



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6002

SCHEDULED SALE DATE AND TIME: 8:30 a.m. (local time) on August 24, 2017.

LOCATION: CRYSTAL FALLS MGT 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:

Shin Buster (12-066-17)

Iron County, Advertised Price \$70,070.00, 226.8 Acres, Aspen, Hardwood.

SALE NOTE: The sale area received heavy storm damage in April 2017. This area also has extremely limited road access. Fairly extensive road construction may be required. In addition any new roads built into the sale area are required to be obliterated. Prospective bidders are encouraged to evaluate the sale area and sale requirements closely.

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.

Hardwood Lake Salvage (12-068-17)

Iron County, Advertised Price \$44,134.95, 106.8 Acres, Aspen, Hardwood.

SALE NOTE: The sale area received heavy storm damage in April 2017. In addition, the eastern units have areas of steep ridges/slope.

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

BID INSTRUCTIONS (VER. 09/02/2016):

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

Bids must be received by the Unit Manager, CRYSTAL FALLS OFFICE, 1420 US-2 WEST, CRYSTAL FALLS, MI 49920, no later than 8:30 a.m. (local time) on August 24, 2017. For further information concerning this sale, contact Dan McNamee at 906-875-6622 extension 105.

2. Bidder's Qualifications (5/16)

Purchaser shall obtain workers compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale contract. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (5/16)

Bid Forms may be completed online thru Michigan DNR Timber Sale Online Bidding (OLB) at www.michigan.gov/timberbidding or by completing the hardcopy Bid Form found in the Timber Sale Prospectus. Hardcopy Bid Forms shall be manually signed in ink. Registration in OLB is considered your 'signature' for all bids submitted thru that system. Bid prices must be entered for each species and product in the Bid Price column for all material subject to bidding and all fill-in blanks must be completed. If erasures or other changes appear on the hardcopy Bid Form, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (5/16)

Bid forms may be obtained from the Unit Manager or thru OLB. Bids may be submitted hardcopy or thru OLB. All hardcopy bids must be submitted on the bid form and in an envelope clearly identified as described in this section. NOTE: Only one bid form per bid envelope. Sealed bids must be submitted to the Unit office designated in the prospectus and must be submitted at or prior to the time established in the prospectus. The envelope should show on the outside (a) the sale name or number and (b) the date and time of bid opening, as shown in the prospectus. Bids received after the time specified in the sale prospectus are late bids and will be rejected.

It is possible for a bidder to submit multiple bids on a single sale. For example, a bid may be submitted hardcopy and a bid may be submitted thru OLB. Or, two bidders from the same company could both submit bids on the same sale. If this were to happen, the State would accept all bids received and award the contract accordingly. All bidding and contractual requirements would apply to all bids received.

5. Public Opening of Sealed Bids (7/16)

If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.

If a bidder, present at a bid opening, has submitted bids on more than one sale, that bidder may withdraw their unopened bid envelopes or announce the withdrawal of their online bid after being declared the successful bidder on one sale.

6. Award of Contract (1/11)

Award of the contract will be made to the Bidder whose bid, conforming to the prospectus, is most advantageous to the State of Michigan on the basis of total value at rates bid for the estimated quantities. The State reserves the right to reject any bid or waive any minor irregularity in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party.

7. Down Payment (1/11)

The Bidder to whom award is made must make a down payment within 21 days of the sale award. The amount of the down payment will be calculated as shown in the Bond and Payment Schedule of this prospectus. Only cash may be used to meet this requirement.

8. Performance Security (1/11)

As guarantee of faithful performance, a cash bond, certificate of deposit, surety bond or irrevocable letter of credit (LOC) is required within 21 days of the sale award. The amount of the performance security is shown in the Bond and

Payment Schedule of this prospectus. If an LOC or surety is used, the coverage must extend for at least 6 months beyond the contract expiration.

9. Timber Sale Contract (9/14)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at www.michigan.gov/timber. Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 1 year. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the expiration date.

10. Disclaimer of Estimates and Bidder's Warranty of Inspection (7/16)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery. No reliance should be placed on the State of Michigan's estimates of timber quality, quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

11. Certification and Chain-of-Custody (10/14)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate # NSF-SFIS-5Y031-SF5. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

12. Good Neighbor Authority (GNA) Requirements (7/16)

If the name of this timber sales contains the acronym GNA, it is authorized by the Good Neighbor Authority (GNA) and covered by various agreements between the U.S. Forest Service and the State. The timber sale occurs on federal land and the following conditions apply:

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

13. Good Neighbor Authority (GNA) Requirements, con't (9/16)

Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.

d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this requirement, in whole or in part, shall submit an explanation with their bid.

KEITH CREAGH

Director

TIMBER SALE INFORMATION

Shin Buster (12-066-17)

Iron County (Advertised Price \$70,070.00)

SALE NOTE: The sale area received heavy storm damage in April 2017. This area also has extremely limited road access. Fairly extensive road construction may be required. In addition any new roads built into the sale area are required to be obliterated. Prospective bidders are encouraged to evaluate the sale area and sale requirements closely.

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

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Maple	19.10 MBF	\$ 154.00 / MBF
Pulpwood		
Balsam Fir	177.00 Cords	\$ 14.05 / Cord
Paper Birch	122.00 Cords	\$ 17.05 / Cord
Quaking Aspen	1,523.00 Cords	\$ 25.80 / Cord
Red Maple	914.00 Cords	\$ 18.80 / Cord
White Spruce	339.00 Cords	\$ 17.95 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 9.72 percent. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$3,504.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2020.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir Quaking Aspen Red Maple White Spruce	Pulpwood	25.0 647.0 120.0 45.0	Cords Cords Cords Cords	90.9	\$20,107.60
2	Red Maple Balsam Fir Paper Birch Quaking Aspen Red Maple White Spruce	Sawtimber Pulpwood	2.2 18.0 14.0 102.0 92.0 34.0	MBF Cords Cords Cords Cords Cords	15.8	\$5,801.90
3	Red Maple Balsam Fir Paper Birch Quaking Aspen Red Maple White Spruce	Sawtimber Pulpwood	1.8 14.0 12.0 83.0 75.0 28.0	MBF Cords Cords Cords Cords Cords	12.9	\$4,732.50
4	Red Maple Balsam Fir Paper Birch Quaking Aspen Red Maple White Spruce	Sawtimber Pulpwood	3.8 30.0 23.0 172.0 157.0 58.0	MBF Cords Cords Cords Cords Cords	26.7	\$9,829.15
5	Red Maple Balsam Fir Paper Birch Quaking Aspen Red Maple White Spruce	Sawtimber Pulpwood	3.2 25.0 20.0 146.0 132.0 49.0	MBF Cords Cords Cords Cords Cords	22.6	\$8,313.00
6	Red Maple Balsam Fir Paper Birch Quaking Aspen Red Maple White Spruce	Sawtimber Pulpwood	3.3 26.0 21.0 150.0 136.0 50.0	MBF Cords Cords Cords Cords Cords	23.3	\$8,555.85
7	Red Maple Balsam Fir Paper Birch Quaking Aspen Red Maple White Spruce	Sawtimber Pulpwood	2.7 22.0 18.0 126.0 114.0 42.0	MBF Cords Cords Cords Cords Cords	19.5	\$7,179.70
8	Red Maple Balsam Fir Paper Birch Quaking Aspen Red Maple White Spruce	Sawtimber Pulpwood	2.1 17.0 14.0 97.0 88.0 33.0	MBF Cords Cords Cords Cords Cords	15.1	\$5,550.30
TOTAL:			19.1	MBF		
TOTAL:			3,075.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Shin Buster

Sale Number: 12-066-17 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

Timber sale boundary lines against private property are marked with blue paint. Timber sale boundary lines against state land are marked with double red paint dots. Interior Payment Unit boundaries are marked with double red paint slashes. Trees marked with red paint slashes designating an Interior Payment Unit boundary may only be cut if the tree is a designated cut species and the adjacent Payments Unit has been paid for.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 - 8, cut all aspen, mixed hardwood, white birch, spruce, tamarack, and balsam fir trees which meet minimum piece specifications in 2.2 Utilization (one 100" stick with a 4.5" diameter top and larger). Do not cut trees marked with green paint, yellow birch, elm, or oak

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 DBH and 4 inches for trees smaller than 10 inches DBH. An exception for windthrown trees may be permitted.

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

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Supplement.

3.4 - Damaged Timber

3.4.1 - Damaged timber (6/14)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. Extreme care should be taken to avoid damage to tree seedlings and saplings. There are areas with advanced aspen and maple regeneration. This regeneration should be protected as much as possible and not operated through.

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. 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)

All new roads built into the sale must be blocked to vehicle traffic within 60 days of the sale expiration. Overgrown roads that

are reopened shall be considered new roads. 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. Depending on the access route, there may be extensive road closure work on this timber sale.

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

4.4.2 - Alternate route on private property (2/04)

It is the Purchaser's responsibility to obtain access across private land for any routes other than the route shown on the sale map.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash may exceed 36 inches in height.

5.2.1.11 - Slash for reforestation (5/07)

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 - 8, unless changed by written agreement, cutting, skidding, and hauling are not permitted from March 1 to May 15. This restriction is to avoid damage to forest roads and soil rutting during spring break up conditions. If prolonged wet weather conditions occur throughout the operating season, the sale administrator may suspend operations until favorable weather and ground conditions are present.

5.2.38 - 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)

Portions of the New DNR Road in the sale vicinity 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 road maintenance/restoration must be done prior to December 1. If the road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. No decking of forest products will be permitted along the snowmobile trail from December 1 to April 1. Please contact the Chippewa SnowCats @ 906-265-7185 prior to starting operations.

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

6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail, located on the New DNR Road, prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances designated by the sale administrator to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

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

Forest Management Unit Crystal Falls		County Iron	Mapped By Rice	Date 7/18/17	Page 1	of 1
Township 45N	Range 31W	Section(s) and Subdivision(s) sec 8 SE1/4, S1/2NE, E1/2SW sec 16 N1/2NW, SWNW sec 17 NE1/4, NENW		Scale 4 inches = 1 mile		

Cover Type

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Tread Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

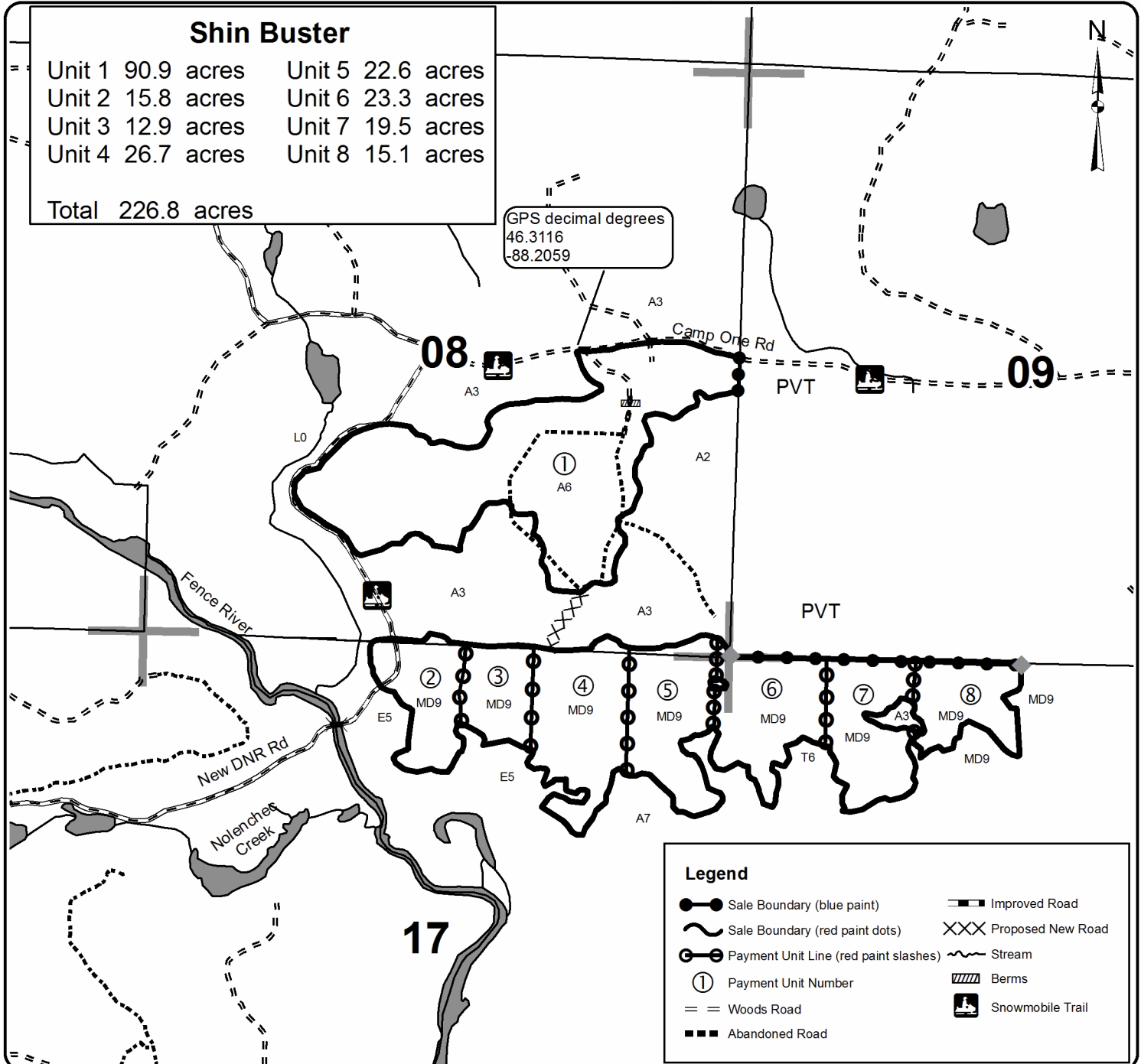
Density

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

Shin Buster

Unit 1 90.9 acres	Unit 5 22.6 acres
Unit 2 15.8 acres	Unit 6 23.3 acres
Unit 3 12.9 acres	Unit 7 19.5 acres
Unit 4 26.7 acres	Unit 8 15.1 acres
Total 226.8 acres	

GPS decimal degrees
46.3116
-88.2059



TIMBER SALE INFORMATION

Hardwood Lake Salvage (12-068-17)

Iron County (Advertised Price \$44,134.95)

SALE NOTE: The sale area received heavy storm damage in April 2017. In addition, the eastern units have areas of steep ridges/slope.

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

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	2.70 MBF	\$ 165.00 / MBF
Red Maple	1.90 MBF	\$ 154.00 / MBF
Sugar Maple	31.40 MBF	\$ 312.00 / MBF
Pulpwood		
Balsam Fir	11.00 Cords	\$ 14.05 / Cord
Basswood	14.00 Cords	\$ 8.65 / Cord
Mixed Hardwood	313.00 Cords	\$ 18.80 / Cord
Quaking Aspen	1,058.00 Cords	\$ 25.80 / Cord
White Spruce	8.00 Cords	\$ 17.95 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.53 percent. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$2,207.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2020.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	3.0	Cords	20.6	\$5,529.65
	Mixed Hardwood		21.0	Cords		
	<i>Red Maple</i>		16.0	<i>Cords</i>		
	<i>Sugar Maple</i>		5.0	<i>Cords</i>		
	Quaking Aspen		196.0	Cords		
	White Spruce		2.0	Cords		
	2		Basswood	Sawtimber		
Red Maple		0.5	MBF			
Sugar Maple		26.6	MBF			
Basswood		Pulpwood	14.0	Cords		
Mixed Hardwood			123.0	Cords		
<i>Red Maple</i>			2.0	<i>Cords</i>		
<i>Sugar Maple</i>			121.0	<i>Cords</i>		
3			Red Maple	Sawtimber	1.1	MBF
	Sugar Maple	3.6	MBF			
	Balsam Fir	Pulpwood	4.0	Cords		
	Mixed Hardwood		93.0	Cords		
	<i>Paper Birch</i>		4.0	<i>Cords</i>		
	<i>Red Maple</i>		23.0	<i>Cords</i>		
	<i>Sugar Maple</i>		66.0	<i>Cords</i>		
	Quaking Aspen		431.0	Cords		
	White Spruce		3.0	Cords		
	4		Red Maple	Sawtimber	0.3	MBF
Sugar Maple		1.2	MBF			
Balsam Fir		Pulpwood	4.0	Cords		
Mixed Hardwood			76.0	Cords		
<i>Paper Birch</i>			3.0	<i>Cords</i>		
<i>Red Maple</i>			22.0	<i>Cords</i>		
<i>Sugar Maple</i>			51.0	<i>Cords</i>		
Quaking Aspen			431.0	Cords		
White Spruce			3.0	Cords		
TOTAL:			36.0	MBF		
TOTAL:			1,404.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Hardwood Lake Salvage

Sale Number: 12-068-17 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

Timber sale boundary lines against private property are marked with blue paint. Sale boundary lines against state land are marked with red paint dots. Interior Payment Unit boundaries between Payment Units 1 - 2 and between Units 3 - 3A are marked with double red paint slashes. The Payment Unit boundary between Units 3 and 4 is the road, as shown on the Timber Sale Map. Trees marked with red paint slashes designating an Interior Payment Unit boundary may only be cut if the tree is a designated cut species.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, 3 and 4, cut all aspen, mixed hardwood, balsam fir and spruce trees which meet minimum piece specifications in 2.2 Utilization (one 100" stick with a 4.5" diameter top and larger). Do not cut trees marked with green paint, elm, oak, yellow birch, or cherry.

Within Payment Unit(s) 2, all wind thrown trees are designated for cutting. In addition, snapped off trees that are marked by the sale administrator are also designated for cutting.

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

Within Payment Unit(s) 3A, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, cut all aspen, balsam, balsam fir and spruce which meet minimum piece specifications in 2.2 Utilization (one 100" stick with a 4.5" top and larger). This Unit is a specific cutting unit only. For payment purposes it is part of Payment Unit 3.

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 DBH and 4 inches for trees smaller than 10 inches DBH. An exception for windthrown trees may be permitted.

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 (6/14)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. There are areas with advanced maple regeneration throughout the timber sale. Within Payment Units 2 and 3A, no damage is acceptable to residual, merchantable trees. If more than 5% of trees (> 4.5" DBH) within a specified area are damaged, liquidated damages will be assessed for all trees damaged.

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. Stumps shall be set upright, not left on edge, and be moved at least 20 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)

Any overgrown roads that are reopened for sale access 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. Existing overgrown roads may be opened up 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 and obtaining any necessary road use agreement is the responsibility of the Purchaser. GMO is the landowner immediately west of the sale area. If roads through their lands are used to access Payment Unit 1, GMO must be notified and any road use agreement obtained before operations begin.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash may exceed 36 inches in height.

5.2.1.11 - Slash for reforestation (5/07)

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 - 4, unless changed by written agreement, cutting, skidding, and hauling are not permitted from March 1 to May 30. This restriction is to avoid spring break up conditions and damage to forest roads. If prolonged wet weather conditions occur throughout the operating season, the sale administrator may suspend operations until favorable weather and ground conditions are present.

5.2.41 - Snowmobile trail protection (9/11)

The woods road through the sale area and New DNR Road are part of 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 road maintenance/restoration must be done prior to December 1. If the roads are to be used for hauling during the snowmobile season (December 1 - April 1) a snow covered base must be left on the trail. Maintain a 20 foot wide slash, debris, and rut free zone daily using the roads as the centerline. No decking of forest products will be permitted along the snowmobile trail during the snowmobile season. All stumps within 20 feet of the snowmobile trail must be cut at ground level. The snowmobile trail is maintained by the Chippewa Sno-Kats, and the contact can be reached at 906-265-7185.

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.

5.4.4 - Slope protection (5/15)

Skid trails and roads on slopes shall be water barred with slash, stumps, and/or clean straw bales native to the area as soon as use is complete to prevent erosion.

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

6.2.2 - Snowmobile trail posting (8/09)

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



TIMBER SALE MAP

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

Forest Management Unit Crystal Falls		County Iron	Mapped By Rice	Date 07/21/17	Page 1	of 1
		Cruised By Rice				
Township 45N	Range 31W	Section(s) and Subdivision(s) sec 7 S1/2SW,SWSE sec 18 NE1/4, N1/2NW,SE1/4		Scale 4 inches = 1 mile		

Cover Type

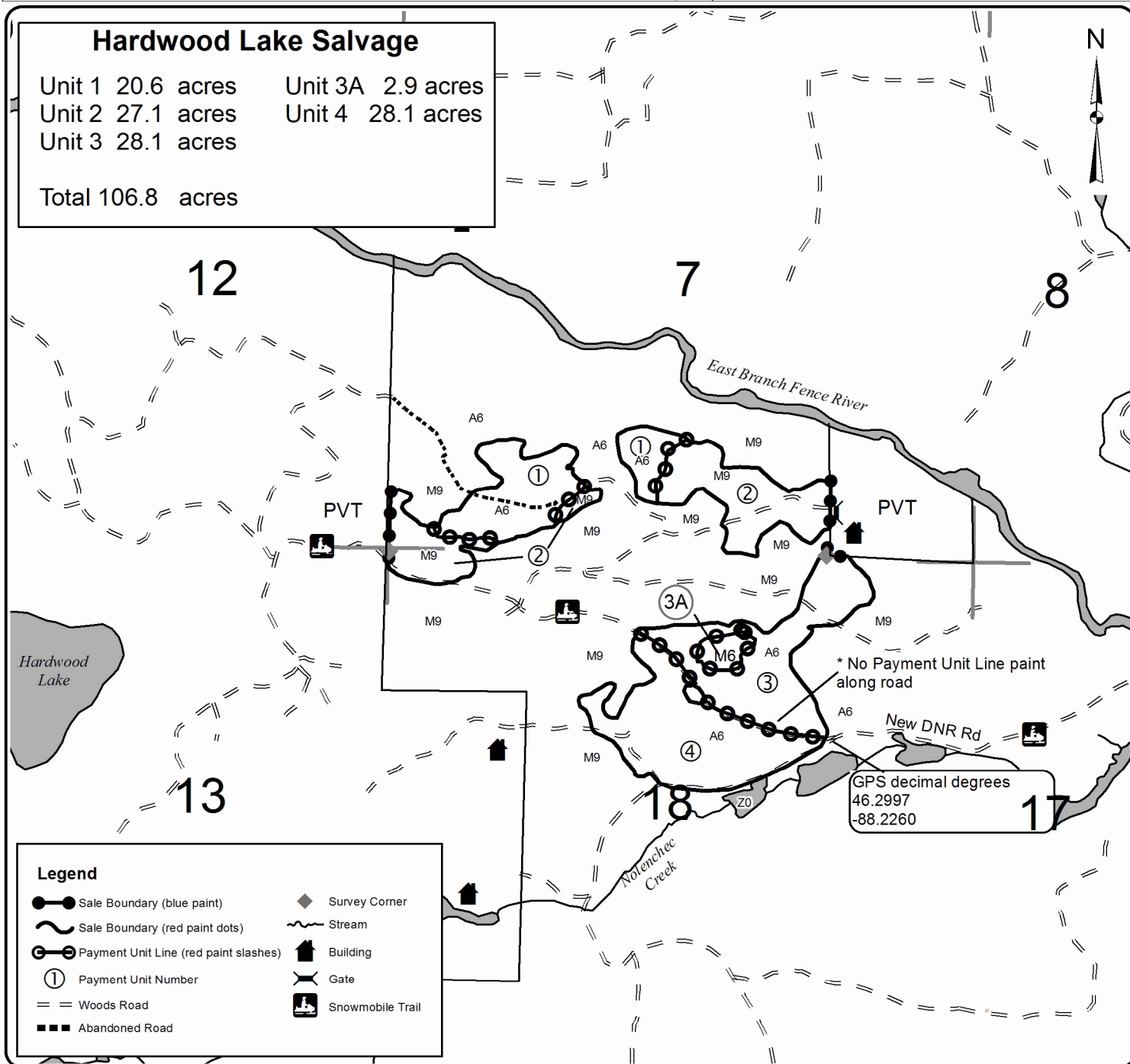
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
L = Lowland Brush	LM = Lowland Mixed	P = Lowland Poplar	V = Bog or Marsh
C = Cedar	M = Mpl, Bch, Brch	Q = Mixed Swamp Conifer	W = White Pine
D = Treed Bog	MC = Mixed Conifer	R = Red Pine	X = Non Stocked
E = Swamp Hdwoods	MD = Mixed Deciduous	S = Black Spruce	Z = Water
F = Spruce Fir		T = Tamarack	
G = Grass			

Density

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

Hardwood Lake Salvage

Unit 1 20.6 acres	Unit 3A 2.9 acres
Unit 2 27.1 acres	Unit 4 28.1 acres
Unit 3 28.1 acres	
Total 106.8 acres	



Legend

Sale Boundary (blue paint)	Survey Corner
Sale Boundary (red paint dots)	Stream
Payment Unit Line (red paint slashes)	Building
Payment Unit Number	Gate
Woods Road	Snowmobile Trail
Abandoned Road	

Shin Buster (12-066-17)
 ; Iron COUNTY

In response to the notice of sale to be held 8:30 a.m. (local time) on August 24, 2017, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE</u>
Sawtimber			
Red Maple	19.10 MBF	\$ 154.00/MBF	\$ _____
Pulpwood			
Balsam Fir	177.00 Cords	\$ 14.05/Cord	\$ _____
Paper Birch	122.00 Cords	\$ 17.05/Cord	\$ _____
Quaking Aspen	1,523.00 Cords	\$ 25.80/Cord	\$ _____
Red Maple	914.00 Cords	\$ 18.80/Cord	\$ _____
White Spruce	339.00 Cords	\$ 17.95/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 9.72 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____
 Company or individual bidding: _____
 Company representative's name: _____
 Address: _____
 City: _____ State: _____ Zip: _____

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

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

Phone number : _____ Email (optional): _____

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



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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

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

Hardwood Lake Salvage (12-068-17)
 ; Iron COUNTY

In response to the notice of sale to be held 8:30 a.m. (local time) on August 24, 2017, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE</u>
Sawtimber			
Basswood	2.70 MBF	\$ 165.00/MBF	\$ _____
Red Maple	1.90 MBF	\$ 154.00/MBF	\$ _____
Sugar Maple	31.40 MBF	\$ 312.00/MBF	\$ _____
Pulpwood			
Balsam Fir	11.00 Cords	\$ 14.05/Cord	\$ _____
Basswood	14.00 Cords	\$ 8.65/Cord	\$ _____
Mixed Hardwood	313.00 Cords	\$ 18.80/Cord	\$ _____
Quaking Aspen	1,058.00 Cords	\$ 25.80/Cord	\$ _____
White Spruce	8.00 Cords	\$ 17.95/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 12.53 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____
 Company or individual bidding: _____
 Company representative's name: _____
 Address: _____
 City: _____ State: _____ Zip: _____

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

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

Phone number : _____ Email (optional): _____

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



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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation

2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.

3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

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