no harvesting activities may occur within these areas. Interior Payment Unit boundaries are marked with green paint, except for Payment Units 5 - 7 which use Voyer Lake Road and a state forest road as shown on the Timber Sale Map. The painted boundary line trees are not Included Timber and are to be protected. Green painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 - 10, cut all trees that are two (2) inches or more at DBH, except do not cut any yellow painted trees in any Payment Unit and leave all white pine in Payment Units 3 and 4.

Note: See spec 5.2.4.7 - 'Dead and down creation' for instructions on orange marked trees.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Unit 10 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. Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping in to minimize the amount of residual slash. If market conditions limit the practicality of chipping, the Purchaser may skid all remaining topwood out of these Payment Units and scatter in locations approved by the sale administrator. Otherwise, tops and slash, trees greater than 4 inches at DBH must be cut to a 2-inch top or smaller. Sub-merchantable trees, and hardwood limbs 4 inches or greater where they attach to the stem, are to be cut/reduced to 4-foot lengths. Slash must not be more than 3 feet high. Operations will be terminated or halted if slash is not being reduced to an acceptable level and damages will be collected determined by the cost to complete the work. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit 10 shall not exceed 6 inches for all trees. This is to facilitate planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) valued greater than \$20,000 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 Amendment. There will be only one division per Payment Unit.

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 marked with yellow paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$150 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

4.1.3 - Slash and earthen piles (8/04)

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

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

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

4.2 - Maintenance

4.2.5 - 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. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (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

5.2.2 - 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) 10, unless changed by written agreement, cutting and skidding is limited to the period of March 15 to December 1 with snow off and unfrozen ground. This restriction is to increase natural pine and other conifer regeneration.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1 - 9 unless changed by written agreement, 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. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in Payment Units 1 - 9 must be completed within 30 days of severing/cutting stem(s) to minimize damage to deciduous 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

5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over and leave on-site all orange painted trees within Payment Units 2 - 9. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over. If it is impractical to push the trees over, they may be cut or partially cut and pushed over. Whenever possible, the tree stem should remain suspended off the ground.

5.2.31 - Landing locations (9/13)

Landing locations are shown on the Timber Sale Map. Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative.

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)

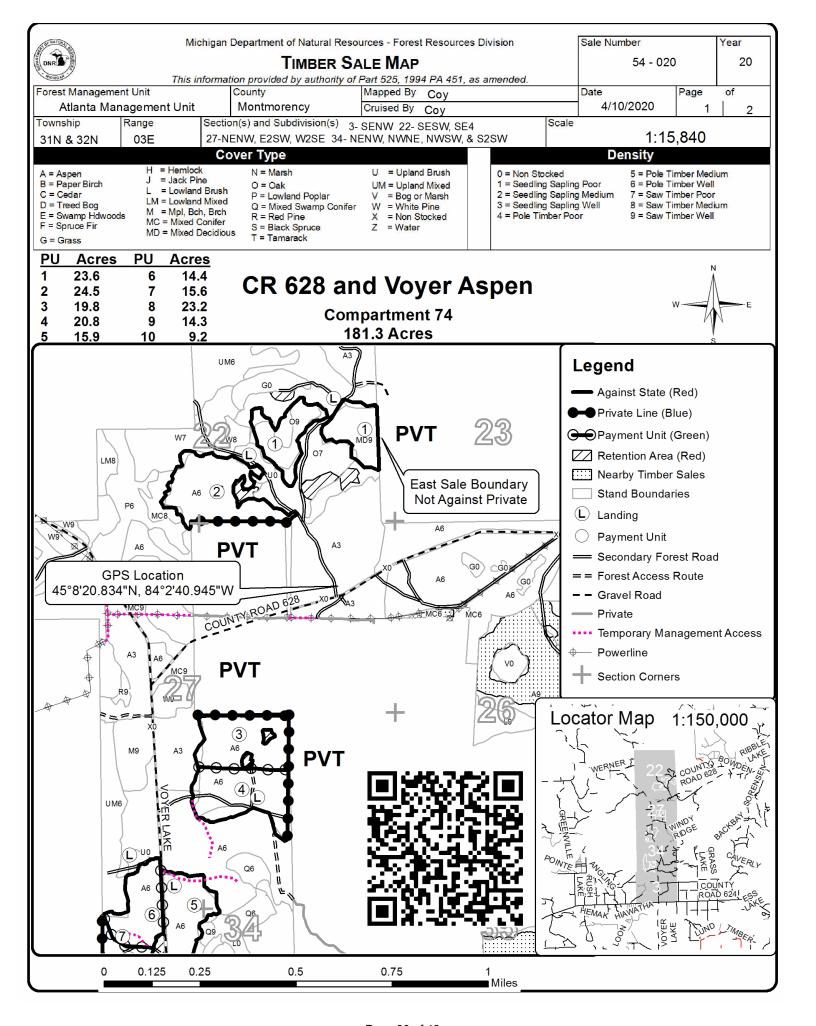
Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With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

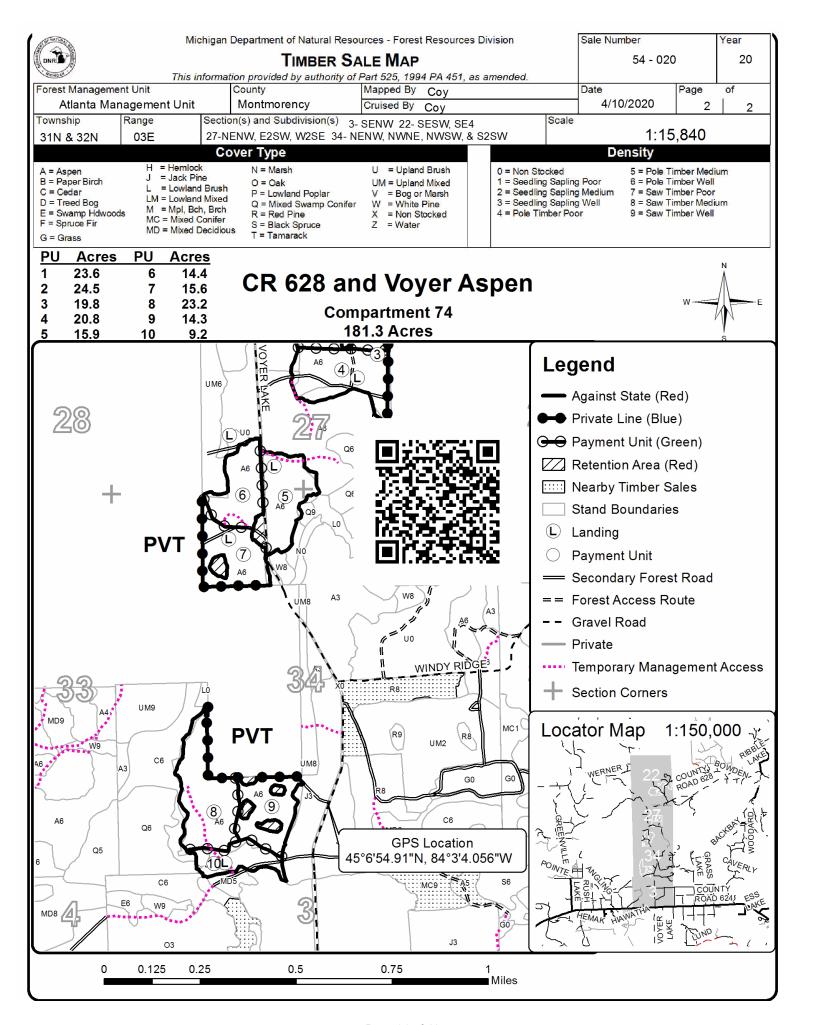
5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

Section Name: Sale Specific Current as of 8/10/2021 11:30:20AM





TIMBER SALE INFORMATION

CR 628 and Boden Aspen (54-021-20)

T32N, R03E, SEC. 24.

Montmorency County (Advertised Price \$111,441.80)

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. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
B. T. Aspen	41.7	MBF	\$	137.00 / MBF
Red Oak	219.6	MBF	\$	207.00 / MBF
Pulpwood				
Balsam Fir	10	Cords	\$	20.25 / Cord
Mixed Aspen	830	Cords	\$	34.45 / Cord
Red Maple	164	Cords	\$	30.40 / Cord
Red Oak	497	Cords	\$	53.30 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 13.67 percent. There are an estimated 2,054 cords on this timber sale, plus or minus 281 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$5,572.00 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

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SAL
01	31.4%
02	29.3%
03	39.3%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
162,300	2,054	13.67%	1,774	2,335

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
59	162,298	2,054	13.67%	1,774	2,335
TOTAL:	162,298	2,054		1,774	2,335

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
59	72.7	1	22.8
		2	21.3
		3	28.6
TOTAL:	72.7		72.7

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	13.1	MBF	22.8	\$34,974.40
	Red Oak		68.9	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Aspen		261	Cords		
	B. T. Aspen		219	Cords		
	Quaking Aspen		42	Cords		
	Red Maple		51	Cords		
	Red Oak		156	Cords		
2	B. T. Aspen	Sawtimber	12.2	MBF	21.3	\$32,654.60
	Red Oak		64.3	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Aspen		243	Cords		
	B. T. Aspen		204	Cords		
	Quaking Aspen		39	Cords		
	Red Maple		48	Cords		
	Red Oak		146	Cords		
3	B. T. Aspen	Sawtimber	16.4	MBF	28.6	\$43,812.80
	Red Oak		86.4	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Aspen		326	Cords		
	B. T. Aspen		274	Cords		
	Quaking Aspen		52	Cords		
	Red Maple		65	Cords		
	Red Oak		195	Cords		
		TOTAL:	261.3	MBF		
		TOTAL:	1,501	Cords		

Sale Specific Conditions & Requirements

Sale Name: CR 628 and Boden Aspen Sale Number: 54-021-20 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior retention boundaries are marked with red paint; no harvesting activities may occur within these areas. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 - 3, cut all trees that are two (2) inches or more at DBH, except do not cut any green painted trees. Also, leave all cedar, white pine, and red pine.

Note: See spec 5.2.4.7 - 'Dead and down creation' for instructions on orange marked trees.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) valued greater than \$25,000 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 Amendment. There will be only one division per 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 chipped, utilized, or otherwise removed from the sale.

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

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

4.2 - Maintenance

4.2.5 - 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. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

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

5.1.6 - Utility R.O.W. (4/19)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations. Contact info: Presque Isle Electric & Gas Cooperative 19831 M-68 Hwy. Onaway, MI 49765 Phone: (800) 423-6634

5.2 - Conduct of Operations

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

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1 - 3 unless changed by written agreement, 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. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in Payment Units must be completed within 30 days of severing/cutting stem(s) to minimize damage to deciduous 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

5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over and leave on-site all orange painted trees within Payment Units 1 - 3. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over. If it is impractical to push the trees over, they may be cut or partially cut and pushed over. Whenever possible, the tree stem should remain suspended off the ground.

5.2.31 - Landing locations (9/13)

Landing locations are shown on the Timber Sale Map. Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative.

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)

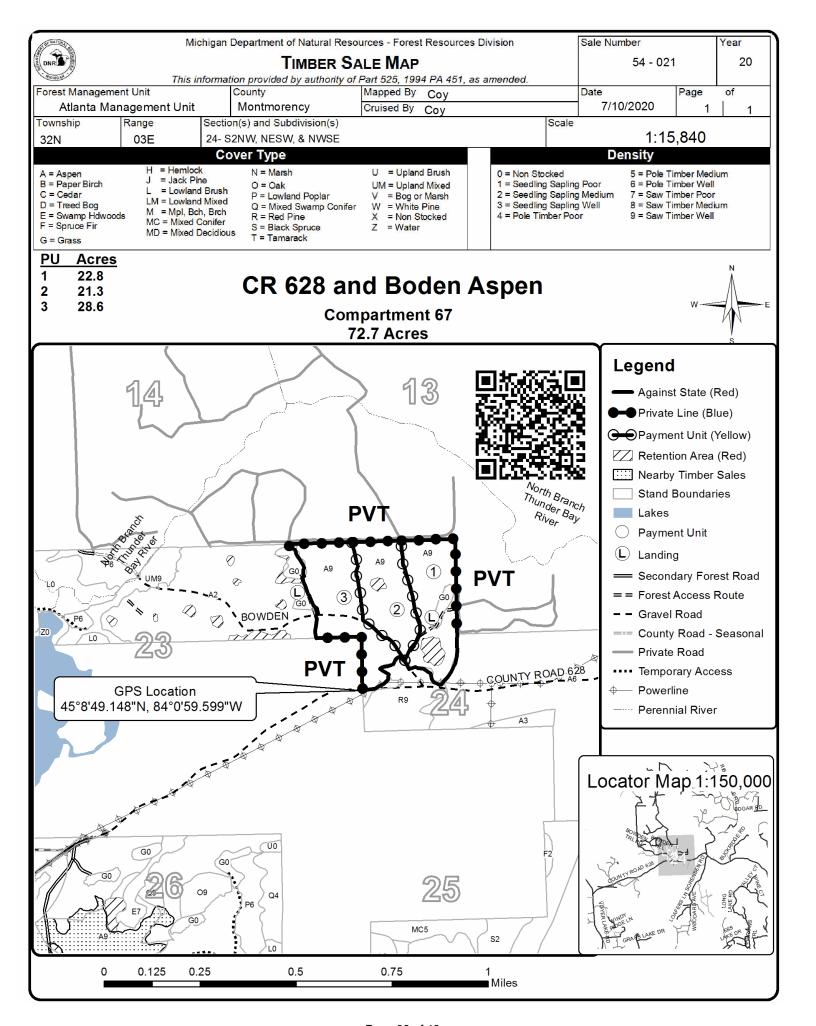
Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With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

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

Section Name: Sale Specific Current as of 8/10/2021 11:35:20AM



TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

ATLANTA MANAGEMENT UNIT
ATLANTA OFFICE

CR 628 and Boden Aspen (54-021-20) T32N, R03E, SEC. 24; Montmorency COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on September 21, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	<u>ESTIMATED \</u>	/OLUME*	<u>AD</u>	<u>VERTISED PRICE</u>	BID PRICE/UNIT
Sawtimber					
B. T. Aspen	41.7	MBF	\$	137.00/MBF	\$
Red Oak	219.6	MBF	\$	207.00/MBF	\$
Pulpwood					
Balsam Fir	10	Cords	\$	20.25/Cord	\$
Mixed Aspen	830	Cords	\$	34.45/Cord	\$
Red Maple	164	Cords	\$	30.40/Cord	\$
Red Oak	497	Cords	\$	53.30/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 13.67 percent at 95% confidence level. 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 AVAILA	ABLE, PLEASE PLACE THE PERS	ONALIZED LABEL F	ROM YOUR PROSP	PECTUS IN THE ABOVE BOX.	
Individua	l or company representative's signa	ature:		Date:	
Phone nu	ımber ·	F	mail (optional).		

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



Michigan Department of Natural Resources Forest Resources Division

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

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.

•	 In addition, it boxes 2B or 2C are checked, then Notice of E twenty-one (21) days of the contract award and prior to the is 	exclusion or Certificate of Insurance must be submitted within suance of the timber sale contract.
•	All Information must be typed or printed except for written significant.	gnatures.
Ple	Please Check Appropriate Categories:	
1.	 My business is organized as (you must check one of the book. Sole Proprietorship (individual) Partnership Corporation 	oxes below):
2.	 You must check <u>one</u> of the boxes below: A. I certify my business is a sole proprietorship and it has no e 	ampleyees but the cele preprieter. Lem not subject to the
	Worker's Compensation Laws. B. I certify my business has satisfied its o bligation to the Work	ker's Compensation Act through the use of an approved Notice of the Notice of Exclusion within 21 days of the contract award. (For
	C. I certify my business has a Worker's Compensation Policy. one (21) days of the contract award.	I will provide an original Certificate of Insurance within twenty-
3.	 If you have checked item 2(A) or 2(B), you must indicate than yourself, including family members and active partners 	the number of both full-time and part-time employees, other s (if none, you must enter "0").
	Full-time Employees	Part-time Employees
Van	Name of Business	Federal ID (or) Social Security No.
Add	Address	Telephone ()
City	City State	ZIP
	hereby certify that the above information is true and correct. In factors affecting my coverage during any of my present and for	
-	Signature of Owner or Authorized Representative	
_=	Title	Date

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

BID FORM

ATLANTA MANAGEMENT UNIT ATLANTA OFFICE

CR 628 and Voyer Aspen (54-020-20)

T31N, R03E, SEC. 3; T32N, R03E, SEC. 22; T32N, R03E, SEC. 27; T32N, R03E,

In response to the notice of sale to be held 10:00 a.m. (local time) on September 21, 2021, 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>F</u>	PRODUCTS & SPECIES	ESTIMATED	VOLUME*	AD	VERTISED PRICE	BID PRICE/UNIT
	Sawtimber					
1	Mixed Aspen	56.1	MBF	\$	159.00/MBF	\$
1	Red Maple	14.6	MBF	\$	93.00/MBF	\$
1	Red Oak	113.9	MBF	\$	239.00/MBF	\$
1	Red Pine	8.9	MBF	\$	99.00/MBF	\$
1	Sugar Maple	3.5	MBF	\$	408.00/MBF	\$
1	White Pine	56.1	MBF	\$	52.00/MBF	\$
F	Pulpwood					
1	Balsam Fir	448	Cords	\$	23.40/Cord	\$
1	Jack Pine	80	Cords	\$	17.45/Cord	\$
1	Mixed Aspen	1,960	Cords	\$	39.75/Cord	\$
1	Mixed Hardwood	860	Cords	\$	35.05/Cord	\$
1	Mixed Oak	454	Cords	\$	61.50/Cord	\$
1	Mixed Spruce	46	Cords	\$	9.25/Cord	\$
1	N. White Cedar	46	Cords	\$	7.40/Cord	\$
1	Red Pine	14	Cords	\$	36.10/Cord	\$
	White Pine	230	Cords	\$	15.35/Cord	\$
- 1						

^{*}The volumes are statistically estimated within plus (+) or minus (-) 7.82 percent at 95% confidence level. 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 SOCIA	L SECURITY NUMBER:						
	Company or individual bidding:								
	Company representative's name:			<u></u>					
	Address:								
	City:	State:	Zip:		ш				
	o.t.y		· · · · · · · · · · · · · · · · · · ·	AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.					
l F AVAIL <i>F</i>				CTUS IN THE ABOVE BOX.					
		SONALIZED LABEL	FROM YOUR PROSPE	CTUS IN THE ABOVE BOX. Date:					

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:
r orest management omt.

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract. All Information must be typed or printed except for written signatures. Please Check Appropriate Categories:

	A. ☐ Sole Proprietorship (individual)	
	B. Partnership	
	C. Corporation	
2.	2. You must check <u>one</u> of the boxes below:	
	A. I certify my business is a sole proprietorship and it has no en Worker's Compensation Laws.	nployees but the sole proprietor. I am not subject to the
	B. I certify my business has satisfied its o bligation to the Worke Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the questions or a copy of the BWC-337, please call the Worker	Notice of Exclusion within 21 days of the contract award. (For
	C. I certify my business has a Worker's Compensation Policy. I one (21) days of the contract award.	will provide an original Certificate of Insurance within twenty-
3.	3. If you have checked item 2(A) or 2(B), you must indicate t than yourself, including family members and active partners	
	Full-time Employees	Part-time Employees
Nan	Name of Business	ederal ID (or) Social Security No.
		3.00.00.00
Add	Address T	elephone)
City	City State Z	IP
	I hereby certify that the above information is true and correct. I a in factors affecting my coverage during any of my present and fu	
5	Signature of Owner or Authorized Representative	
7	Title	Date

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

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

ATLANTA MANAGEMENT UNIT ATLANTA OFFICE

Fertilized Red Pine (54-017-20) T32N, R03E, SEC. 34; Montmorency COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on September 21, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	ESTIMATED VOLUME*	STIMATED VOLUME* ADVERTISED		BID PRICE/UNIT
Sawtimber				
Red Pine	65.0 MBF	\$	73.00/MBF	\$
Pulpwood				
Northern Pin Oak	22 Cords	\$	45.10/Cord	\$
Red Pine	58 Cords	\$	26.50/Cord	\$
White Pine	9 Cords	\$	11.25/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 24.20 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

	FEDERAL ID:		or SOC	CIAL SECURITY NUMBER:		
	Company or indiv	idual bidding:				
	Company represe	entative's name:			<u></u>	
	Address:				<u></u>	
	City:		State:	Zip:		
IF AVAILA	ABLE, PLEASE PL	ACE THE PERSON	NALIZED LAB	EL FROM YOUR PROSPECTUS	IN THE ABOVE BOX	<u> </u>
Individual	l or company repre	sentative's signatur	e:		Date:	
Phone nu	Phone number : Email (optional):					

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



Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

 This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.

•	In addition, if boxes 2B or 2C are checked, then Notice of 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.					
Ple	lease Check Appropriate Categories:					
1.	 My business is organized as (you must check <u>one</u> of the l A. □ Sole Proprietorship (individual) B. □ Partnership C. □ Corporation 	boxes below):				
2.	You must check <u>one</u> of the boxes below: A. I certify my business is a sole proprietorship and it has no	employees but the sole proprietor. I am not subject to the				
		ker's Compensation Act through the use of an approved Notice of the Notice of Exclusion within 21 days of the contract award. (For ker's Compensation Bureau at 517-322-1195).				
	C. ☐ I certify my business has a Worker's Compensation Policy one (21) days of the contract award.	. I will provide an original Certificate of Insurance within twenty-				
3.	e the number of both full-time and part-time employees, other rs (if none, you must enter "0").					
	Full-time Employees	Part-time Employees				
lam	ame of Business	Federal ID (or) Social Security No.				
Addr	dress	Telephone ()				
City	State	ZIP				
	nereby certify that the above information is true and correct. factors affecting my coverage during any of my present and	I agree to notify the Michigan DNR of any changes that occur future operations.				
S	Signature of Owner or Authorized Representative					
Т	Title	Date				

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

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

BID FORM

ATLANTA MANAGEMENT UNIT
ATLANTA OFFICE

Badger Beatdown Mix (54-002-20)

T32N, R03E, SEC. 1; T32N, R03E, SEC. 2; T32N, R03E, SEC. 3; Montmorency

In response to the notice of sale to be held 10:00 a.m. (local time) on September 21, 2021, 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
Basswood	2.7	MBF	\$	53.00/MBF	\$
Mixed Aspen	125.0	MBF	\$	137.00/MBF	\$
Red Maple	10.5	MBF	\$	81.00/MBF	\$
Red Pine	3.9	MBF	\$	86.00/MBF	\$
Sugar Maple	5.1	MBF	\$	354.00/MBF	\$
White Spruce	3.6	MBF	\$	38.00/MBF	\$
Pulpwood					
Balsam Fir	336	Cords	\$	20.25/Cord	\$
Mixed Aspen	2,630	Cords	\$	34.45/Cord	\$
Mixed Hardwood	1,195	Cords	\$	30.40/Cord	\$
Red Oak	11	Cords	\$	53.30/Cord	\$
Red Pine	3	Cords	\$	31.30/Cord	\$
White Pine	21	Cords	\$	13.30/Cord	\$
White Spruce	36	Cords	\$	8.00/Cord	\$
ı					

^{*}The volumes are statistically estimated within plus (+) or minus (-) 11.90 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

	FEDERAL ID:	_ -	or SOC	IAL SECURITY NU	MBER:			
	Company or individ	dual bidding:						
	Company represer	ntative's name:						
	Address:					-		
	City:		State:	Zip:		_		
F AVAILA	ABLE, PLEASE PLA	CE THE PERSON	ALIZED LABE	EL FROM YOUR PF	ROSPECTUS IN	THE ABOVE BO	OX.	<u> </u>
ndividual	or company represe	entative's signatur	e:			_ Date:		
Phone number : Email (optional):								

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



Michigan Department of Natural Resources Forest Resources Division

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

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.

•	In addition, if boxes 2B or 2C are checked, then Notice of 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.					
Ple	lease Check Appropriate Categories:					
1.	 My business is organized as (you must check one of the A. ☐ Sole Proprietorship (individual) B. ☐ Partnership C. ☐ Corporation 	ne boxes below):				
2.	. You must check <u>one</u> of the boxes below:					
	A. I certify my business is a sole proprietorship and it has a Worker's Compensation Laws.	no employees but the sole proprietor. I am not subject to the				
	B. I certify my business has satisfied its o bligation to the V	Worker's Compensation Act through the use of an approved Notice of of the Notice of Exclusion within 21 days of the contract award. (For /orker's Compensation Bureau at 517-322-1195).				
	C. I certify my business has a Worker's Compensation Polone (21) days of the contract award.	licy. I will provide an original Certificate of Insurance within twenty-				
3. If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, of than yourself, including family members and active partners (if none, you must enter "0").						
	Full-time Employees	Part-time Employees				
Nam	ame of Business	Federal ID (or) Social Security No.				
Add	Idress	Telephone ()				
City	ty State	ZIP				
in fa _	factors affecting my coverage during any of my present ar	tt. I agree to notify the Michigan DNR of any changes that occur nd future operations.				
S	Signature of Owner or Authorized Representative					
T	Title	Date				

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

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