

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

TIMBER SALE PROSPECTUS #6920

<u>SCHEDULED SALE DATE AND TIME:</u> 8:30 a.m. (local time) on September 22, 2021. <u>LOCATION:</u> CRYSTAL FALLS MGMT UNIT, 1420 US 2 WEST, CRYSTAL FALLS, MI 49920.

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

<u>Compartment 183 Aspen</u> (12-052-21) / T45N, R31W, SEC. 10, N1/2SW,SESW,N1/2SE,SESE. T45N, R31W, SEC. 10, NENW,S1/2NW,NWNE,S1/2NE. T45N, R31W, SEC. 11, W1/2SW. T45N, R31W, SEC. 4 , SENW,SWNE,N1/2SW,SESW,NWSE. Iron County, Advertised Price \$35,246.70, 156.8 Acres, Aspen, Spruce/Fir/Tamarack.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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

<u>Newberg Hardwood</u> (12-054-21) / T44N, R30W, SEC. 8 , SENW,NE,E1/2SW,W1/2SE. Dickinson County, Advertised Price \$15,506.15, 97.8 Acres, Hardwood, Paper Birch.

SALE NOTE: Geo Referenced pdf map is available upon request. All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

Chickenfoot Jctn Mix (12-055-21) / T44N, R31W, SEC. 1 , NWSW. T44N, R31W, SEC. 12, SESW,SWSE. T44N, R31W, SEC. 13, NENW. T44N, R31W, SEC. 2 , SENE,NESE. Iron County, Advertised Price \$14,300.95, 66.8 Acres, Aspen, Spruce/Fir/Tamarack.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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

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

Bids must be received by the Unit Manager, CRYSTAL FALLS OFFICE, 1420 US 2 West, Crystal Falls, MI 49920, no later than 8:30 a.m. (local time) on September 22, 2021. For further information concerning this sale, contact Dan McNamee at 906-875-6622.

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

Compartment 183 Aspen (12-052-21) T45N, R31W, SEC. 10; T45N, R31W, SEC. 11; T45N, R31W, SEC. 4. Iron County (Advertised Price \$35,246.70)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATED UNITS*		ADVE	ADVERTISED PRICE	
Pulpwood					
Balsam Fir	338	Cords	\$	5.00 / Cord	
Mixed Aspen	2,513	Cords	\$	12.35 / Cord	
Mixed Hardwood	141	Cords	\$	7.45 / Cord	
Mixed Spruce	252	Cords	\$	5.10 / Cord	
Paper Birch	42	Cords	\$	4.00 / Cord	
Tamarack	7	Cords	\$	2.50 / Cord	

* The total volume is statistically estimated within plus (+) or minus (-) 5.03 percent. There are an estimated 3,074 cords on this timber sale, plus or minus 155 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 \$2,000.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.

(c) Payment for each of the following units must be made before cutting begins in that unit: PERCENT OF TOTAL SALE VALUE PAYMENT UNIT NUMBER

	I O IAL SALL
01	19.4%
02	10.1%
03	12.3%
04	15.1%
05	11.4%
06	19.4%
07	12.3%

4. If no cutting takes place, the 10% down payment will not be refunded.

5. Operations on the contract issued will terminate on 06/30/2025.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOL	UME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM	
242,809	3,074	5.03%	2,919	3,228	

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
1	65,010	823	11.03%	732	914
6	56,820	719	9.37%	652	787
29	24,058	305	13.48%	263	346
30	37,319	472	14.87%	402	543
43	77,091	976	9.26%	885	1,066
TOTAL:	260,298	3,295		2,935	3,655

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
1	44.2	3	19.8
		4	24.4
6	32.8	1	32.8
29	14.5	2	14.5
30	19.3	7	19.3
43	46.0	5	17.0
		6	29.0
TOTAL:	156.8		156.8

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	147	Cords	32.8	\$6,860.00
	Mixed Aspen		435	Cords		
	Balsam Poplar		6	Cords		
	Quaking Aspen		429	Cords		
	Mixed Hardwood		23	Cords		
	Black Cherry		23	Cords		
	Mixed Spruce		114	Cords		
	White Spruce		114	Cords		
2	Balsam Fir	Pulpwood	22	Cords	14.5	\$3,573.10
	Mixed Aspen		278	Cords		
	Quaking Aspen		278	Cords		
	Mixed Hardwood		4	Cords		
	Black Cherry		4	Cords		
3	Balsam Fir	Pulpwood	6	Cords	19.8	\$4,323.40
ľ	Mixed Aspen		337	Cords	10.0	¢ 1,020.10
	B. T. Aspen		4	Cords		
	Quaking Aspen		333	Cords		
	Mixed Hardwood		5	Cords		
	Black Cherry		1	Cords		
	Red Maple		4	Cords		
	Mixed Spruce		17	Cords		
	Black Spruce		9	Cords		
	White Spruce		8	Cords		
	Tamarack		3	Cords		
		Deducerand			04.4	¢5 000 05
4	Balsam Fir	Pulpwood	7	Cords	24.4	\$5,322.25
	Mixed Aspen		414	Cords		
	B. T. Aspen		4	Cords		
	Quaking Aspen		410	Cords		
	Mixed Hardwood		7	Cords		
	Black Cherry		2	Cords		
	Red Maple		5	Cords		
	Mixed Spruce		22	Cords		
	Black Spruce		12	Cords		
	White Spruce		10	Cords		
	Tamarack		4	Cords		
5	Balsam Fir	Pulpwood	22	Cords	17.0	\$4,012.95
	Mixed Aspen		300	Cords		
	Balsam Poplar		2	Cords		
	Quaking Aspen		298	Cords		
	Mixed Hardwood		1	Cords		
	Black Cherry		1	Cords		
	Mixed Spruce		35	Cords		
	Black Spruce		20	Cords		
	White Spruce		15	Cords		
	Paper Birch		3	Cords		
6	Balsam Fir	Pulpwood	37	Cords	29.0	\$6,834.00
	Mixed Aspen		511	Cords		
	Balsam Poplar		4	Cords		
	Quaking Aspen		507	Cords		
	Mixed Hardwood		3	Cords		
	Black Cherry		3	Cords		
	Mixed Spruce		58	Cords		
	Black Spruce		33	Cords		
	White Spruce		25	Cords		
1	Paper Birch		5	Cords		

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7	Balsam Fir	Pulpwood	97	Cords	19.3	\$4,321.00
	Mixed Aspen		238	Cords		
	Quaking Aspen		238	Cords		
	Mixed Hardwood		98	Cords		
	Red Maple		85	Cords		
	Sugar Maple		13	Cords		
	Mixed Spruce		6	Cords		
	Black Spruce		6	Cords		
	Paper Birch		34	Cords		
		TOTAL:	3,293	Cords		

Sale Specific Conditions & Requirements

Sale Name: Compartment 183 Aspen

Sale Number: 12-052-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundaries are marked and identified by blue and red paint. The sale boundary lines against private property are marked with blue paint. Sale boundary lines against state land are marked with double red paint dots. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1 and 5 - 7, cut all aspen, white birch, red maple, cherry, spruce, and balsam fir trees which meet minimum piece specifications in 2.2 Utilization (one 100" piece to a top diameter inside bark of 4 inches). Do not cut trees marked with green paint.

Within Payment Unit 2, cut all aspen, red maple, spruce, and balsam fir trees which meet minimum piece specifications in 2.2 Utilization (one 100" piece to a top diameter inside bark of 4 inches).

Within Payment Units 3 and 4, cut all aspen, maple, and cherry trees which meet minimum piece specifications in 2.2 Utilization (one 100" piece to a top diameter inside bark of 4 inches). In addition, cut all spruce and balsam fir trees with a 7-inch stump diameter and greater.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH.

2.2.11 - Chipping restriction (9/14)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped. Chip piles must be removed within 60 days of the sale expiration. In addition, after chip pile removal, residual chip depth at the landing may not exceed 4 inches.

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. Extreme care should be taken to avoid damage to residual tree seedlings and saplings. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 20 % of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

4.1.6 - Road construction (1/09)

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. Stumps shall be set upright, not left on edge, and be moved at least 5 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)

Overgrown roads that are reopened must be blocked to vehicle traffic within 60 days of the sale expiration. In general, this will require scattering stumps and brush in the road course. These roads must be made impassable to ORVs. Contact the sale administrator for specific design and placement.

4.1.12 - No new roads (1/12)

No new roads will be permitted. All operations are limited to existing roads. Existing overgrown roads may be opened and utilized with approval from the sale administrator.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land has been verbally obtained by the DNR. It is the responsibility of the Purchaser to contact Lyme Timberlands prior to beginning harvesting operations in Payment Unit 1. A road use agreement may be required from Lyme. It is also the responsibility of the Purchaser to obtain/incur costs of any necessary agreements.

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.

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, the Sale Area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

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

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5.2.3.1 - Operating restrictions (9/11)
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Within Payment Unit(s) 1 - 7, cutting, skidding, and hauling are not permitted from March 1 to May 15. This restriction is to avoid resource damage during spring break up. If prolonged wet weather conditions occur throughout the operating season, the sale administrator my suspend operations until favorable weather and ground conditions are present.

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

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

5.2.41 - Snowmobile trail protection (9/11)

The Camp 1 Road is a snowmobile trail as shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. Any necessary road maintenance/restoration must be done prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail without permission from the sale administrator. All stumps within 20 feet of the snowmobile trail must be cut at ground level. Logging activity warning signs must be placed 200 feet either side of the Sale Area. Contact the sale administrator for specific placement.

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.

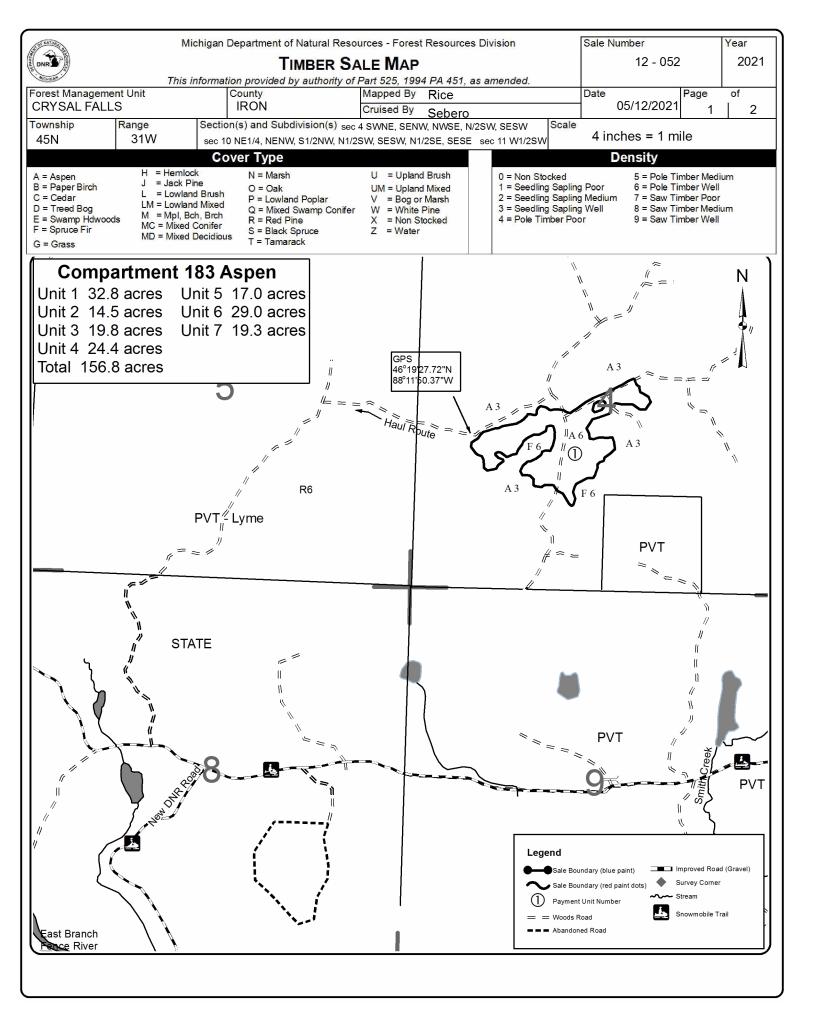
5.4.6 - Wet area protection (5/10)

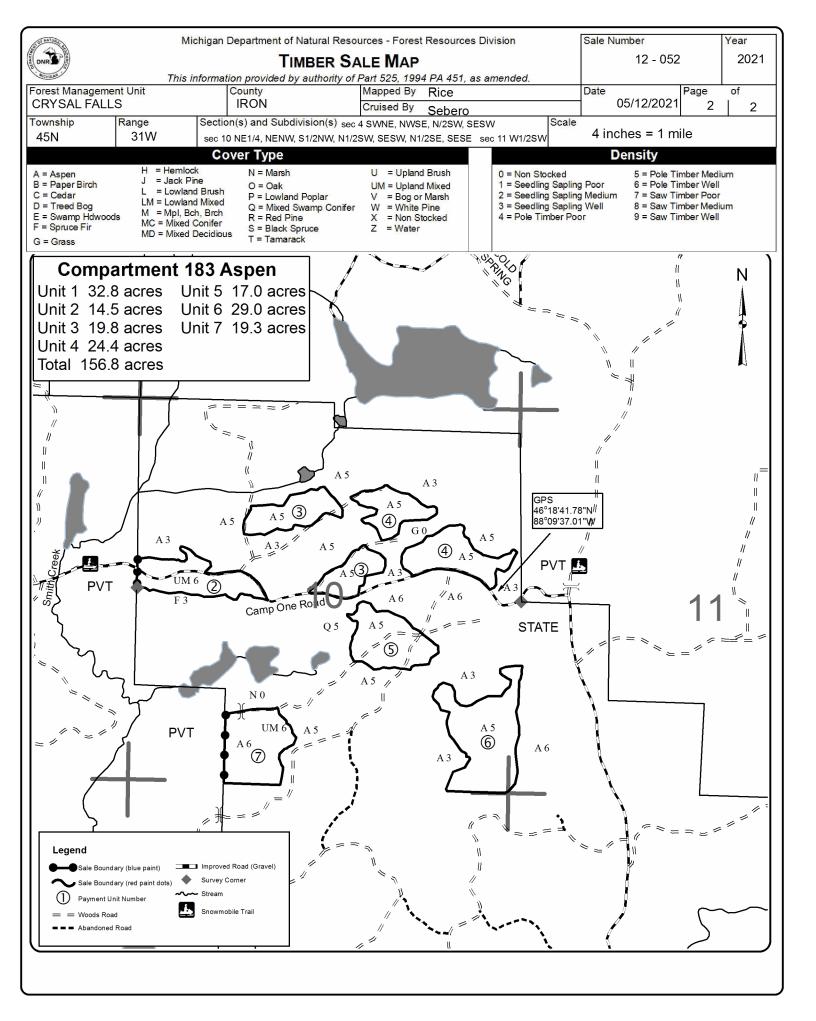
No harvesting operations, including skidding and felling, are to take place within vernal pond areas or drainages. All vernal ponds may not be shown on the Timber Sale Map. It is the Purchaser's responsibility to buffer any unmapped vernal areas 100 feet. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees and tops should be kept out of this area. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

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.





TIMBER SALE INFORMATION

<u>Newberg Hardwood (12-054-21)</u> T44N, R30W, SEC. 8. Dickinson County (Advertised Price \$15,506.15)

SALE NOTE: Geo Referenced pdf map is available upon request.

All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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 Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	ED UNITS*	ADVE	RTISED PRICE
Sawtimber				
Basswood	5.1	MBF	\$	29.00 / MBF
Paper Birch	50.4	MBF	\$	20.00 / MBF
Red Maple	24.6	MBF	\$	49.00 / MBF
Sugar Maple	76.3	MBF	\$	86.00 / MBF
Yellow Birch	1.0	MBF	\$	19.00 / MBF
Pulpwood				
Balsam Fir	65	Cords	\$	5.00 / Cord
Mixed Aspen	122	Cords	\$	12.35 / Cord
Mixed Hardwood	535	Cords	\$	7.45 / Cord
Mixed Spruce	6	Cords	\$	5.10 / Cord
Paper Birch	179	Cords	\$	4.00 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 6.58 percent. There are an estimated 1,303 cords on this timber sale, plus or minus 86 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 \$1,500.00 to insure faithful performance of the conditions of the contract will be deposited
- by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 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

IIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	11.4%
02	41.7%
03	46.9%

4. If no cutting takes place, the 10% down payment will not be refunded.

5. Operations on the contract issued will terminate on 06/30/2025.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOL	UME	STATISTICAL RANGE IN CORDS		ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
102,956	1,303	6.58%	1,217	1,389

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
1	7,228	91	17.41%	76	107
2	11,670	148	23.73%	113	183
3	37,810	479	10.61%	428	529
4	39,668	502	9.68%	454	551
TOTAL:	96,376	1,220		1,070	1,370

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
1	3.6	1	3.6
2	7.3	1	7.3
3	40.3	2	40.3
4	46.6	3	46.6
TOTAL:	97.8		97.8

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Paper Birch	Sawtimber	17.2	MBF	10.9	\$1,760.40
	Balsam Fir	Pulpwood	65	Cords		
	Mixed Aspen		55	Cords		
	Quaking Aspen		55	Cords		
	Mixed Hardwood		19	Cords		
	Red Maple		19	Cords		
	Mixed Spruce		6	Cords		
	Black Spruce		1	Cords		
	White Spruce		5	Cords		
	Paper Birch		60	Cords		
2	Basswood	Sawtimber	5.1	MBF	40.3	\$6,471.00
	Paper Birch		23.1	MBF		
	Red Maple		3.2	MBF		
	Sugar Maple		39.7	MBF		
	Yellow Birch		1.0	MBF		
	Mixed Aspen	Pulpwood	14	Cords		
	B. T. Aspen		14	Cords		
	Mixed Hardwood		236	Cords		
	Basswood		6	Cords		
	Red Maple		3	Cords		
	Sugar Maple		227	Cords		
	Paper Birch		85	Cords		
3	Paper Birch	Sawtimber	10.1	MBF	46.6	\$7,274.75
	Red Maple		21.4	MBF		
	Sugar Maple		36.6	MBF		
	Mixed Aspen	Pulpwood	53	Cords		
	B. T. Aspen		48	Cords		
	Quaking Aspen		5	Cords		
	Mixed Hardwood		280	Cords		
	Red Maple		47	Cords		
	Sugar Maple		228	Cords		
	Yellow Birch		5	Cords		
	Paper Birch		34	Cords		
		TOTAL:	157.4	MBF		
		TOTAL:	907	Cords		

Sale Specific Conditions & Requirements

Sale Name: Newberg Hardwood

Sale Number: 12-054-21 Seq#: 1

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 and red paint. The sale boundary lines against private property are marked with blue paint. Sale boundary lines against state land are marked with double red paint dots. The eastern block of Payment Unit 1 has Newberg Road as the sale boundary, there is no red paint. In addition, a short section of Payment Unit 3 has Newberg Road as the sale boundary. See the Timber Sale Map. Interior Payment Unit boundaries are marked with double red paint slashes. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1, cut all aspen, white birch, red maple, black cherry, spruce, and balsam fir trees which meet minimum piece specifications in 2.2 Utilization (one 100" piece to a top diameter inside bark of 4 inches). Do not cut trees marked with green paint.

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

Within Payment Unit(s) 2 and 3, 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 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH.

2.2.11 - Chipping restriction (9/14)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped. Chip piles must be removed within 60 days of the sale expiration. In addition, after chip pile removal, residual chip depth at the landing may not exceed 4 inches.

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. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 10% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

4.1.6 - Road construction (1/09)

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

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on the ground. Slash shall be scattered, and not left in windrows. Stumps shall be set upright, not left on edge, and be moved at least 5 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)

Overgrown roads that are reopened must be blocked to vehicle traffic within 60 days of the sale expiration. In general, this will require constructing an earthen berm in the road course. These roads must be made impassable to ORVs. Contact the sale administrator for specific design and placement.

4.1.12 - No new roads (1/12)

No new roads will be permitted. All operations are limited to existing roads. Existing overgrown roads may be opened and utilized with approval from the sale administrator.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to utilize Lyme Timberlands Road along the northern boundary of Payment Unit 3, Lyme Timberlands must be contacted and a road use agreement between Lyme and the Purchaser may be required.

5 - Operations

5.2 - Conduct of Operations

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5.2.1 - Slash
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5.2.1.8 - Slash height (12/08)

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

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, the Sale Area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

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) 1, unless changed by written agreement, cutting, skidding, and hauling are not permitted from March 1 to May 15. Within Payment Units 2 and 3, cutting, skidding, and hauling are not permitted from March 1 to July 15. This restriction is to avoid resource damage during spring break up conditions. If prolonged wet weather conditions occur throughout the operating season, the sale administrator my suspend operations until favorable weather and ground conditions are present.

5.2.3.3 - Bark slippage restriction (3/09)

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

5.2.38 - 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.

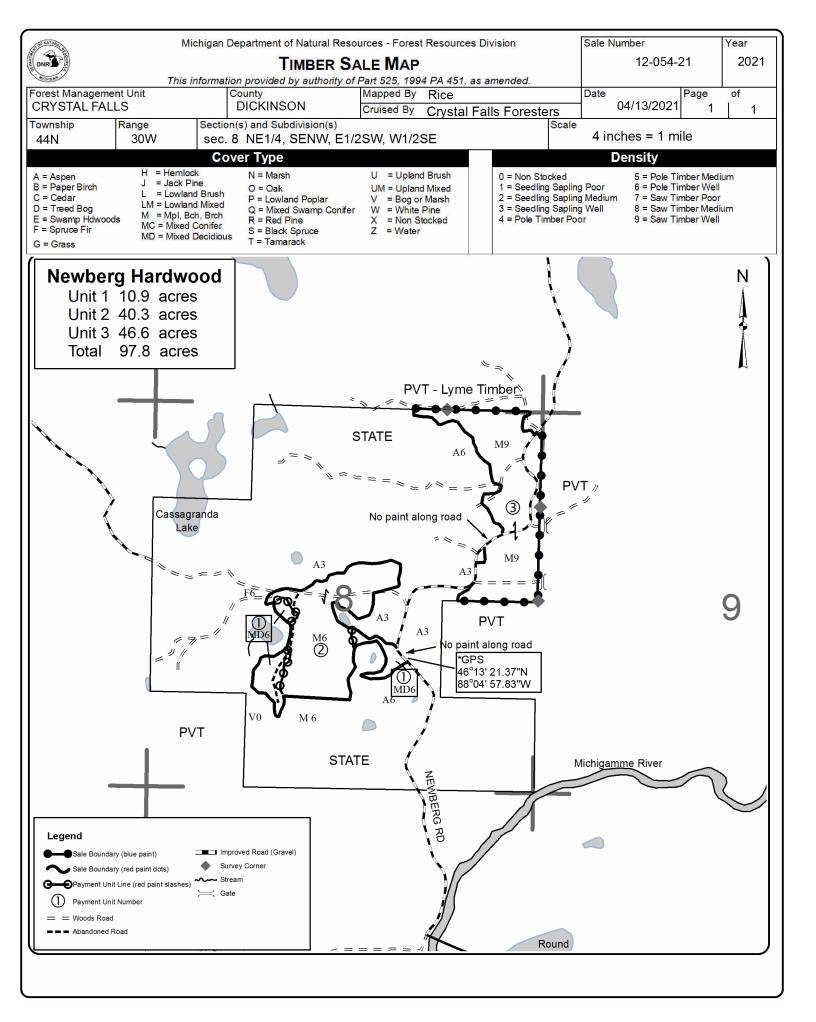
5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within any vernal pond areas or drainages. All vernal pond areas may not have been identified on the Timber Sale Map. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

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.



TIMBER SALE INFORMATION

Chickenfoot Jctn Mix (12-055-21)

T44N, R31W, SEC. 1; T44N, R31W, SEC. 12; T44N, R31W, SEC. 13; T44N, R31W, SEC. 2.

Iron County (Advertised Price \$14,300.95)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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 Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATED UNITS*		ADVE	ADVERTISED PRICE	
Sawtimber					
Paper Birch	0.7	MBF	\$	20.00 / MBF	
Red Maple	20.4	MBF	\$	49.00 / MBF	
Sugar Maple	4.7	MBF	\$	86.00 / MBF	
Yellow Birch	1.2	MBF	\$	19.00 / MBF	
Pulpwood					
Balsam Fir	155	Cords	\$	5.00 / Cord	
Mixed Aspen	840	Cords	\$	12.35 / Cord	
Mixed Hardwood	177	Cords	\$	7.45 / Cord	
Mixed Spruce	77	Cords	\$	5.10 / Cord	

* The total volume is statistically estimated within plus (+) or minus (-) 6.08 percent. There are an estimated 1,270 cords on this timber sale, plus or minus 77 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 \$1,500.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 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:

IT NUMBER	PERCENT OF TOTAL SALE VALUE
01	80.6%
02	13.9%
03	5.5%

4. If no cutting takes place, the 10% down payment will not be refunded.

5. Operations on the contract issued will terminate on 06/30/2025.

SALE STATISTICS

PAYMENT UNIT

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME			STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
100,358	1,270	6.08%	1,193	1,348

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
9	83,880	1,062	7.14%	986	1,138
16	11,781	149	15.30%	126	172
47	7,413	94	12.53%	82	106
TOTAL:	103,074	1,305		1,194	1,415

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:	66.8		66.8
47	4.0	3	4.0
16	16.6	2	16.6
9	46.2	1	46.2
VDU	VDU ACRES	PU	PU ACRES

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	130	Cords	46.2	\$11,528.05
	Mixed Aspen		840	Cords		
	Balsam Poplar		5	Cords		
	Quaking Aspen		835	Cords		
	Mixed Hardwood		17	Cords		
	Red Maple		17	Cords		
	Mixed Spruce		74	Cords		
	Black Spruce		56	Cords		
	White Spruce		18	Cords		
2	Red Maple	Sawtimber	17.0	MBF	16.6	\$1,982.05
	Sugar Maple		4.0	MBF		
	Yellow Birch		1.2	MBF		
	Mixed Hardwood	Pulpwood	105	Cords		
	Red Maple		61	Cords		
	Sugar Maple		42	Cords		
	Yellow Birch		2	Cords		
3	Paper Birch	Sawtimber	0.7	MBF	4.0	\$790.85
	Red Maple		3.4	MBF		
	Sugar Maple		0.7	MBF		
	Balsam Fir	Pulpwood	25	Cords		
	Mixed Hardwood		55	Cords		
	Paper Birch		2	Cords		
	Red Maple		37	Cords		
	Sugar Maple		16	Cords		
	Mixed Spruce		3	Cords		
	White Spruce		3	Cords		
		TOTAL:	27.0	MBF		
		TOTAL:	1,249	Cords		

Sale Specific Conditions & Requirements

Sale Name: Chickenfoot Jctn Mix

Sale Number: 12-055-21 Seq#: 1

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 and red paint.

The sale boundary lines against private property are marked with blue paint. Sale boundary lines against state land are marked with double red paint dots. Interior Payment Unit boundaries are marked with double red paint slashes. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1 and 3, cut all aspen, red maple, spruce, balsam fir and white birch trees which meet minimum piece specifications in 2.2 Utilization (one 100" piece to a top diameter inside bark of 4 inches). Do not cut trees marked with green paint.

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

Within Payment Unit(s) 2, 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 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH.

2.2.11 - Chipping restriction (9/14)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped. Chip piles must be removed within 60 days of the sale expiration. In addition, after chip pile removal, residual chip depth at the landing may not exceed 4 inches.

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. Extreme care should be taken to avoid damage to tree seedlings and saplings. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 10% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

4.1.6 - Road construction (1/09)

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. Stumps shall be set upright, not left on edge, and be moved at least 5 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)

Overgrown roads that are reopened must be blocked to vehicle traffic within 60 days of the sale expiration. In general, this will require scattering stumps and brush in the road course. These roads must be made impassable to ORVs. Contact the sale administrator for specific design and placement.

4.1.12 - No new roads (1/12)

No new roads will be permitted. All operations are limited to existing roads. Existing overgrown roads may be opened and utilized with approval from the sale administrator.

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

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08) No slash or tree tops may exceed 24 inches in height.

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, the Sale Area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

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) 1 and 3, cutting, skidding, and hauling are not permitted from March 1 to May 15. Within Payment Unit 2, cutting, skidding, and hauling are not permitted from March 1 to July 15. This restriction is to avoid resource damage during spring break up. If prolonged wet weather conditions occur throughout the operating season, the sale administrator may suspend operations until favorable weather and ground conditions are present.

5.2.3.3 - Bark slippage restriction (3/09)

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

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.

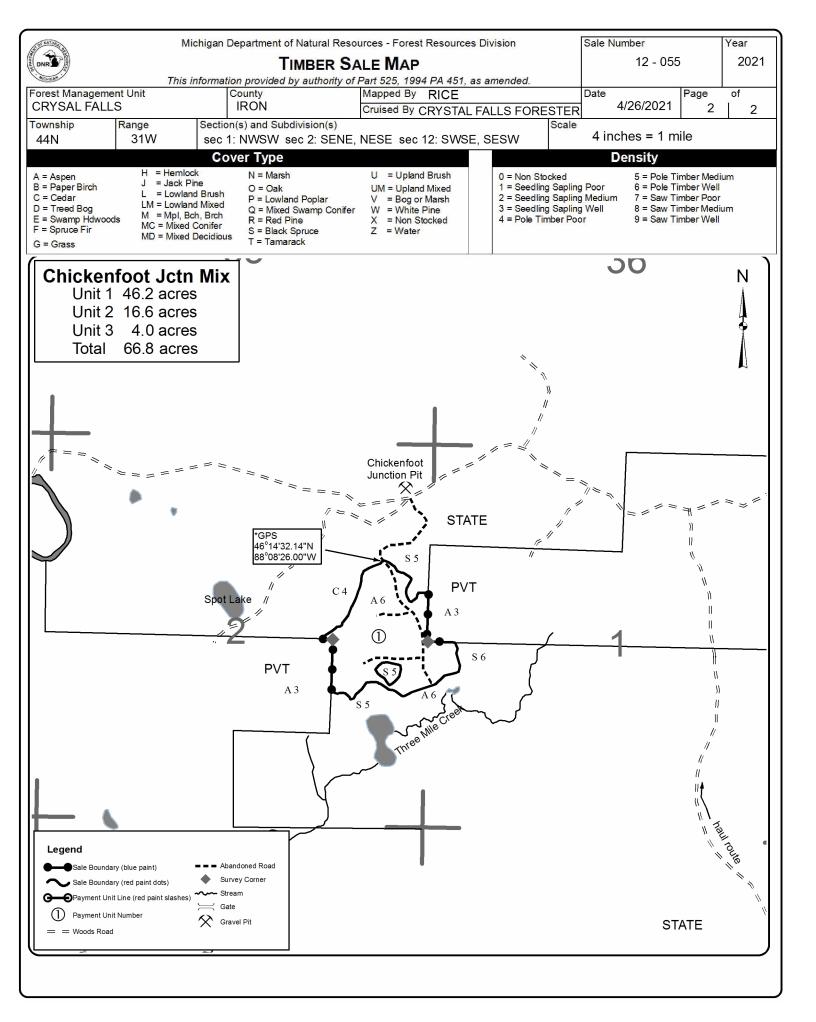
5.4.6 - Wet area protection (5/10)

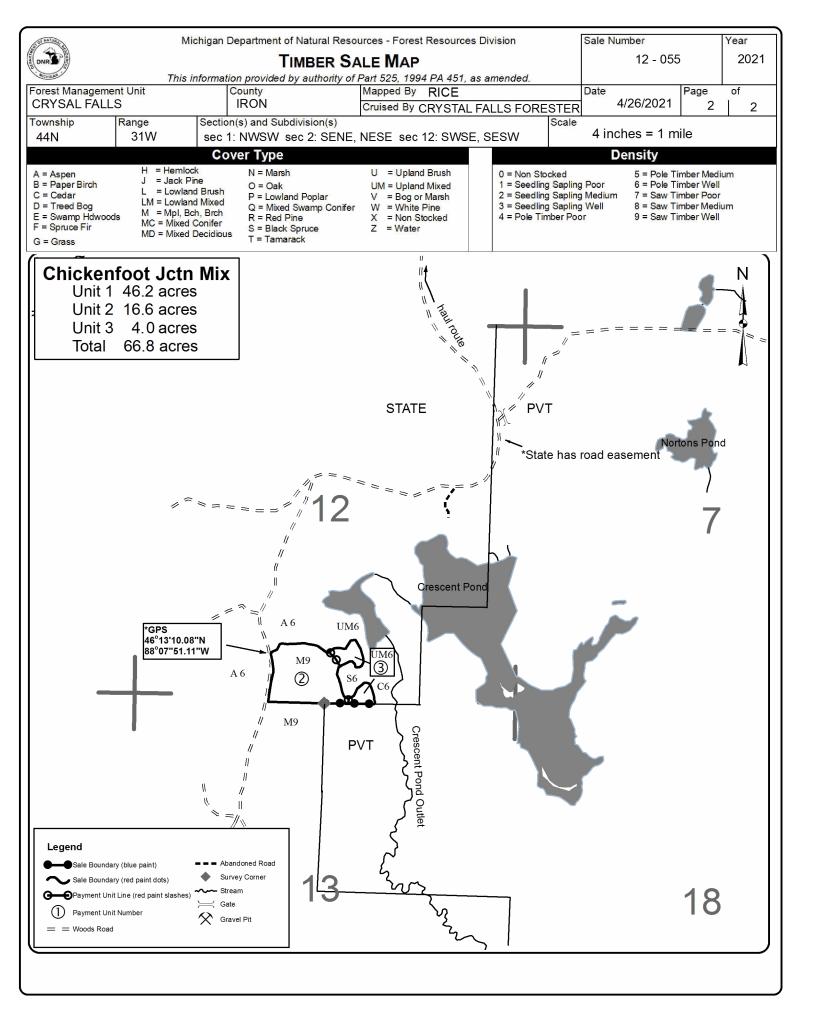
No harvesting operations, including skidding and felling, are to take place within vernal pond areas or drainages. The Purchaser should note that all vernal areas may not be on the Timber Sale Map. It is the Purchaser's responsibility to apply a 100-foot buffer to these potentially unmapped areas. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees and tops should be kept out of this area. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

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.





TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

Newberg Hardwood (12-054-21) T44N, R30W, SEC. 8; Dickinson COUNTY

In response to the notice of sale to be held 8:30 a.m. (local time) on September 22, 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	<u>ESTIMATED</u>	VOLUME*	<u>AD\</u>	/ERTISED PRICE	BID PRICE/UNIT
Basswood	5.1	MBF	\$	29.00/MBF	\$
Paper Birch	50.4	MBF	\$	20.00/MBF	\$
Red Maple	24.6	MBF	\$	49.00/MBF	\$
Sugar Maple	76.3	MBF	\$	86.00/MBF	\$
Yellow Birch	1.0	MBF	\$	19.00/MBF	\$
Pulpwood					
Balsam Fir	65	Cords	\$	5.00/Cord	\$
Mixed Aspen	122	Cords	\$	12.35/Cord	\$
Mixed Hardwood	535	Cords	\$	7.45/Cord	\$
Mixed Spruce	6	Cords	\$	5.10/Cord	\$
Paper Birch	179	Cords	\$	4.00/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 6.58 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 SECU		
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

TOF NATURAL BED	Michigan Department of Natur Forest Resources Div			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)				
adu Anchigan	TIMBER SAL	.E						
	VERIFICATION OF WORKE	R'S DISABII IT	Y	Forest Management Unit:				
	COMPENSATION ACT C			Forest Management Onit.				
		-	- d					
VEDIEL	As required by Act 317, P.A. 1969 (Work Part 5 of Act 451 of 1994, as	amended.						
	ERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE							
sale	e contract.		-	tract award and prior to the issuance of the timber				
	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:							
-	business is organized as (you must	check <u>one</u> of the	boxes below):	:				
	Sole Proprietorship (individual)							
	Partnership							
C. [Corporation							
2. You	u must check <u>one</u> of the boxes below	v:						
A. [I certify my business is a sole propriet Worker's Compensation Laws.	orship and it has no	employees but	the sole proprietor. I am not subject to the				
	Exclusion (BWC-337, Rev. 5/96). I w questions or a copy of the BWC-337,	ill provide a copy of please call the Wor	the Notice of Ex ker's Compensa	sation Act through the use of an approved Notice of xclusion within 21 days of the contract award. (For ation Bureau at 517-322-1195). an original Certificate of Insurance within twenty-				
	one (21) days of the contract award.							
	ou have checked item 2(A) or 2(B), n yourself, including family members			of both full-time and part-time employees, other ou must enter "0").				
	Full-time Er	nnlovees		Part-time Employees				
		npioyees						
Name of E	Business		Federal ID (or)	Social Security No.				
Address			Telephone					
Otto		Otata						
City		State	ZIP					
	certify that the above information is s affecting my coverage during any o			tify the Michigan DNR of any changes that occur ions.				
Signati	ure of Owner or Authorized Representative							
Title			Da	te				

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

_____ Date:____

Chickenfoot Jctn Mix (12-055-21)

T44N, R31W, SEC. 1; T44N, R31W, SEC. 12; T44N, R31W, SEC. 13; T44N, R31W,

In response to the notice of sale to be held 8:30 a.m. (local time) on September 22, 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>	ERTISED PRICE	BID PRICE/UNIT
Paper Birch	0.7	MBF	\$	20.00/MBF	\$
Red Maple	20.4	MBF	\$	49.00/MBF	\$
Sugar Maple	4.7	MBF	\$	86.00/MBF	\$
Yellow Birch	1.2	MBF	\$	19.00/MBF	\$
Pulpwood					
Balsam Fir	155	Cords	\$	5.00/Cord	\$
Mixed Aspen	840	Cords	\$	12.35/Cord	\$
Mixed Hardwood	177	Cords	\$	7.45/Cord	\$
Mixed Spruce	77	Cords	\$	5.10/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 6.08 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 SECU	JRITY NUMBER:	<u> </u>
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	re	preser	ntative's	signature
mannauai	U.	company	10	preser	nunve 5	Signature

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

TOF NATURAL BED	Michigan Department of Natur Forest Resources Div			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)				
adu Michigan - 57	TIMBER SAL	.E						
	VERIFICATION OF WORKE	R'S DISABII IT	Y	Forest Management Unit:				
	COMPENSATION ACT C			Forest Management Onit.				
		-	- d					
VEDIEL	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							
sale	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:							
-	business is organized as (you must	check <u>one</u> of the	boxes below):	:				
	Sole Proprietorship (individual)							
	Partnership							
C. [Corporation							
2. You	2. You must check one of the boxes below:							
A. [I certify my business is a sole propriet Worker's Compensation Laws.	orship and it has no	employees but	the sole proprietor. I am not subject to the				
	 B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty- 							
	one (21) days of the contract award.							
	3. If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").							
	Full-time Employees Part-time Employees							
		npioyees						
Name of E	Business		Federal ID (or)	Social Security No.				
Address			Telephone					
Otto		Otata						
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			Da	te				

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

_____ Date:_____

Compartment 183 Aspen (12-052-21)

T45N, R31W, SEC. 10; T45N, R31W, SEC. 11; T45N, R31W, SEC. 4; Iron COUNTY

In response to the notice of sale to be held 8:30 a.m. (local time) on September 22, 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 Pulpwood	ESTIMATED	VOLUME*	<u>AD\</u>	/ERTISED PRICE	BID PRICE/UNIT
Balsam Fir	338	Cords	\$	5.00/Cord	\$
Mixed Aspen	2,513	Cords	\$	12.35/Cord	\$
Mixed Hardwood	141	Cords	\$	7.45/Cord	\$
Mixed Spruce	252	Cords	\$	5.10/Cord	\$
Paper Birch	42	Cords	\$	4.00/Cord	\$
Tamarack	7	Cords	\$	2.50/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 5.03 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 SECU	RITY 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:

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

AND PRESSOUR	Michigan Department of Natura Forest Resources Divis			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)				
and Michigan . 50	TIMBER SAL	E						
	VERIFICATION OF WORKER	R'S DISABILITY	e	Forest Management Unit:				
	COMPENSATION ACT C							
		-	~					
VEDIEIC	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. 								
	ldition, if boxes 2B or 2C are checke ty-one (21) days of the contract awar			Certificate of Insurance must be submitted within timber sale contract.				
All In	formation must be typed or printed e	except for written s	ignatures.					
Please C	Check Appropriate Categories:							
-	usiness is organized as (you must	check <u>one</u> of the t	ooxes below):					
	Sole Proprietorship (individual)							
	Partnership							
C. 🗋	Corporation							
2. You	must check one of the boxes below	/:						
A. 🗆	I certify my business is a sole proprieto Worker's Compensation Laws.	orship and it has no	employees but t	he sole proprietor. I am not subject to the				
	 B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award. 							
 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 Bu	Isiness		Federal ID (or) S	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.								
Title	Title Date							

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

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