

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7003

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on May 12, 2022. LOCATION: NEWBERRY MGMT UNIT, 5666 S STATE HWY M 123, NEWBERRY, MI 49868.

<u>PROSPECTUS NOTE:</u> 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, NEWBERRY MANAGEMENT UNIT, for certain timber on the following described lands:

Johnsonville Spruce (42-006-21) / T46N, R12W, SEC. 18, NW,NE,N1/2SE.

Luce County, Advertised Price \$58,483.50, 164.1 Acres, Spruce/Fir/Tamarack, White Pine.

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

Road work may be required. See Sale Spec. 4.2.3 for details.

Within Payment Units 1-6, it is recommended that harvesting occur during dry summer or frozen winter conditions because of the lowland nature of the soil types. Tracked equipment is recommended regardless of what time of year these Payment Units are harvested.

Hummingbird Pine (42-033-21) / T47N, R12W, SEC. 28, S1/2NW,SWNE,SW,NWSE,S1/2SE.

T47N, R12W, SEC. 29, NESE.

T47N, R12W, SEC. 33, N1/2NW, NWNE.

Luce County, Advertised Price \$83,708.75, 151.9 Acres, Red Pine, White Pine.

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

No new roads will be permitted in any Payment Unit. See Sale Spec. 4.1.12 for additional information.

Road work may be required. See Sale Spec. 4.2.3 for details.

Harvesting is not permitted during the period of December 31 to April 15 because of the low stump requirement to facilitate cultivation operations.

Torretta Bruciata Mix (42-034-21) / T47N, R12W, SEC. 33, SENW,NE,N1/2SE,SESE.

T47N, R12W, SEC. 34, SWNW, NWSW.

Luce County, Advertised Price \$59,264.55, 132.4 Acres, White Pine, Aspen.

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

Road work may be required on this sale. See Sale Spec. 4.2.3 for details.

Within Payment Units 1-4, harvesting is not permitted during the period of December 31 to April 15 because of the low stump restriction to facilitate cultivation operations.

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

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

Bids must be received by the Unit Manager, NEWBERRY OFFICE, 5666 S STATE HWY M 123, NEWBERRY, MI 49868, no later than 3:00 p.m. (local time) on May 12, 2022. For further information concerning this sale, contact Keith Magnusson at 906-291-0120 extension n/a.

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

Johnsonville Spruce (42-006-21)
T46N, R12W, SEC. 18.
Luce County (Advertised Price \$58,483.50)

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

Road work may be required. See Sale Spec. 4.2.3 for details.

Within Payment Units 1-6, it is recommended that harvesting occur during dry summer or frozen winter conditions because of the lowland nature of the soil types. Tracked equipment is recommended regardless of what time of year these Payment Units are harvested.

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	ESTIMATED UNITS*		ADVERTISED PRICE	
Pulpwood					
Balsam Fir	36	Cords	\$	8.50 / Cord	
Black Spruce	1,762	Cords	\$	18.85 / Cord	
Jack Pine	55	Cords	\$	16.25 / Cord	
Mixed Aspen	77	Cords	\$	19.95 / Cord	
Mixed Hardwood	169	Cords	\$	10.00 / Cord	
N. White Cedar	530	Cords	\$	4.50 / Cord	
Red Pine	82	Cords	\$	43.20 / Cord	
Tamarack	45	Cords	\$	3.30 / Cord	
White Pine	1,136	Cords	\$	13.00 / Cord	

^{*} The total volume is statistically estimated within plus (+) or minus (-) 4.90 percent. There are an estimated 4,101 cords on this timber sale, plus or minus 201 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 \$2,924.00 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	10.8%
02	9.3%
03	20.7%
04	20.1%
05	11.6%
06	15.7%
07	11.8%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2026.

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 RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
324,003	4,101	4.90%	3,900	4,303

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
29	24,456	310	16.91%	257	362
30	93,517	1,184	10.67%	1,057	1,310
31	161,343	2,042	6.00%	1,920	2,165
37	44,688	566	14.55%	483	648
TOTAL:	324,003	4,101		3,718	4,485

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:	164.1		164.1
37	17.7	1	17.7
		5	14.8
		4	25.6
31	66.8	3	26.4
		6	25.2
30	40.1	2	14.9
29	39.5	7	39.5
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	9	Cords	17.7	\$6,322.00
	Black Spruce		192	Cords		
	Mixed Hardwood		58	Cords		
	Paper Birch		23	Cords		
	Red Maple		35	Cords		
	N. White Cedar		178	Cords		
	Tamarack		11	Cords		
	White Pine		93	Cords		
	White Pine	Sawtimber	41.2	MBF		
	White Pine	Pulpwood	11	Cords		
2	Balsam Fir	Pulpwood	7	Cords	14.9	\$5,457.25
	Black Spruce	·	119	Cords		. ,
	Mixed Hardwood		3	Cords		
	Paper Birch		3	Cords		
	N. White Cedar		61	Cords		
	Red Pine		6	Cords		
	Red Pine		6	Cords		
	Tamarack		13	Cords		
			196			
	White Pine	0		Cords		
	White Pine	Sawtimber	76.0	MBF		
	White Pine	Pulpwood	44	Cords	00.4	* 40.400.00
3	Balsam Fir	Pulpwood	2	Cords	26.4	\$12,109.20
	Black Spruce		492	Cords		
	Mixed Hardwood		34	Cords		
	Red Maple	Sawtimber	1.0	MBF		
	Paper Birch	Pulpwood	9	Cords		
	Red Maple		23	Cords		
	N. White Cedar		74	Cords		
	White Pine		165	Cords		
	White Pine	Sawtimber	66.9	MBF		
	White Pine	Pulpwood	31	Cords		
4	Balsam Fir	Pulpwood	2	Cords	25.6	\$11,761.30
	Black Spruce		478	Cords		
	Mixed Hardwood		33	Cords		
	Red Maple	Sawtimber	1.0	MBF		
	Paper Birch	Pulpwood	9	Cords		
	Red Maple		22	Cords		
	N. White Cedar		72	Cords		
	White Pine		160	Cords		
	White Pine	Sawtimber	64.9	MBF		
	White Pine	Pulpwood	30	Cords		
5	Balsam Fir	Pulpwood	1	Cords	14.8	\$6,794.60
	Black Spruce		276	Cords		ψο,. σσσ
	Mixed Hardwood		19	Cords		
	Red Maple	Sawtimber	0.6	MBF		
	Paper Birch	Pulpwood	5	Cords		
	1	r uipwood	13	Cords		
	Red Maple					
	N. White Cedar		41	Cords		
	White Pine	<u></u>	93	Cords		
	White Pine	Sawtimber	37.5	MBF		
	White Pine	Pulpwood	18	Cords		
6	Balsam Fir	Pulpwood	12	Cords	25.2	\$9,154.10
	Black Spruce		200	Cords		
	Mixed Hardwood		4	Cords		
	Paper Birch		4	Cords		
	- 1					-

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Red Pine	Pulpwood	9	Cords		
	Red Pine		9	Cords		
	Tamarack		21	Cords		
	White Pine		332	Cords		
	White Pine	Sawtimber	128.6	MBF		
	White Pine	Pulpwood	75	Cords		
7	Balsam Fir	Pulpwood	3	Cords	39.5	\$6,885.05
	Black Spruce		5	Cords		
	Jack Pine		55	Cords		
	Mixed Aspen		77	Cords		
	B. T. Aspen		69	Cords		
	Quaking Aspen		8	Cords		
	Mixed Hardwood		18	Cords		
	Paper Birch	Sawtimber	2.4	MBF		
	Paper Birch	· ·	5	Cords		
	Red Maple		8	Cords		
	Red Pine		67	Cords		
	Red Pine		5.5	MBF		
	Red Pine	Pulpwood	56	Cords		
	White Pine		97	Cords		
	White Pine		7.5	MBF		
	White Pine	Pulpwood	82	Cords		
		TOTAL:	3,892	Cords		

Sale Specific Conditions & Requirements

Sale Name: Johnsonville Spruce Sale Number: 42-006-21 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, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint in Payment Unit 7. Retention Pockets in Payment Units 1-4 and 6 will require a digital Avenza map to cut around the pockets. This map will be provided by the DNR. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 7, cut all trees that are two (2) inches or more at DBH, except for trees ringed with green paint. These will be oak trees.

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

Within Payment Unit(s) 1-6, cut all trees which meet minimum piece specifications in 2.2 Utilization except hemlock. Within Payment Unit 2 and 6 leave all white pine over 20" and red pine over 18".

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 7 shall not exceed 6 inches for all trees. This is to facilitate planting operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. In general, this will require constructing double earthen berms at strategic locations. These roads must be rendered impassable to cars and trucks. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: cleaning of drainage areas, grading, crowning, and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1-6, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is because of the lowland nature of the soil types. Tracked equipment is recommended regardless of what time of year these Payment Units are harvested.

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.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Spring Creek Road prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

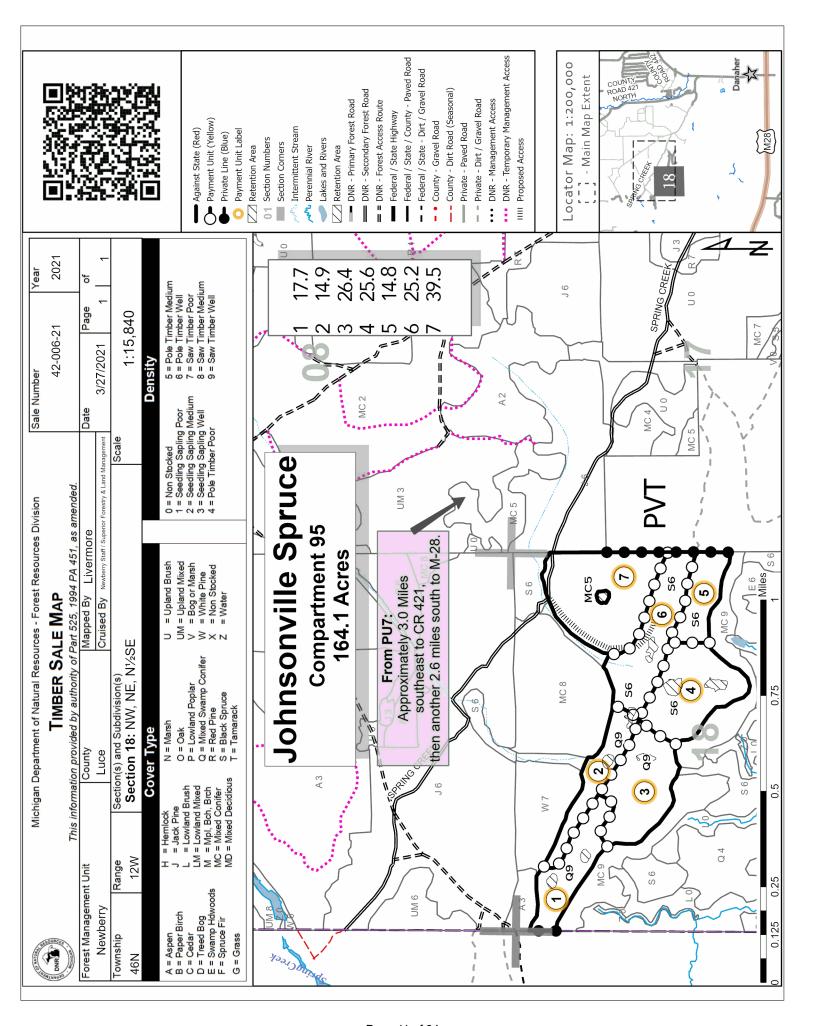
7 - Other Conditions

7.2 - Extensions

7.2.5 - Weather related extension (1/13)

If weather conditions during the operating period of this contract prevent harvesting, this sale may qualify for a weather related extension. If approved, the normal extension fee would be waived. To qualify, there must be a documented attempt each year to harvest in the difficult portion of the sale.

Section Name: Sale Specific Current as of 3/17/2022 11:46:19AM



TIMBER SALE INFORMATION

Hummingbird Pine (42-033-21)

T47N, R12W, SEC. 28; T47N, R12W, SEC. 29; T47N, R12W, SEC. 33. Luce County (Advertised Price \$83,708.75)

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

No new roads will be permitted in any Payment Unit. See Sale Spec. 4.1.12 for additional information.

Road work may be required. See Sale Spec. 4.2.3 for details.

Harvesting is not permitted during the period of December 31 to April 15 because of the low stump requirement to facilitate cultivation operations.

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*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Paper Birch	5.3	MBF	\$	35.00 / MBF
Pulpwood				
Jack Pine	386	Cords	\$	16.25 / Cord
Mixed Aspen	249	Cords	\$	19.95 / Cord
Mixed Hardwood	114	Cords	\$	10.00 / Cord
Red Pine	1,272	Cords	\$	43.20 / Cord
White Pine	1,234	Cords	\$	13.00 / Cord
White Spruce	8	Cords	\$	18.85 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 4.16 percent. There are an estimated 3,419 cords on this timber sale, plus or minus 142 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 \$4,185.00 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	1.7%
02	29.6%
03	24.1%
04	19.9%
05	14.5%
06	10.2%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2025.

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 RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
270,062	3,419	4.16%	3,276	3,561

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
15	1,610	20	35.13%	13	28
16	79,120	1,002	7.84%	923	1,080
28	58,724	743	10.53%	665	822
29	125,517	1,589	5.45%	1,502	1,675
32	3,611	46	41.95%	27	65
404	1,481	19	28.87%	13	24
TOTAL:	270,062	3,419		3,143	3,694

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:	151.9		151.9
404	2.2	2	2.2
32	5.1	1	5.1
		4	20.1
29	44.4	3	24.3
28	34.2	2	34.2
		6	26.3
16	63.7	5	37.4
15	2.3	1	2.3
VDU	VDU ACRES	PU	PU ACRES

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine	Pulpwood	13	Cords	7.4	\$1,452.25
	Jack Pine		13	Cords		
	Red Pine		20	Cords		
	Red Pine	Sawtimber	1.6	MBF		
	Red Pine	Pulpwood	17	Cords		
	White Pine		29	Cords		
	White Pine	Sawtimber	10.2	MBF		
	White Pine	Pulpwood	9	Cords		
2	Jack Pine	Pulpwood	141	Cords	36.4	\$24,668.15
	Jack Pine	·	141	Cords		
	Mixed Aspen		42	Cords		
	B. T. Aspen		11	Cords		
	Quaking Aspen		31	Cords		
	Mixed Hardwood		19	Cords		
	Black Cherry		4	Cords		
	Red Maple		15	Cords		
	Red Pine		465	Cords		
	Red Pine	Sawtimber	126.6	MBF		
	Red Pine	Pulpwood	212	Cords		
	White Pine	i aipwood	97	Cords		
	White Pine	Sawtimber	10.1	MBF		
	White Pine	Pulpwood	77	Cords		
3	Jack Pine	Pulpwood	47	Cords	24.3	\$20,189.0
3	Jack Pine	Sawtimber	10.6	MBF	24.5	Ψ20, 109.00
	Jack Pine	Pulpwood	70.0 26	Cords		
		Pulpwood	90	Cords		
	Mixed Aspen		90	Cords		
	B. T. Aspen					
	Mixed Hardwood	Caustinahas	26	Cords		
	Red Maple	Sawtimber	0.9	MBF		
	Black Cherry	Pulpwood	2	Cords		
	Red Maple		22	Cords		
	Red Pine	Caudinahar	279 55.2	Cords		
	Red Pine	Sawtimber	55.2	MBF		
	Red Pine	Pulpwood	169	Cords		
	White Pine		409	Cords		
	White Pine	Sawtimber	78.0	MBF		
	White Pine	Pulpwood	253	Cords		
4	Jack Pine	Pulpwood	39	Cords	20.1	\$16,683.00
	Jack Pine	Sawtimber	8.8	MBF		
	Jack Pine	Pulpwood	21	Cords		
	Mixed Aspen		75	Cords		
	B. T. Aspen		75	Cords		
	Mixed Hardwood		21	Cords		
				MADE		
	Red Maple	Sawtimber	0.8	MBF		
	Black Cherry	Sawtimber Pulpwood	0.8 1	Cords		
			1 18	Cords Cords		
	Black Cherry Red Maple Red Pine		1	Cords Cords Cords		
	Black Cherry Red Maple	Pulpwood Sawtimber	1 18	Cords Cords		
	Black Cherry Red Maple Red Pine	Pulpwood	1 18 230	Cords Cords Cords MBF Cords		
	Black Cherry Red Maple Red Pine Red Pine	Pulpwood Sawtimber	1 18 230 45.6	Cords Cords Cords MBF		
	Black Cherry Red Maple Red Pine Red Pine Red Pine	Pulpwood Sawtimber	1 18 230 45.6 139	Cords Cords Cords MBF Cords		
	Black Cherry Red Maple Red Pine Red Pine Red Pine White Pine	Pulpwood Sawtimber Pulpwood	1 18 230 45.6 139 339	Cords Cords Cords MBF Cords Cords		
5	Black Cherry Red Maple Red Pine Red Pine Red Pine White Pine White Pine	Pulpwood Sawtimber Pulpwood Sawtimber	1 18 230 45.6 139 339 64.6	Cords Cords Cords MBF Cords Cords MBF	37.4	\$12,173.60
5	Black Cherry Red Maple Red Pine Red Pine Red Pine White Pine White Pine White Pine	Pulpwood Sawtimber Pulpwood Sawtimber Pulpwood	1 18 230 45.6 139 339 64.6 210	Cords Cords Cords MBF Cords Cords MBF Cords	37.4	\$12,173.60
5	Black Cherry Red Maple Red Pine Red Pine Red Pine White Pine White Pine White Pine Paper Birch	Pulpwood Sawtimber Pulpwood Sawtimber Pulpwood Sawtimber	1 18 230 45.6 139 339 64.6 210	Cords Cords Cords MBF Cords Cords MBF Cords MBF MBF	37.4	\$12,173.60

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Mixed Aspen	Pulpwood	25	Cords		
	B. T. Aspen	·	10	Cords		
	Quaking Aspen		15	Cords		
	Mixed Hardwood		29	Cords		
	Red Maple	Sawtimber	0.6	MBF		
	Paper Birch	Pulpwood	20	Cords		
	Red Maple		8	Cords		
	Red Pine		163	Cords		
	Red Pine	Sawtimber	57.1	MBF		
	Red Pine	Pulpwood	49	Cords		
	White Pine		211	Cords		
	White Pine	Sawtimber	35.8	MBF		
	White Pine	Pulpwood	139	Cords		
	White Spruce		5	Cords		
6	Paper Birch	Sawtimber	2.2	MBF	26.3	\$8,512.7
	Jack Pine	Pulpwood	61	Cords		
	Jack Pine	Sawtimber	11.8	MBF		
	Jack Pine	Pulpwood	37	Cords		
	Mixed Aspen		17	Cords		
	B. T. Aspen		7	Cords		
	Quaking Aspen		10	Cords		
	Mixed Hardwood		20	Cords		
	Red Maple	Sawtimber	0.5	MBF		
	Paper Birch	Pulpwood	14	Cords		
	Red Maple		5	Cords		
	Red Pine		114	Cords		
	Red Pine	Sawtimber	40.1	MBF		
	Red Pine	Pulpwood	34	Cords		
	White Pine		148	Cords		
	White Pine	Sawtimber	25.2	MBF		
	White Pine	Pulpwood	98	Cords		
	White Spruce		3	Cords		
		TOTAL:	5.3	MBF		

Sale Specific Conditions & Requirements

Sale Name: Hummingbird Pine Sale Number: 42-033-21 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 red and green paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with green paint. The portion of Clark Trail that runs between Payment Units 5 and 6 is the Payment Unit line. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. 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) 1-6, cut all trees that are two (2) inches or more at DBH.

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 cultivation operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 2 and 5 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

4.1.6 - Road construction (1/09)

Improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge.

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

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Back in spurs and truck turnarounds will be allowed.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: grading, crowning, and filling with gravel, if necessary.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-6, unless changed by written agreement, cutting and skidding are not permitted during the period of December 31 to April 15. This restriction is because of the low stump requirement to facilitate cultivation operations.

5.2.3.6 - Bark beetle restriction (12/08)

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

5.2.32 - Decking/landing restoration (9/13)

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

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

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

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

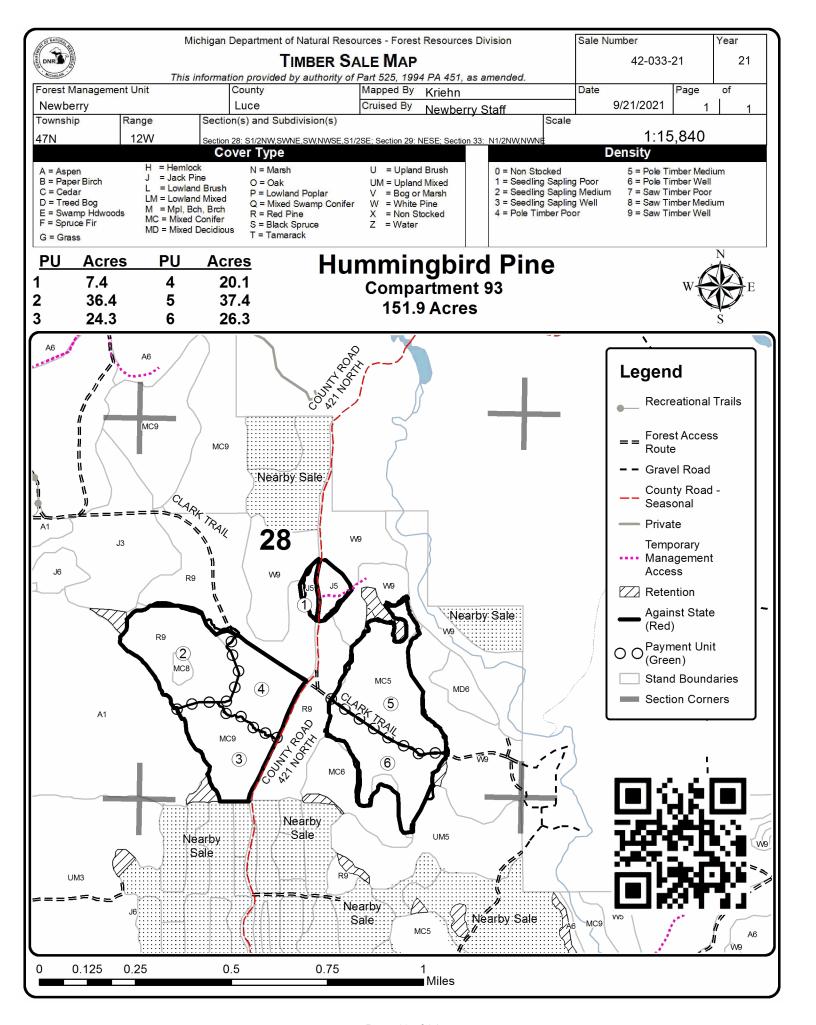
6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Clark Trail and County Road 421 prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

Section Name: Sale Specific Current as of 3/17/2022 9:13:41AM



TIMBER SALE INFORMATION

Torretta Bruciata Mix (42-034-21)
T47N, R12W, SEC. 33; T47N, R12W, SEC. 34.
Luce County (Advertised Price \$59,264.55)

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

Road work may be required on this sale. See Sale Spec. 4.2.3 for details.

Within Payment Units 1-4, harvesting is not permitted during the period of December 31 to April 15 because of the low stump restriction to facilitate cultivation operations.

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*		<u>ADVE</u>	RTISED PRICE
Sawtimber				
Red Maple	8.1	MBF	\$	71.00 / MBF
Pulpwood				
Balsam Fir	4	Cords	\$	8.50 / Cord
Jack Pine	360	Cords	\$	16.25 / Cord
Mixed Aspen	551	Cords	\$	19.95 / Cord
Mixed Hardwood	349	Cords	\$	10.00 / Cord
Red Pine	534	Cords	\$	43.20 / Cord
White Pine	1,156	Cords	\$	13.00 / Cord
White Spruce	12	Cords	\$	18.85 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 5.75 percent. There are an estimated 3,052 cords on this timber sale, plus or minus 176 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 \$2,963.00 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	23.1%
02	20.6%
03	6.5%
04	16.1%
05	6.3%
06	20.7%
07	6.7%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2025.

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.

VOLUME			STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
241,075	3,052	5.75%	2,876	3,227

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
49	14,707	186	22.70%	144	228
50	84,382	1,068	10.38%	957	1,179
52	37,944	480	12.99%	418	543
55	20,092	254	18.26%	208	301
79	34,663	439	17.38%	363	515
81	49,288	624	11.27%	554	694
TOTAL:	241,075	3,052		2,643	3,460

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.

	55 79	13.2 15.9	7 2	13.2 15.9
	52	22.5	4	22.5
			6	44.6
	50	58.3	5	13.7
Ì	49	8.1	3	8.1
	VDU	VDU ACRES	PU	PU ACRES

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Pulpwood	31	Cords	14.4	\$13,732.65
	B. T. Aspen		31	Cords		
	Mixed Hardwood		17	Cords		
	Paper Birch		4	Cords		
	Red Maple		13	Cords		
	Red Pine		191	Cords		
	Red Pine	Sawtimber	67.7	MBF		
	Red Pine	Pulpwood	56	Cords		
	White Pine	·	361	Cords		
	White Pine	Sawtimber	87.5	MBF		
	White Pine	Pulpwood	186	Cords		
2	Red Pine	Pulpwood	232	Cords	15.9	\$12,206.40
	Red Pine	Sawtimber	79.7	MBF		, , , , , , , , , , , , , , , , , , , ,
	Red Pine	Pulpwood	73	Cords		
	White Pine	, и,риоси	168	Cords		
	White Pine	Sawtimber	30.9	MBF		
	White Pine	Pulpwood	106	Cords		
3	Jack Pine	Pulpwood	150	Cords	8.1	\$3,828.95
3	Jack Pine	Sawtimber	7.4	MBF	0.1	φ5,626.93
	Jack Pine		135	Cords		
		Pulpwood				
	Mixed Aspen		7	Cords		
	B. T. Aspen		7	Cords		
	Mixed Hardwood		2	Cords		
	Red Maple		2	Cords		
	Red Pine		24	Cords		
	Red Pine	Sawtimber	9.3	MBF		
	Red Pine	Pulpwood	5	Cords		
	White Pine		15	Cords		
	White Pine	Sawtimber	5.0	MBF		
	White Pine	Pulpwood	5	Cords		
4	Balsam Fir	Pulpwood	2	Cords	22.5	\$9,540.25
	Jack Pine		88	Cords		
	Jack Pine	Sawtimber	4.3	MBF		
	Jack Pine	Pulpwood	79	Cords		
	Mixed Aspen		135	Cords		
	B. T. Aspen		135	Cords		
	Mixed Hardwood		14	Cords		
	Black Cherry		3	Cords		
	Red Maple		11	Cords		
	Red Pine		70	Cords		
	Red Pine	Sawtimber	14.6	MBF		
	Red Pine	Pulpwood	41	Cords		
	White Pine	·	172	Cords		
	White Pine	Sawtimber	64.6	MBF		
	White Pine	Pulpwood	43	Cords		
5	Red Maple	Sawtimber	1.5	MBF	13.7	\$3,739.20
-	Jack Pine	Pulpwood	27	Cords		75,. 55.20
	Jack Pine	Sawtimber	2.0	MBF		
	Jack Pine	Pulpwood	23	Cords		
	Mixed Aspen	, а,риоба	71	Cords		
	B. T. Aspen		28	Cords		
	Quaking Aspen		43	Cords		
	Mixed Hardwood		67	Cords		
	Black Cherry		2	Cords		
	Paper Birch		5	Cords		
	Red Maple	I	60	Cords	I	

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Red Pine	Pulpwood	4	Cords		
	Red Pine	Sawtimber	1.8	MBF		
	White Pine	Pulpwood	69	Cords		
	White Pine	Sawtimber	5.2	MBF		
	White Pine	Pulpwood	59	Cords		
	White Spruce		2	Cords		
6	Red Maple	Sawtimber	4.9	MBF	44.6	\$12,268.7
	Balsam Fir	Pulpwood	2	Cords		
	Jack Pine		88	Cords		
	Jack Pine	Sawtimber	6.4	MBF		
	Jack Pine	Pulpwood	75	Cords		
	Mixed Aspen		234	Cords		
	B. T. Aspen		93	Cords		
	Quaking Aspen		141	Cords		
	Mixed Hardwood		220	Cords		
	Black Cherry		7	Cords		
	Paper Birch		16	Cords		
	Red Maple		197	Cords		
	Red Pine		13	Cords		
	Red Pine	Sawtimber	6.0	MBF		
	Red Pine	Pulpwood	1	Cords		
	White Pine		224	Cords		
	White Pine	Sawtimber	16.9	MBF		
	White Pine	Pulpwood	190	Cords		
	White Spruce		7	Cords		
7	Red Maple	Sawtimber	1.7	MBF	13.2	\$3,948.3
	Jack Pine	Pulpwood	7	Cords		
	Jack Pine		7	Cords		
	Mixed Aspen		73	Cords		
	B. T. Aspen		42	Cords		
	Quaking Aspen		31	Cords		
	Mixed Hardwood		29	Cords		
	Red Maple		29	Cords		
	White Pine		147	Cords		
	I	I	147	Cords		
	White Pine					
	White Pine White Spruce		3	Cords		
		TOTAL:		Cords MBF		

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Sale Specific Conditions & Requirements

Sale Name: Torretta Bruciata Mix Sale Number: 42-034-21 Seg#: 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 red, blue, and green paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with green paint. The Payment Unit line between Payment Units 5 and 6 is the forest road. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. 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) 1-4, cut all trees that are two (2) inches or more at DBH.

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

Within Payment Unit(s) 5-7, cut all trees which meet minimum piece specifications in 2.2 Utilization, except leave all trees marked with green paint.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 1-4 shall not exceed 6 inches for all trees. This is to facilitate cultivation operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1, 2, 4, and 6 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract 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 dispersed throughout the sale.

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to

prohibit vehicular movement. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: grading, crowning, and filling with gravel, as necessary.

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 1-4, unless changed by written agreement, cutting and skidding are not permitted during the period of December 31 to April 15. This restriction is because of the low stump restriction to facilitate cultivation operations.

5.2.3.6 - Bark beetle restriction (12/08)

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

5.2.32 - Decking/landing restoration (9/13)

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

5.2.38 - 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.

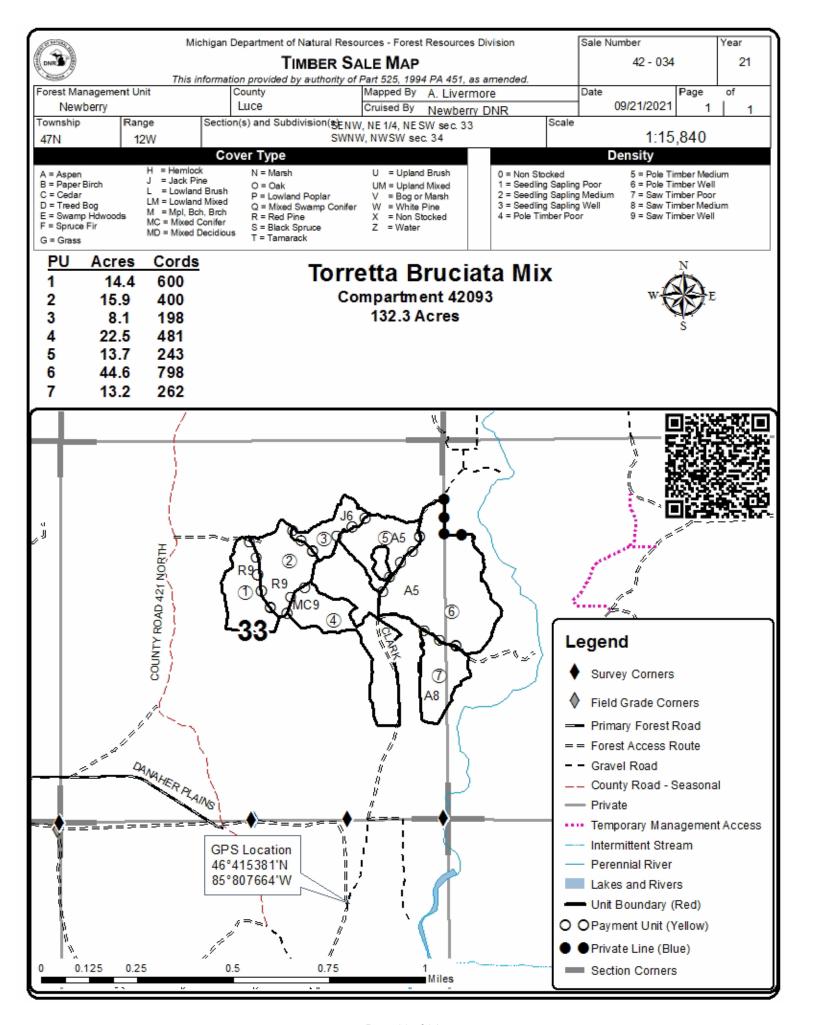
6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Clark Trail and County Road 421 prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

Section Name: Sale Specific Current as of 3/17/2022 7:29:06AM



TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

BID FORM

NEWBERRY MANAGEMENT UNIT NEWBERRY OFFICE

Johnsonville Spruce (42-006-21)
T46N, R12W, SEC. 18; Luce COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on May 12, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	<u>ESTIMATED</u>	VOLUME*	<u>* ADVERTISED PRICE</u>		BID PRICE/UNIT
Pulpwood					
Balsam Fir	36	Cords	\$	8.50/Cord	\$
Black Spruce	1,762	Cords	\$	18.85/Cord	\$
Jack Pine	55	Cords	\$	16.25/Cord	\$
Mixed Aspen	77	Cords	\$	19.95/Cord	\$
Mixed Hardwood	169	Cords	\$	10.00/Cord	\$
N. White Cedar	530	Cords	\$	4.50/Cord	\$
Red Pine	82	Cords	\$	43.20/Cord	\$
Tamarack	45	Cords	\$	3.30/Cord	\$
White Pine	1,136	Cords	\$	13.00/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 4.90 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 SOCIAL SECURITY NUMBER: ___ -__ - __ - __ - ___

	Company or individual bidding:					
	Company representative's name:					
	Address:					
	City:	State:	Zip:			
IF AVAILA	F AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.					
ndividual or company representative's signature: Date:						
Phone nu	hone 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 writter	n signatures.	
Ple	ease Check Appropriate Categories:		
1.	My business is organized as (you must check <u>one</u> of the A. ☐ Sole Proprietorship (individual) B. ☐ Partnership C. ☐ Corporation	e 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 r	no amployage but the sole proprietor. I am not subject to the	
	Worker's Compensation Laws. B. I certify my business has satisfied its o bligation to the W	/orker's Compensation Act through the use of an approved Notice of of the Notice of Exclusion within 21 days of the contract award. (For	
	C. I certify my business has a Worker's Compensation Polione (21) days of the contract award.	cy. I will provide an original Certificate of Insurance within twenty-	
3.	If you have checked item 2(A) or 2(B), you must indicathan yourself, including family members and active partr	ate the number of both full-time and part-time employees, other ners (if none, you must enter "0").	
	Full-time Employees	Part-time Employees	
lam	ne of Business	Federal ID (or) Social Security No.	
Addr	ress	Telephone ()	
City	State	ZIP	
	ereby certify that the above information is true and correct actors affecting my coverage during any of my present an	t. I agree to notify the Michigan DNR of any changes that occur ad future operations.	
S	Signature of Owner or Authorized Representative		
Ti	Fitle	Date	

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

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

BID FORM

NEWBERRY MANAGEMENT UNIT NEWBERRY OFFICE

Torretta Bruciata Mix (42-034-21)

T47N, R12W, SEC. 33; T47N, R12W, SEC. 34; Luce COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on May 12, 2022, 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>	<u>/OLUME*</u>	<u>ADV</u>	<u>'ERTISED PRICE</u>	BID PRICE	/UNIT
Sawtimber						
Red Maple	8.1	MBF	\$	71.00/MBF	\$	
Pulpwood						
Balsam Fir	4	Cords	\$	8.50/Cord	\$	
Jack Pine	360	Cords	\$	16.25/Cord	\$	
Mixed Aspen	551	Cords	\$	19.95/Cord	\$	
Mixed Hardwood	349	Cords	\$	10.00/Cord	\$	
Red Pine	534	Cords	\$	43.20/Cord	\$	
White Pine	1,156	Cords	\$	13.00/Cord	\$	
White Spruce	12	Cords	\$	18.85/Cord	\$	

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

FEDERAL ID: ____ or SOCIAL SECURITY NUMBER: ______

Co	ompany or individual bidding:				
Co	ompany representative's name:				
Ac	ddress:				
Ci	ty:	State:	Zip:		
F AVAILABL	E, PLEASE PLACE THE PERSON	IALIZED LABEL FROM	YOUR PROSPECTUS IN TH	HE ABOVE BOX.	
ndividual or	company representative's signature	e:		Date:	
Phone numb	e number : Email (optional):				

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

^{*}The volumes are statistically estimated within plus (+) or minus (-) 5.75 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.



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.

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 hoves 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	Please Check Appropriate Categories:			
1.	1. My business is organized as (you must check <u>one</u> of the boxes bel	ow):		
	A. Sole Proprietorship (individual)			
	B. Partnership			
	C. Corporation			
2.	2. You must check <u>one</u> of the boxes below:			
	 I certify my business is a sole proprietorship and it has no employees Worker's Compensation Laws. 	but the sole proprietor. I am not subject to the		
	B. ☐ I certify my business has satisfied its o bligation to the Worker's Com Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice questions or a copy of the BWC-337, please call the Worker's Comp	of Exclusion within 21 days of the contract award. (For		
	C. I certify my business has a Worker's Compensation Policy. I will provone (21) days of the contract award.	vide an original Certificate of Insurance within twenty-		
3.	 If you have checked item 2(A) or 2(B), you must indicate the num than yourself, including family members and active partners (if noneFull-time Employees 			
lam	lame of Business Federal ID	(or) Social Security No.		
ddr	ddress Telephone ()		
ity	State ZIP			
n fa	hereby certify that the above information is true and correct. I agree to a factors affecting my coverage during any of my present and future operations. 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)

BID FORM

NEWBERRY MANAGEMENT UNIT NEWBERRY OFFICE

Hummingbird Pine (42-033-21)

T47N, R12W, SEC. 28; T47N, R12W, SEC. 29; T47N, R12W, SEC. 33; Luce

In response to the notice of sale to be held 3:00 p.m. (local time) on May 12, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	<u>ESTIMATED</u>	VOLUME*	<u>ADV</u>	ERTISED PRICE	BID PRICE/UNIT	-
Sawtimber	F 0	MDE	•	25 00 /MD5	c	
Paper Birch	5.3	MBF	\$	35.00/MBF	Φ	
Pulpwood						
Jack Pine	386	Cords	\$	16.25/Cord	\$	
Mixed Aspen	249	Cords	\$	19.95/Cord	\$	
Mixed Hardwood	114	Cords	\$	10.00/Cord	\$	
Red Pine	1,272	Cords	\$	43.20/Cord	\$	
White Pine	1,234	Cords	\$	13.00/Cord	\$	
White Spruce	8	Cords	\$	18.85/Cord	\$	

*The volumes are statistically estimated within plus (+) or minus (-) 4.16 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:			
	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	ndividual or company representative's signature: Date:					
Phone number : Email (or			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. Please Check Appropriate Categories:

1.	, , , , , , , , , , , , , , , , , , , ,	pelow):
	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 employ. Worker's Compensation Laws. 	ees but the sole proprietor. I am not subject to the
	B. I certify my business has satisfied its o bligation to the Worker's Continuous Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice questions or a copy of the BWC-337, please call the Worker's Continuous Conti	ce of Exclusion within 21 days of the contract award. (For
	C. I certify my business has a Worker's Compensation Policy. I will pone (21) days of the contract award.	provide an original Certificate of Insurance within twenty-
3.	3. If you have checked item 2(A) or 2(B), you must indicate the n than yourself, including family members and active partners (if no	
	Full-time Employees	Part-time Employees
Nan	Name of Business Federa	I ID (or) Social Security No.
Add	Address Telepho	one
	()
City	City State ZIP	
	I hereby certify that the above information is true and correct. I agree in factors affecting my coverage during any of my present and future of	
_	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)