

### DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

#### **TIMBER SALE PROSPECTUS #6906**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on November 4, 2021. LOCATION: BARAGA MGMT UNIT, 427 US 41 NORTH, BARAGA, MI 49908.

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

Point Abbaye Hardwoods (11-002-22) / T53N, R30W, SEC. 30, SESW,N1/2SE,SWSE.

T53N, R30W, SEC. 31, NENW.

Baraga County, Advertised Price \$12,951.25, 77.3 Acres, Hardwood, Sugar Maple.

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

Couch King Hardwoods (11-003-21) / T48N, R32W, SEC. 24, SWSW.

T48N, R32W, SEC. 26, NWNW, S1/2NW, NENE, S1/2NE, SW, SE.

T48N, R32W, SEC. 27, E1/2NE, E1/2SE.

Baraga County, Advertised Price \$56,533.70, 319.5 Acres, Spruce/Fir/Tamarack, Hardwood.

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

Access may be through private land.

Moose Mountain (11-022-21) / T48N, R31W, SEC. 10, W1/2SW.

T48N, R31W, SEC. 15, W1/2NW, NWSW.

Baraga County, Advertised Price \$18,587.90, 80.3 Acres, Hardwood, 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.

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

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

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

Bids must be received by the Unit Manager, BARAGA OFFICE, 427 US 41 North, Baraga, MI 49908, no later than 9:00 a.m. (local time) on November 4, 2021. For further information concerning this sale, contact Brad Carlson at 906-353-6651.

#### 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

Point Abbaye Hardwoods (11-002-22) T53N, R30W, SEC. 30; T53N, R30W, SEC. 31. Baraga County (Advertised Price \$12,951.25)

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

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

PRODUCTS & SPECIES	ESTIMATED UNITS*		<u>ADVI</u>	ADVERTISED PRICE	
Sawtimber					
Paper Birch	1.7	MBF	\$	24.00 / MBF	
Red Maple	92.4	MBF	\$	61.00 / MBF	
Sugar Maple	34.8	MBF	\$	154.00 / MBF	
Yellow Birch	1.6	MBF	\$	30.00 / MBF	
Pulpwood					
Mixed Hardwood	438	Cords	\$	4.05 / Cord	
Paper Birch	22	Cords	\$	3.05 / Cord	
White Spruce	11	Cords	\$	2.35 / Cord	

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 9.84 percent. There are an estimated 810 cords on this timber sale, plus or minus 80 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### **BOND AND PAYMENT SCHEDULE:**

- 1. A bond in the amount of \$1,000.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule:
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The 10% down payment will be credited towards the first unit cut.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER PERCENT OF TOTAL SALE VALUE 57.6%

02 42.4%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2025.

#### **SALE STATISTICS**

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

#### **SALE VOLUMES**

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

VOLUME		VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM			
64,029	810	9.84%	731	890		

#### **VDU VOLUMES**

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

	VOLUME			RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	38,600	489	12.46%	428	550
2	19,134	242	15.88%	204	281
TOTAL:	57,734	731		631	830

#### **VDU TO PAYMENT UNIT**

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

VDU	VDU ACRES	PU	PU ACRES
1	44.9	1	44.9
2	32.4	2	32.4
TOTAL:	77.3		77.3

#### **DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)**

DII	MARKET CROUR	DRODUCT	OLIANITITY	LINIT	ACDEC	ADVEDTICE DDICE
PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Paper Birch	Sawtimber	1.7	MBF	44.9	\$7,457.90
	Red Maple		55.0	MBF		
	Sugar Maple		17.7	MBF		
	Mixed Hardwood	Pulpwood	307	Cords		
	Red Maple		204	Cords		
	Sugar Maple		78	Cords		
	Yellow Birch		25	Cords		
	Paper Birch		22	Cords		
	White Spruce		11	Cords		
2	Red Maple	Sawtimber	37.4	MBF	32.4	\$5,493.35
	Sugar Maple		17.1	MBF		
	Yellow Birch		1.6	MBF		
	Mixed Hardwood	Pulpwood	131	Cords		
	Red Maple		89	Cords		
	Sugar Maple		36	Cords		
	Yellow Birch		6	Cords		
		TOTAL:	130.5	MBF		
		TOTAL:	471	Cords		

#### Sale Specific Conditions & Requirements

Sale Name: Point Abbaye Hardwoods Sale Number: 11-002-22 Seq#: 1

#### 1 - Sale Area

#### 1.2 - Boundaries

#### 1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. 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 red paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Red 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

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

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

#### 2.2 - Utilization

#### 2.2.3 - Stump heights (4/07)

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

#### 2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible unless approved by the Unit Manager or his/her representative. If at any point damage exceeds specification 3.4.1, all the remaining wood must be skid in lengths less than 17 feet.

#### 2.2.8 - Utilization and removal (5/14)

All products meeting standards set forth in General Condition and Requirement 2.2 - Utilization must be removed from the Sale Area. This is because excessive woody debris inhibits regeneration.

#### 2.3 - Log Rule

#### 2.3.1 - Log rule (12/08)

All board foot volumes of sawlog size products in this contract have been determined by the Scribner Decimal C Log Rule.

#### 3 - Payments

#### 3.4 - Damaged Timber

#### 3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

#### 4 - Transportation

#### 4.1 - Construction

#### 4.1.1 - Stream crossings, general (3/11)

All stream crossing structures will be temporary and therefore, shall be provided by the Purchaser, and must be removed upon completion of the sale. All permits for stream crossings will be provided by the DNR for crossing located on state land.

#### 4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the sale administrator, and they shall be installed prior to hauling. The culverts

shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 12 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the sale administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR for crossing located on state land.

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

#### 4.1.7 - Road closure (10/11)

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

#### 4.2 - Maintenance

#### 4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

#### 4.3 - Public Right-of-Way

#### 4.3.2 - County R-O-W (12/06)

The county must be contacted prior to crossing or harvesting in the county road R-O-W. This applies to Payment Units 1 and 2 and County Road Point Abbaye Road.

#### 4.4 - Access

#### 4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Access across private is not mandatory but may be the best option for accessing parts of Payment Unit 1. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

#### 5 - Operations

#### 5.2 - Conduct of Operations

#### 5.2.2 - Hazard Trees/Snags

#### 5.2.2.1 - Den trees (10/16)

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

#### 5.2.3 - Operating Restrictions

#### 5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1 and 2, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of December 1 to March 31. This restriction is because the sale is located within a Deer Wintering Complex.

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

Top soil on new landings and new roads must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation. In addition, the area must be seeded and mulched per instructions of the sale administrator.

#### 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.

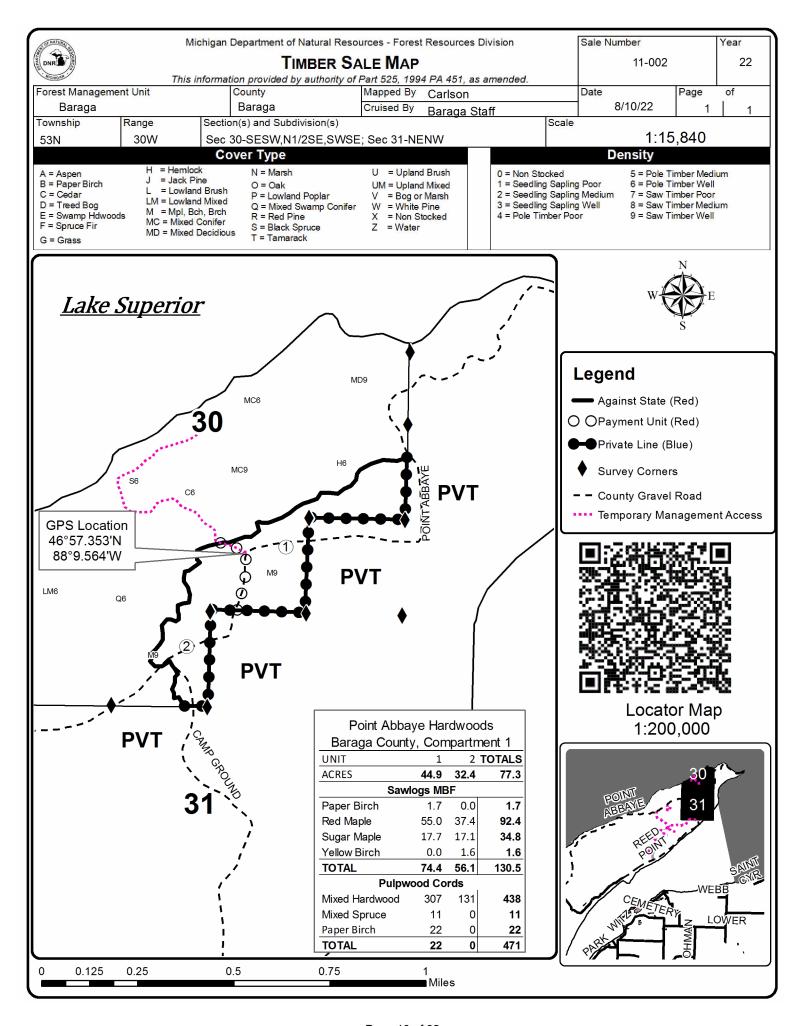
#### 6 - Safety and Fire Prevention

#### 6.2 - Signing

#### 6.2.1 - Road posting (10/20)

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

Section Name: Sale Specific Current as of 9/23/2021 2:50:11PM



#### TIMBER SALE INFORMATION

Couch King Hardwoods (11-003-21)
T48N, R32W, SEC. 24; T48N, R32W, SEC. 26; T48N, R32W, SEC. 27.

Baraga County (Advertised Price \$56,533.70)

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

Access may be through private land.

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

PRODUCTS & SPECIES	<b>ESTIMATE</b>	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Basswood	4.8	MBF	\$	27.00 / MBF
Black Ash	1.9	MBF	\$	17.00 / MBF
Paper Birch	65.7	MBF	\$	24.00 / MBF
Red Maple	55.8	MBF	\$	61.00 / MBF
Sugar Maple	214.9	MBF	\$	154.00 / MBF
Yellow Birch	5.1	MBF	\$	30.00 / MBF
Pulpwood				
Balsam Fir	534	Cords	\$	1.90 / Cord
Basswood	5	Cords	\$	2.95 / Cord
Mixed Hardwood	2,070	Cords	\$	4.05 / Cord
Mixed Spruce	783	Cords	\$	2.35 / Cord
Paper Birch	720	Cords	\$	3.05 / Cord
Quaking Aspen	46	Cords	\$	10.00 / Cord
Tamarack	901	Cords	\$	4.70 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 4.06 percent. There are an estimated 5,990 cords on this timber sale, plus or minus 244 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### **BOND AND PAYMENT SCHEDULE:**

- 1. A bond in the amount of \$5,000.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule:
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The 10% down payment will be credited towards the first unit cut.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	16.7%
02	6.6%
03	8.3%
04	9.9%
05	24.5%
06	14.4%
07	13.3%
08	3.4%
09	2.9%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2025.

#### **SALE STATISTICS**

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

#### **SALE VOLUMES**

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

VOL	UME		STATISTICAL RA	ANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM		
473,228	5,990	4.06%	5,747	6,234	

#### **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
6	51,500	652	10.27%	585	719
16	60,342	764	13.34%	662	866
57	45,316	574	9.92%	517	631
66	37,741	478	10.53%	427	528
70	11,835	150	13.17%	130	170
71	100,344	1,270	11.09%	1,129	1,411
74	8,435	107	19.82%	86	128
78	90,043	1,140	6.30%	1,068	1,212
80	8,859	112	9.79%	101	123
104	40,348	511	18.34%	417	604
TOTAL:	454,763	5,756		5,122	6,391

#### **VDU TO PAYMENT UNIT**

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

VDU	VDU ACRES	PU	PU ACRES
6	21.1	2	21.1
16	26.4	3	26.4
57	19.6	1	19.6
66	14.7	1	14.7
70	5.6	2	5.6
71	54.3	4	54.3
74	12.9	9	12.9
78	128.1	5	60.1
		6	35.4
		7	32.6
80	15.0	8	15.0
104	21.8	3	21.8
TOTAL:	319.5		319.5

#### **DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Ash	Sawtimber	1.9	MBF	34.3	\$9,463.45
	Paper Birch		4.6	MBF		
	Red Maple Sugar Maple		24.6	MBF		
			28.7	MBF		
	Yellow Birch		4.4	MBF		
	Balsam Fir	Pulpwood	131	Cords		
	Mixed Hardwood		644	Cords		
	Black Ash		24	Cords		
	Red Maple		280	Cords		
	Sugar Maple		218	Cords		
	Yellow Birch		122	Cords		
	Mixed Spruce		53	Cords		
	Black Spruce		13	Cords		
	White Spruce		40	Cords		
	Paper Birch		94	Cords		
2	Paper Birch	Sawtimber	25.2	MBF	26.7	\$3,747.50
	Red Maple		4.7	MBF		
	Sugar Maple		3.9	MBF		
	Balsam Fir	Pulpwood	138	Cords		
	Mixed Hardwood		109	Cords		
	Red Maple		39	Cords		
	Sugar Maple		57	Cords		
	Yellow Birch		13	Cords		
	Mixed Spruce		124	Cords		
	Black Spruce		117	Cords		
	White Spruce		7	Cords		
	Paper Birch		273	Cords		
	Tamarack		91	Cords		
3	Paper Birch	Sawtimber	12.8	MBF	48.2	\$4,703.80
	Balsam Fir	Pulpwood	114	Cords		, ,
	Mixed Hardwood	'	77	Cords		
	Red Maple		77	Cords		
	Mixed Spruce		411	Cords		
	Black Spruce		397	Cords		
	White Spruce		14	Cords		
	Paper Birch		84	Cords		
	Tamarack		563	Cords		
4	Paper Birch	Sawtimber	22.2	MBF	54.3	\$5,617.20
•	Red Maple	Cawanibon	10.8	MBF	01.0	φο,σ 17.20
	Balsam Fir	Pulpwood	148	Cords		
	Mixed Hardwood	l ulpwood	331	Cords		
	Red Maple		331	Cords		
	Mixed Spruce		188	Cords		
	Black Spruce		188	Cords		
	Paper Birch		243	Cords		
	Quaking Aspen		46	Cords		
	Tamarack		247	Cords		
		Courtimbor			60.1	¢12 002 05
5	Basswood	Sawtimber	2.3 6.7	MBF MBE	00.1	\$13,803.95
	Red Maple			MBF MBE		
	Sugar Maple	Buloweed	77.1	MBF		
	Basswood	Pulpwood	3	Cords		
	Mixed Hardwood		355	Cords		
	Red Maple		53	Cords		
	Sugar Maple		300	Cords		
	Yellow Birch		2	Cords		
	Mixed Spruce	l	3	Cords	i	i

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	White Spruce	Pulpwood	3	Cords		
	Paper Birch		2	Cords		
6	Basswood	Sawtimber	1.3	MBF	35.4	\$8,143.25
	Red Maple		4.0	MBF		
	Sugar Maple		45.5	MBF		
	Basswood	Pulpwood	1	Cords		
	Mixed Hardwood		209	Cords		
	Red Maple		31	Cords		
	Sugar Maple		177	Cords		
	Yellow Birch		1	Cords		
	Mixed Spruce		2	Cords		
	White Spruce		2	Cords		
	Paper Birch		1	Cords		
7	Basswood	Sawtimber	1.2	MBF	32.6	\$7,496.95
	Red Maple		3.6	MBF		
	Sugar Maple		41.9	MBF		
	Basswood	Pulpwood	1	Cords		
	Mixed Hardwood		193	Cords		
	Red Maple		29	Cords		
	Sugar Maple		163	Cords		
	Yellow Birch		1	Cords		
	Mixed Spruce		2	Cords		
	White Spruce		2	Cords		
	Paper Birch		1	Cords		
8	Red Maple	Sawtimber	1.4	MBF	15.0	\$1,924.80
	Sugar Maple		9.6	MBF		
	Yellow Birch		0.4	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Hardwood		81	Cords		
	Red Maple		34	Cords		
	Sugar Maple		45	Cords		
	Yellow Birch		2	Cords		
	Paper Birch		5	Cords		
9	Paper Birch	Sawtimber	0.9	MBF	12.9	\$1,632.8
	Sugar Maple		8.2	MBF		
	Yellow Birch		0.3	MBF		
	Mixed Hardwood	Pulpwood	71	Cords		
	Red Maple		28	Cords		
	Sugar Maple		37	Cords		
	Yellow Birch		6	Cords		
	Paper Birch		17	Cords		
		TOTAL:	348.2	MBF		
		TOTAL:	5,059	Cords		

#### Sale Specific Conditions & Requirements

Sale Name: Couch King Hardwoods Sale Number: 11-003-21 Seq#: 1

#### 1 - Sale Area

#### 1.2 - Boundaries

#### 1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. 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 red paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Red 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 four (4) inches or more at DBH, except hemlock, black cherry, cedar, oak, white pine, and red pine species. Additionally, all white birch stems ringed in blue are non-harvest stems left for seed tree retention.

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

Within Payment Unit(s) 5-9, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

#### 2.2 - Utilization

#### 2.2.1 - Utilization (2/04)

All listed board foot volumes of sawlog size products in this contract have been determined using a top diameter inside bark of 10 inches.

#### 2.2.7 - Uncut designated trees (2/04)

Liquidated damages of \$10.00 per tree will be assessed for every marked tree not cut.

#### 2.2.8 - Utilization and removal (5/14)

All products meeting standards set forth in General Condition and Requirement 2.2 - Utilization must be removed from the Sale Area. This is because excessive woody debris will inhibit regeneration.

#### 3 - Payments

#### 3.4 - Damaged Timber

#### 3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

#### 4 - Transportation

#### 4.1 - Construction

#### 4.1.1 - Stream crossings, general (3/11)

All stream crossing structures will be temporary and therefore, shall be provided by the Purchaser, and must be removed upon completion of the sale. All permits for stream crossings will be provided by the DNR for crossings located on state land.

#### 4.1.3 - Slash and earthen piles (8/04)

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

#### 4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the sale administrator, and they shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 12 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the sale administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR for crossings located on state land.

#### 4.1.6 - Road construction (1/09)

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

#### 4.1.7 - Road closure (10/11)

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

#### 4.2 - Maintenance

#### 4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

#### 4.2.4 - Grading (10/16)

In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning, and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

#### 4.4 - Access

#### 4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

#### 5 - Operations

#### 5.1 - Notification

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

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the gas pipeline R.O.W. for operations. Contact Daniel Gorman with Northern Natural Gas at (651) 497-5805.

#### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

#### 5.2.1.11 - Slash for reforestation (3/21)

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

#### 5.2.2 - Hazard Trees/Snags

#### 5.2.2.1 - Den trees (10/16)

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

#### 5.2.3 - Operating Restrictions

#### 5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 1-9 all cleanup activities are to be completed by July 15 for the harvest areas that were completed during the previous harvest season. This restriction is to let the area revegetate before the dry season.

#### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 5-9, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

#### 5.2.22 - Operating Caution

#### 5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 2-4, cutting, skidding, and hauling occur during frozen winter conditions. The reason for the recommendation is because of wet soil types.

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

Top soil on landings and new roads must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation. In addition, the area must be seeded and mulched per instructions of the sale administrator.

#### 5.2.32 - Decking/landing restoration (9/13)

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

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

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

#### 5.4 - Soil Protection

#### 5.4.1 - Rutting restriction, general (7/16)

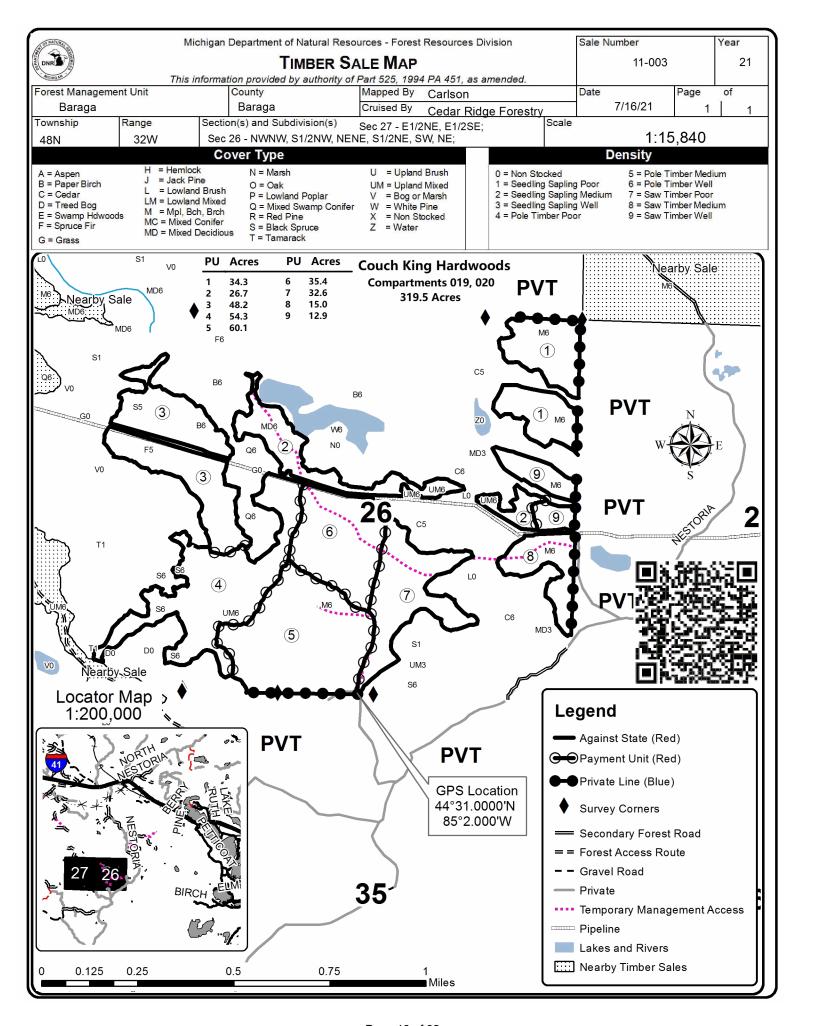
Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With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

#### 5.8 - Protection of Endangered Species

#### 5.8.5 - Protection of raptor nests (3/13)

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

Section Name: Sale Specific Current as of 9/24/2021 8:19:41AM



#### TIMBER SALE INFORMATION

Moose Mountain (11-022-21)
T48N, R31W, SEC. 10; T48N, R31W, SEC. 15.
Baraga County (Advertised Price \$18,587.90)

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

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

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

PRODUCTS & SPECIES	<b>ESTIMATE</b>	ED UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Black Ash	8.6	MBF	\$	17.00 / MBF
Paper Birch	8.6	MBF	\$	24.00 / MBF
Red Maple	28.9	MBF	\$	61.00 / MBF
Sugar Maple	41.5	MBF	\$	154.00 / MBF
Yellow Birch	12.8	MBF	\$	30.00 / MBF
Pulpwood				
Balsam Fir	51	Cords	\$	1.90 / Cord
Basswood	10	Cords	\$	2.95 / Cord
Mixed Aspen	289	Cords	\$	10.00 / Cord
Mixed Hardwood	1,501	Cords	\$	4.05 / Cord
Mixed Spruce	42	Cords	\$	2.35 / Cord
Paper Birch	165	Cords	\$	3.05 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 5.35 percent. There are an estimated 2,331 cords on this timber sale, plus or minus 125 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### **BOND AND PAYMENT SCHEDULE:**

- 1. A bond in the amount of \$1,500.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule:
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The 10% down payment will be credited towards the first unit cut.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER

01

57.8%

02

42.2%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2024.

#### **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
184,153	2,331	5.35%	2,206	2,456

#### **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.

	VOL	JME		RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	164,177	2,078	5.49%	1,964	2,192
2	13,992	177	22.02%	138	216
TOTAL:	178,169	2,255		2,102	2,408

#### **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:	80.3		80.3
2	6.1	2	6.1
		2	29.2
1	74.2	1	45.0
VDU	VDU ACRES	PU	PU ACRES

#### **DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Ash	Sawtimber	5.2	MBF	45.0	\$10,746.25
	Paper Birch		5.2	MBF		
	Red Maple		16.2	MBF		
	Sugar Maple		25.2	MBF		
	Yellow Birch		6.8	MBF		
	Balsam Fir	Pulpwood	27	Cords		
	Basswood		6	Cords		
	Mixed Aspen		171	Cords		
	B. T. Aspen		75	Cords		
	Quaking Aspen		96	Cords		
	Mixed Hardwood		825	Cords		
	Black Ash		49	Cords		
	Red Maple		280	Cords		
	Sugar Maple		358	Cords		
	Yellow Birch		138	Cords		
	Mixed Spruce		20	Cords		
	Black Spruce		10	Cords		
	White Spruce		10	Cords		
	Paper Birch		96	Cords		
2	Black Ash	Sawtimber	3.4	MBF	35.3	\$7,841.6
_	Paper Birch	Gavanison	3.4	MBF	00.0	ψ, , σ ι ι ι σ ι
	Red Maple		12.7	MBF		
	Sugar Maple		16.3	MBF		
	Yellow Birch		6.0	MBF		
	Balsam Fir	Pulpwood	24	Cords		
	Basswood	Taipwood	4	Cords		
	Mixed Aspen		118	Cords		
	B. T. Aspen		49	Cords		
	Quaking Aspen		69	Cords		
	Mixed Hardwood		676	Cords		
	Black Ash		31	Cords		
	Red Maple		269	Cords		
	Sugar Maple		209	Cords		
	Yellow Birch		105	Cords		
	Mixed Spruce		22	Cords		
	Black Spruce		7	Cords		
				Cords		
	White Spruce Paper Birch		15 69	Cords		
	Г гарег Біісп	<u> </u>	I		l	<u> </u>
		TOTAL:	100.4	MBF		
		TOTAL:	2,058	Cords		

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#### Sale Specific Conditions & Requirements

Sale Name: Moose Mountain Sale Number: 11-022-21 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 blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with red paint. Red 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

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

Within Payment Unit(s) 1 and 2, cut all trees which meet minimum piece specifications in 2.2 Utilization, except red maple, sugar maple, and yellow birch that are 22" or larger at DBH. Also retain all hemlock, oak, cedar, and white pine.

#### 2.2 - Utilization

#### 2.2.3 - Stump heights (4/07)

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

#### 2.3 - Log Rule

#### 2.3.1 - Log rule (12/08)

All board foot volumes of sawlog size products in this contract have been determined by the Scribner Decimal C Log Rule.

#### 3 - Payments

#### 3.4 - Damaged Timber

#### 3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

#### 4 - Transportation

#### 4.1 - Construction

#### 4.1.1 - Stream crossings, general (3/11)

All stream crossing structures will be temporary and therefore, shall be provided by the Purchaser, and must be removed upon completion of the sale. All permits for stream crossings will be provided by the DNR for crossing located on state owned land.

#### 4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the sale administrator, and they shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 12 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the sale administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR for crossings located on state owned land.

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

#### 4.1.7 - Road closure (10/11)

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

#### 4.2 - Maintenance

#### 4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

#### 4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

#### 4.4 - Access

#### 4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

#### 5 - Operations

#### 5.2 - Conduct of Operations

#### 5.2.2 - Hazard Trees/Snags

#### 5.2.2.1 - Den trees (10/16)

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

#### 5.2.3 - Operating Restrictions

#### 5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 1 and 2, unless changed by written agreement, all clean-up activities must be completed by 6/15 for areas that were harvested during previous operating season. This restriction is to allow the area to revegetate before the dry season.

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

Top soil on new landings and new roads must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation. In addition, the area must be seeded and mulched per instructions of the sale administrator.

#### 5.2.41 - Snowmobile trail protection (9/11)

Trail UP 8 is a snowmobile trail that may be use for hauling if the sale is accessed from the north. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. Hauling may only occur Monday thru Thursday during daylight hours. Western Upper Peninsula Trails Specialist, Jeff Kakuk, should be notified prior to the start of any harvest operations. Also, Baraga County Tourism, 906-524-7444, shall be contacted prior to harvesting to ensure proper signage is place along the shared portion of the trail. No decking of forest products will be permitted along the snowmobile trail.

#### 5.2.42 - Snowmobile trail re-route (12/08)

A portion of the North Nestoria road is a snowmobile trail. The Unit Manager or his/her representative must be notified in October preceding the winter in which harvesting is to occur, to allow time for the trail to be re-routed. A reroute of the snowmobile trail is possible if the sale is access from the North. If the sale is accessed from the south then a reroute will not be needed.

#### 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.

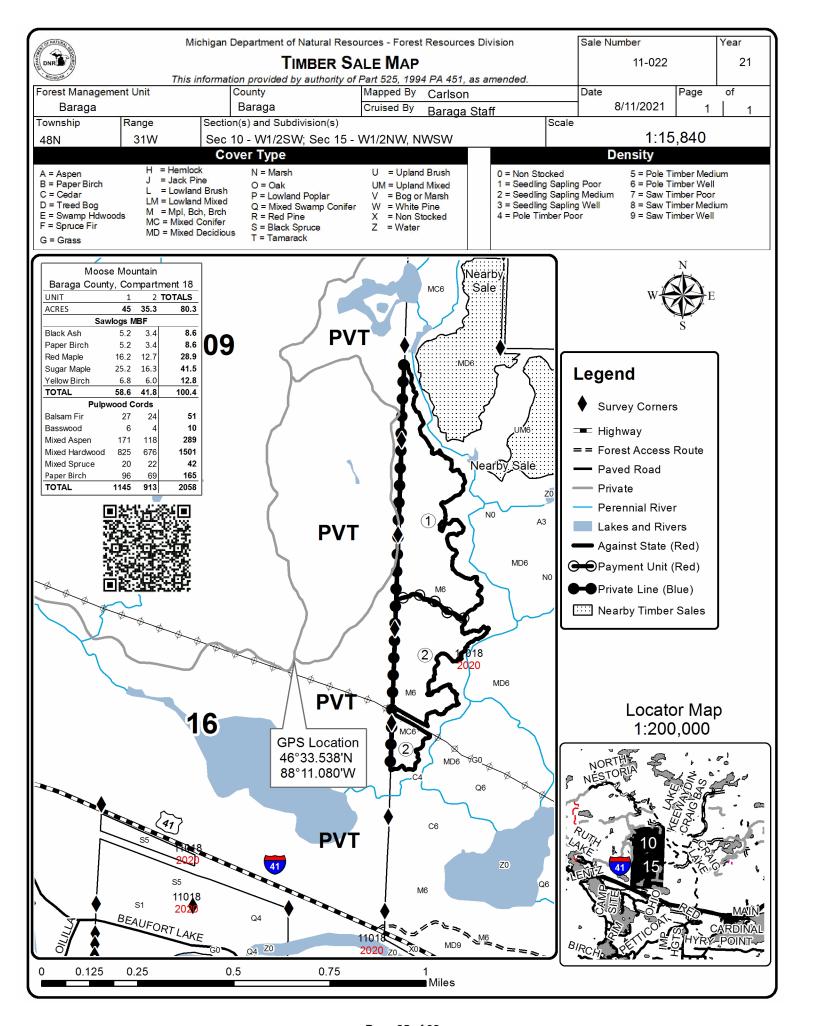
#### 6 - Safety and Fire Prevention

#### 6.2 - Signing

#### 6.2.1 - Road posting (10/20)

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

Section Name: Sale Specific Current as of 9/29/2021 8:59:53AM



#### BID FORM

BARAGA MANAGEMENT UNIT BARAGA OFFICE

#### Couch King Hardwoods (11-003-21)

T48N, R32W, SEC. 24; T48N, R32W, SEC. 26; T48N, R32W, SEC. 27; Baraga

In response to the notice of sale to be held 9:00 a.m. (local time) on November 4, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	ESTIMATED	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Basswood	4.8	MBF	\$	27.00/MBF	\$
Black Ash	1.9	MBF	\$	17.00/MBF	\$
Paper Birch	65.7	MBF	\$	24.00/MBF	\$
Red Maple	55.8	MBF	\$	61.00/MBF	\$
Sugar Maple	214.9	MBF	\$	154.00/MBF	\$
Yellow Birch	5.1	MBF	\$	30.00/MBF	\$
Pulpwood					
Balsam Fir	534	Cords	\$	1.90/Cord	\$
Basswood	5	Cords	\$	2.95/Cord	\$
Mixed Hardwood	2,070	Cords	\$	4.05/Cord	\$
Mixed Spruce	783	Cords	\$	2.35/Cord	\$
Paper Birch	720	Cords	\$	3.05/Cord	\$
Quaking Aspen	46	Cords	\$	10.00/Cord	\$
Tamarack	901	Cords	\$	4.70/Cord	\$
1					

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 4.06 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 S	SECURITY NUMBER:	:					
	Company or individual bi	dding:							
	Company representative's name:								
	Address:								
	City:	State:	Zip:						
F AVAIL	ABLE, PLEASE PLACE TH	IE PERSONALIZED LABEL FF	ROM YOUR PROSPE	ECTUS IN THE ABOVE BOX.					
ndividual	l or company representativ	re's signature :		Date:					
hone nu	ımber :	Em	nail (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.

Please Check Appropriate Categories:

# 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.

١.	A. Sole Proprietorship (individual)	check <u>one</u> of the	boxes b	eiow):		
	B. ☐ Partnership					
	C.  Corporation					
2.	You <b>must</b> check <u>one</u> of the boxes below	<b>:</b>				
	A.  I certify my business is a sole proprieto Worker's Compensation Laws.	orship and it has no	employe	es but the sole propri	etor. I am not subject to the	
	B. I certify my business has satisfied its o Exclusion (BWC-337, Rev. 5/96). I will questions or a copy of the BWC-337, p.	I provide a copy of	the Notic	e of Exclusion within	21 days of the contract award. (Fo	
	C.  I certify my business has a Worker's Conne (21) days of the contract award.	ompensation Policy	v. I will p	rovide an original Cer	tificate of Insurance within twenty	<b>'-</b>
3.	If you have checked item 2(A) or 2(B), yethan yourself, including family members					other
	Full-time Em	ployees			Part-time Employees	
Nan	me of Business		Federal	ID (or) Social Security N	lo.	
				,		
Add	dress		Telepho (	ne )		
City		State	ZIP			
	ereby certify that the above information is t factors affecting my coverage during any o				an DNR of any changes that c	ccur
5	Signature of Owner or Authorized Representative					
7	Title			Date		_
					· · · · · · · · · · · · · · · · · · ·	

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

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

#### **BID FORM**

BARAGA MANAGEMENT UNIT BARAGA OFFICE

#### Point Abbaye Hardwoods (11-002-22)

T53N, R30W, SEC. 30; T53N, R30W, SEC. 31; Baraga COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on November 4, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

BID PRICE/UNIT

\*The volumes are statistically estimated within plus (+) or minus (-) 9.84 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 AVAILA	ABLE, PLEASE PLACE THE PERSON	NALIZED LABEL FROM	YOUR PROSPECTUS I	N THE ABOVE BOX.					
Individual	ndividual or company representative's signature: Date:								
Phone nu	none number : Email (optional):								

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



#### Michigan Department of Natural Resources Forest Resources Division

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

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

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

#### **VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE**

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

•	In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.			
•	All Information must be typed or printed except for written sig	natures.		
Ple	Please Check Appropriate Categories:			
1.	<ul> <li>My business is organized as (you <b>must</b> check <u>one</u> of the boxes below):</li> <li>A. ☐ Sole Proprietorship (individual)</li> <li>B. ☐ Partnership</li> <li>C. ☐ Corporation</li> </ul>			
<ul> <li>You must check one of the boxes below:</li> <li>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.</li> </ul>				
<ul> <li>B.  \[ \] I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (F questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).</li> <li>C.  \[ \] I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twent one (21) days of the contract award.</li> </ul>				
3.	3. If you have checked item 2(A) or 2(B), you <b>must</b> indicate the number of <b>both</b> 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	ity State Z	ZIP		
in fa _	hereby certify that the above information is true and correct. It is a factors affecting my coverage during any of my present and further 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

BARAGA MANAGEMENT UNIT BARAGA OFFICE

#### Moose Mountain (11-022-21)

T48N, R31W, SEC. 10; T48N, R31W, SEC. 15; Baraga COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on November 4, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Sawtimber					
Black Ash	8.6	MBF	\$	17.00/MBF	\$
Paper Birch	8.6	MBF	\$	24.00/MBF	\$
Red Maple	28.9	MBF	\$	61.00/MBF	\$
Sugar Maple	41.5	MBF	\$	154.00/MBF	\$
Yellow Birch	12.8	MBF	\$	30.00/MBF	\$
Pulpwood					
Balsam Fir	51	Cords	\$	1.90/Cord	\$
Basswood	10	Cords	\$	2.95/Cord	\$
Mixed Aspen	289	Cords	\$	10.00/Cord	\$
Mixed Hardwood	1,501	Cords	\$	4.05/Cord	\$
Mixed Spruce	42	Cords	\$	2.35/Cord	\$
Paper Birch	165	Cords	\$	3.05/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: -

	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 nu	Phone number : Email (optional):			

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

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 5.35 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:

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

<ul> <li>sale contract.</li> <li>In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted witwenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.</li> <li>All Information must be typed or printed except for written signatures.</li> <li>Please Check Appropriate Categories:</li> <li>My business is organized as (you must check one of the boxes below): <ul> <li>A. □ Sole Proprietorship (individual)</li> <li>B. □ Partnership</li> <li>C. □ Corporation</li> </ul> </li> <li>You must check one of the boxes below: <ul> <li>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.</li> <li>B. □ I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).</li> <li>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.</li> </ul> </li> </ul>		Part 5 of Act 451 of 1994, as amended.			
sale contract.  In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted wit 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 o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-332-1195).  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 than yourself, including family members and active partners (if none, you must enter "0").  Full-time Employees  Part-time Employees  Federal ID (or) Social Security No.	VE	RIFICATION OF WORKER'S DISABILIT	Y COMPENSATION	ON ACT COMPLIANCE	
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 o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).  C. □ I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.  3. If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, of than yourself, including family members and active partners (if none, you must enter "0").  Part-time Employees  Part-time Employees  Part-time Employees	•				
Please Check Appropriate Categories:  1. My business is organized as (you must check one of the boxes below):  A.	•	444			
1. My business is organized as (you <b>must</b> check <u>one</u> of the boxes below):  A. ☐ Sole Proprietorship (individual)  B. ☐ Partnership  C. ☐ Corporation  2. You <b>must</b> check <u>one</u> of the boxes below:  A. ☐ I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.  B. ☐ I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).  C. ☐ I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twentyone (21) days of the contract award.  3. If you have checked item 2(A) or 2(B), you <b>must</b> indicate the number of <b>both</b> full-time and part-time employees, of than yourself, including family members and active partners (if none, you must enter "0").  Full-time Employees  Federal ID (or) Social Security No.  Address  Telephone  ( )	•	All Information must be typed or printed except for written signatures.			
A. Sole Proprietorship (individual)  B. Partnership C. Corporation  2. You <b>must</b> check <u>one</u> of the boxes below:  A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.  B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).  C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.  3. If you have checked item 2(A) or 2(B), you <b>must</b> indicate the number of <b>both</b> full-time and part-time employees, of than yourself, including family members and active partners (if none, you must enter "0").  Full-time Employees  Federal ID (or) Social Security No.	Ple	ase Check Appropriate Categories:			
A.	1.	A. ☐ Sole Proprietorship (individual)  B. ☐ Partnership			
than yourself, including family members and active partners (if none, you must enter "0"). Full-time EmployeesPart-time Employees  Name of Business Federal ID (or) Social Security No.  Telephone ( )	2.	<ul> <li>A.</li></ul>			
Name of Business  Federal ID (or) Social Security No.  Address  Telephone ( )	3.				
Address Telephone ( )	Full-time EmployeesPart-time Employees				
( ' )	Name of Business			Federal ID (or) Social Security No.	
City State ZIP	Address			Telephone ( )	
	City		State	ZIP	

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

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur

Date

in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

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