



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6763

SCHEDULED SALE DATE AND TIME: 1:00 p.m. (local time) on November 2, 2020.

LOCATION: GWINN MGMT UNIT, 410 WEST M 35, GWINN, MI 49841.

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

Charlie and the Chain Trail (32-009-20) / T45N, R26W, SEC. 18, SWSE.

T45N, R26W, SEC. 19, E1/2NW,NE,NWSW,S1/2SW,NESE.

T45N, R26W, SEC. 19, S1/2SE.

T45N, R26W, SEC. 20, W1/2NW,S1/2NE,S1/2SW,W1/2SE.

T45N, R26W, SEC. 29, N1/2NW,SWNW.

T45N, R26W, SEC. 30, N1/2NW,NE.

T45N, R27W, SEC. 24, NWNE,SENE,SE.

Marquette County, Advertised Price \$129,405.25, 319.6 Acres, Aspen, Hardwood.

SALE NOTE: Note that areas of steep terrain are present within Payment Units 4, 5, 6, and 13. Some areas considered to be too steep for harvesting operations were left unmarked. Payment Unit 10 also contains steep terrain along the east edge. Significant spruce budworm damage is occurring on most spruce/fir.

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.

Pine Place (32-010-20) / T44N, R26W, SEC. 6 , NENE.

T45N, R26W, SEC. 30, SESW,SWSE.

T45N, R26W, SEC. 31, NENW,N1/2NE,SENE,SESW,SE.

T45N, R26W, SEC. 32, S1/2NW,N1/2SW,N1/2SE.

Marquette County, Advertised Price \$194,577.45, 214.1 Acres, Red Pine, White Pine.

SALE NOTE: Spruce budworm damage is occurring on most merchantable spruce/fir. Gravel requirement to fill holes on access roads. The Bass Lake Motorcycle Trail can not be used for hauling and/or skidding, new access routes may have to be constructed for access to Payment Units 2, 10, and 11 (see specs 4.1.6 and 4.1.7).

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. 07/02/2018):

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

Bids must be received by the Unit Manager, GWINN OFFICE, 410 WEST M 35, GWINN, MI 49841, no later than 1:00 p.m. (local time) on November 2, 2020. For further information concerning this sale, contact Kristen Matson at 906-346-9201 extension 103.

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

Charlie and the Chain Trail (32-009-20)

T45N, R26W, SEC. 18; T45N, R26W, SEC. 19; T45N, R26W, SEC. 20; T45N, R26W, SEC. 29; T45N, R26W, SEC. 30; T45N, R27W, SEC. 24.

SALE NOTE: Note that areas of steep terrain are present within Payment Units 4, 5, 6, and 13. Some areas considered to be too steep for harvesting operations were left unmarked. Payment Unit 10 also contains steep terrain along the east edge. Significant spruce budworm damage is occurring on most spruce/fir.

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Paper Birch	14.7 MBF	\$ 81.00 / MBF
Red Maple	8.4 MBF	\$ 78.00 / MBF
Red Oak	1.1 MBF	\$ 134.00 / MBF
Sugar Maple	38.7 MBF	\$ 239.00 / MBF
Pulpwood		
Balsam Fir	249 Cords	\$ 21.80 / Cord
Jack Pine	162 Cords	\$ 31.65 / Cord
Mixed Aspen	2,454 Cords	\$ 26.20 / Cord
Mixed Hardwood	1,883 Cords	\$ 18.70 / Cord
Mixed Spruce	277 Cords	\$ 26.15 / Cord
Red Oak	3 Cords	\$ 21.55 / Cord
Red Pine	11 Cords	\$ 43.80 / Cord
White Pine	17 Cords	\$ 18.25 / Cord

* 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 \$6,470.00 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	7.0%
02	3.3%
03	2.8%
04	4.7%
05	4.7%
06	6.1%
07	0.7%
08	0.1%
09	0.2%
10	7.5%
11	5.6%
12	0.8%
13	3.5%
14	0.7%
15	15.4%
16	4.2%
17	10.9%
18	7.2%
19	10.3%
20	4.3%

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

5. Operations on the contract issued will terminate on 08/31/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
408,826	5,175	8.13%	4,754	5,596

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
1	69,773	883	0.00%	883	883
2	23,052	292	26.51%	214	369
3	28,764	364	29.37%	257	471
6	15,397	195	0.00%	195	195
8	16,448	208	28.41%	149	267
13	42,312	536	13.78%	462	609
17	3,089	39	0.00%	39	39
19	15,223	193	0.00%	193	193
20	3,279	42	34.34%	27	56
30	26,852	340	25.06%	255	425
31	11,431	145	33.41%	96	193
39	695	9	44.41%	5	13
44	72,340	916	12.67%	800	1,032
49	948	12	76.03%	3	21
50	2,694	34	0.00%	34	34
103	15,326	194	29.05%	138	250
119	61,233	775	18.23%	634	916
TOTAL:	408,857	5,175		4,384	5,967

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	72.1	4	21.8
		5	21.9
		6	28.4
2	9.1	11	9.1
3	23.4	1	23.4
6	25.1	2	25.1
8	6.0	16	6.0
13	21.4	17	21.4
17	9.1	12	9.1
19	26.3	13	26.3
20	4.8	14	4.8
30	16.1	10	16.1
31	6.9	3	6.9
39	2.7	8	2.7
44	55.6	18	22.8
		19	32.8
49	4.5	9	4.5
50	2.5	7	2.5
103	9.7	20	9.7
119	24.3	15	24.3
TOTAL:	319.6		319.6

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	0.8	MBF	23.4	\$9,098.95
	Sugar Maple		2.7	MBF		
	Balsam Fir	Pulpwood	23	Cords		
	Jack Pine		21	Cords		
	Mixed Aspen		175	Cords		
	<i>Quaking Aspen</i>		175	<i>Cords</i>		
	Mixed Hardwood		130	Cords		
	<i>Black Cherry</i>		3	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Paper Birch</i>		11	<i>Cords</i>		
	<i>Red Maple</i>		102	<i>Cords</i>		
	<i>Sugar Maple</i>		12	<i>Cords</i>		
	Mixed Spruce		8	Cords		
	<i>White Spruce</i>		8	<i>Cords</i>		
2	Paper Birch	Sawtimber	0.1	MBF	25.1	\$4,331.20
	Red Maple		0.8	MBF		
	Sugar Maple		0.3	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen		74	Cords		
	<i>Quaking Aspen</i>		74	<i>Cords</i>		
	Mixed Hardwood		118	Cords		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Paper Birch</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		76	<i>Cords</i>		
	<i>Sugar Maple</i>		40	<i>Cords</i>		
	3	Paper Birch	Sawtimber	2.1		
Red Maple			1.1	MBF		
Sugar Maple			2.0	MBF		
Balsam Fir		Pulpwood	3	Cords		
Mixed Aspen			40	Cords		
<i>B. T. Aspen</i>			12	<i>Cords</i>		
<i>Quaking Aspen</i>			28	<i>Cords</i>		
Mixed Hardwood			92	Cords		
<i>Paper Birch</i>			10	<i>Cords</i>		
<i>Red Maple</i>			18	<i>Cords</i>		
<i>Sugar Maple</i>			59	<i>Cords</i>		
<i>Yellow Birch</i>			5	<i>Cords</i>		
4		Paper Birch	Sawtimber	0.3	MBF	21.8
	Red Maple		0.9	MBF		
	Red Oak		0.3	MBF		
	Sugar Maple		4.1	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen		17	Cords		
	<i>B. T. Aspen</i>		7	<i>Cords</i>		
	<i>Balsam Poplar</i>		3	<i>Cords</i>		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		
	Mixed Hardwood		236	Cords		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Paper Birch</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		44	<i>Cords</i>		
	<i>Sugar Maple</i>		188	<i>Cords</i>		
	Red Oak		1	Cords		
5	Paper Birch	Sawtimber	0.3	MBF	21.9	\$6,057.05
	Red Maple		0.9	MBF		
	Red Oak		0.3	MBF		
	Sugar Maple		4.1	MBF		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen		17	Cords		
	<i>B. T. Aspen</i>		7	<i>Cords</i>		
	<i>Balsam Poplar</i>		3	<i>Cords</i>		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		
	Mixed Hardwood		237	Cords		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Paper Birch</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		44	<i>Cords</i>		
	<i>Sugar Maple</i>		189	<i>Cords</i>		
	Red Oak		1	Cords		
6	Paper Birch	Sawtimber	0.4	MBF	28.4	\$7,866.05
	Red Maple		1.2	MBF		
	Red Oak		0.5	MBF		
	Sugar Maple		5.4	MBF		
	Balsam Fir		Pulpwood	2		
	Mixed Aspen	22		Cords		
	<i>B. T. Aspen</i>	9		<i>Cords</i>		
	<i>Balsam Poplar</i>	4		<i>Cords</i>		
	<i>Quaking Aspen</i>	9		<i>Cords</i>		
	Mixed Hardwood	307		Cords		
	<i>Ironwood</i>	1		<i>Cords</i>		
	<i>Paper Birch</i>	4		<i>Cords</i>		
	<i>Red Maple</i>	58		<i>Cords</i>		
	<i>Sugar Maple</i>	244		<i>Cords</i>		
	Red Oak	1	Cords			
7	Sugar Maple	Sawtimber	1.2	MBF	2.5	\$885.20
	Mixed Hardwood	Pulpwood	32	Cords		
	<i>Sugar Maple</i>		32	<i>Cords</i>		
8	Mixed Hardwood	Pulpwood	9	Cords	2.7	\$168.30
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Sugar Maple</i>		8	<i>Cords</i>		
9	Mixed Hardwood	Pulpwood	12	Cords	4.5	\$224.40
	<i>Sugar Maple</i>		12	<i>Cords</i>		
10	Paper Birch	Sawtimber	11.5	MBF	16.1	\$9,648.90
	Sugar Maple	Pulpwood	13.4	MBF		
	Balsam Fir		3	Cords		
	Mixed Aspen		11	Cords		
	<i>Quaking Aspen</i>		11	<i>Cords</i>		
	Mixed Hardwood		276	Cords		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Paper Birch</i>		35	<i>Cords</i>		
	<i>Red Maple</i>		16	<i>Cords</i>		
	<i>Sugar Maple</i>		224	<i>Cords</i>		
11	Balsam Fir		Pulpwood	5	Cords	9.1
	Mixed Aspen	233		Cords		
	<i>B. T. Aspen</i>	94		<i>Cords</i>		
	<i>Quaking Aspen</i>	139		<i>Cords</i>		
	Mixed Hardwood	52		Cords		
	<i>Paper Birch</i>	35		<i>Cords</i>		
	<i>Red Maple</i>	17		<i>Cords</i>		
	Mixed Spruce	3		Cords		
	<i>White Spruce</i>	3		<i>Cords</i>		
12	Sugar Maple	Sawtimber	1.3	MBF	9.1	\$1,032.60
	Mixed Aspen	Pulpwood	4	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
12 con't	<i>Quaking Aspen</i> Mixed Hardwood <i>Red Maple</i> <i>Sugar Maple</i>	<i>Pulpwood</i>	4 33 6 27	<i>Cords</i> Cords <i>Cords</i> <i>Cords</i>		
13	Sugar Maple Balsam Fir Mixed Aspen <i>B. T. Aspen</i> <i>Balsam Poplar</i> Mixed Hardwood <i>Ironwood</i> <i>Sugar Maple</i>	Sawtimber Pulpwood	3.9 7 19 7 12 159 6 153	MBF Cords Cords <i>Cords</i> <i>Cords</i> Cords <i>Cords</i> <i>Cords</i>	26.3	\$4,555.80
14	Red Maple Sugar Maple Mixed Hardwood <i>Red Maple</i> <i>Sugar Maple</i>	Sawtimber Pulpwood	0.3 0.3 40 8 32	MBF MBF Cords <i>Cords</i> <i>Cords</i>	4.8	\$843.10
15	Balsam Fir Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Red Maple</i> <i>Sugar Maple</i> Mixed Spruce <i>White Spruce</i>	Pulpwood	48 715 715 10 8 2 4 4	Cords Cords <i>Cords</i> Cords <i>Cords</i> <i>Cords</i> Cords <i>Cords</i>	24.3	\$20,071.00
16	Balsam Fir Jack Pine Mixed Aspen <i>Quaking Aspen</i> Mixed Spruce <i>Black Spruce</i>	Pulpwood	16 14 30 30 149 149	Cords Cords Cords <i>Cords</i> Cords <i>Cords</i>	6.0	\$5,474.25
17	Balsam Fir Jack Pine Mixed Aspen <i>Quaking Aspen</i> Mixed Spruce <i>Black Spruce</i>	Pulpwood	27 33 369 369 106 106	Cords Cords Cords <i>Cords</i> Cords <i>Cords</i>	21.4	\$14,072.75
18	Red Maple Balsam Fir Jack Pine Mixed Aspen <i>B. T. Aspen</i> <i>Quaking Aspen</i> Mixed Hardwood <i>Black Cherry</i> <i>Paper Birch</i> <i>Red Maple</i> <i>Sugar Maple</i> Mixed Spruce <i>White Spruce</i>	Sawtimber Pulpwood	0.9 44 6 264 22 242 56 2 15 36 3 3 3	MBF Cords Cords Cords <i>Cords</i> <i>Cords</i> Cords <i>Cords</i> <i>Cords</i> <i>Cords</i> <i>Cords</i> Cords <i>Cords</i>	22.8	\$9,261.75
19	Red Maple Balsam Fir Jack Pine Mixed Aspen <i>B. T. Aspen</i>	Sawtimber Pulpwood	1.5 63 9 380 31	MBF Cords Cords Cords <i>Cords</i>	32.8	\$13,369.25

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
19 con't	<i>Quaking Aspen</i>	<i>Pulpwood</i>	349	<i>Cords</i>		
	Mixed Hardwood		82	Cords		
	<i>Black Cherry</i>		4	<i>Cords</i>		
	<i>Paper Birch</i>		22	<i>Cords</i>		
	<i>Red Maple</i>		51	<i>Cords</i>		
	<i>Sugar Maple</i>		5	<i>Cords</i>		
	Mixed Spruce		4	Cords		
	<i>White Spruce</i>		4	<i>Cords</i>		
20	Balsam Fir	Pulpwood	2	Cords	9.7	\$5,574.20
	Jack Pine		79	Cords		
	Mixed Aspen		84	Cords		
	<i>Quaking Aspen</i>		84	<i>Cords</i>		
	Mixed Hardwood		2	Cords		
	<i>Paper Birch</i>		2	<i>Cords</i>		
	Red Pine		11	Cords		
	White Pine		17	Cords		
TOTAL:			62.9	MBF		
TOTAL:			5,056	Cords		

Sale Specific Conditions & Requirements

Sale Name: Charlie and the Chain Trail

Sale Number: 32-009-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

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

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, 3, 10, 11, 16, 17, 18, 19, and 20, cut all trees that are two (2) inches or more at DBH. In addition, the following exceptions apply:

- Within Payment Units 1 and 11, do not cut red pine, white pine, and oak.
- Within Payment Unit 3, do not cut hemlock, red pine, white pine, black cherry, and oak.
- Within Payment Unit 10, do not cut red pine, white pine, black cherry, and oak.
- Within Payment Unit 16, do not cut cedar and white pine.
- Within Payment Unit 17, do not cut cedar, red pine, white pine, and oak.
- Within Payment Units 18 and 19, do not cut red pine, white pine, and oak. In addition, do not cut sugar maple with a DBH of 18" or greater.

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

Within Payment Unit(s) 15, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut cedar, red pine, white pine, black cherry, and oak.

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

Within Payment Unit(s) 2, 4, 5, 6, 7, 8, 9, 12, 13, and 14, 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 Payment Unit 20 shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is in order to facilitate planting operations.

2.2.4 - Skidding length (2/14)

Within Payment Units 2, 4, 5, 6, 7, 8, 9, 12, 13, and 14, skidding of unlimbed tops or lengths over 17 feet is not permissible unless approved by the Unit Manager or his/her representative.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

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

No damage is acceptable to undesignated live merchantable trees. Within the sale area, if more than 5 % of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. 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. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. 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 bull dozer 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.

4.3 - 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 12 and 15, and Charlie Lakes Trail.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 3 business days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 4, 5, 6, 7, 8, 9, 12, 13, and 14, 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.

5.2.32 - 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.

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of Charlie Lakes Trail.

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

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

5.2.40 - Pathway protection (10/10)

The Bass Lake Motorcycle Trail is shown on the Timber Sale Map. Do not cut trees or damage posts with X pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the sale administrator.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

5.4.2 - Skid trails (2/04)

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

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Charlie Lakes Trail, Chain Lake Trail, and Crooked Lake 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.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on the Bass Lake Motorcycle Trail prior to beginning operations. The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



Sale Number	Year
32-009	20

TIMBER SALE MAP

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

Forest Management Unit Gwinn	County Marquette	Mapped By Brolin	Date 08/03/2020	Page 1	of 1
Township 45N	Range 26, 27W	Section(s) and Subdivision(s) Sections 18, 19, 20, 29, 30 (26W) and 24 (27W)	Cruised By Brolin, Holodnick, Hill	Scale 1:31,680	

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 = Treed 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

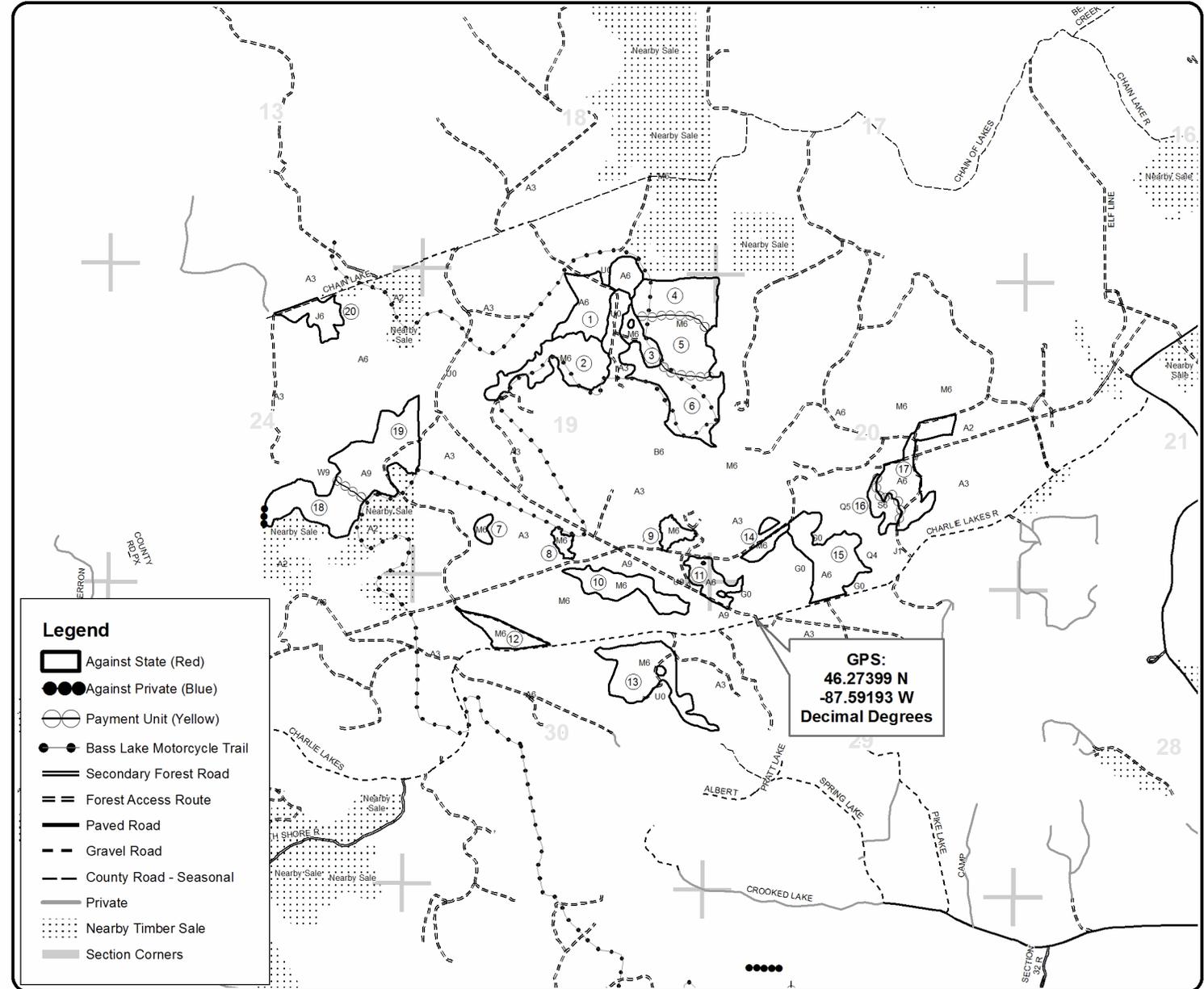
PU Acres	PU Acres	PU Acres
1 23.4	8 2.7	15 24.3
2 25.1	9 4.5	16 6.0
3 6.9	10 16.1	17 21.4
4 21.8	11 9.1	18 22.8
5 21.9	12 9.1	19 32.8
6 28.4	13 26.3	20 9.7
7 2.5	14 4.8	

Charlie and the Chain Trail

Compartments 36, 37, 261
319.6 Acres



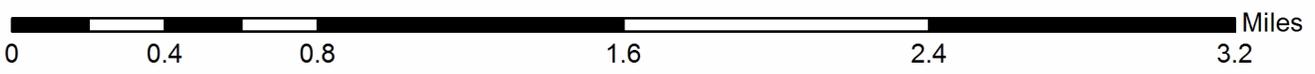
QR code for PDF Map app



GPS:
 46.27399 N
 -87.59193 W
 Decimal Degrees

Legend

- Against State (Red)
- Against Private (Blue)
- Payment Unit (Yellow)
- Bass Lake Motorcycle Trail
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private
- Nearby Timber Sale
- Section Corners



TIMBER SALE INFORMATION

Pine Place (32-010-20)

T44N, R26W, SEC. 6; T45N, R26W, SEC. 30; T45N, R26W, SEC. 31; T45N, R26W, SEC. 32.
Marquette County (Advertised Price \$194,577.45)

SALE NOTE: Spruce budworm damage is occurring on most merchantable spruce/fir. Gravel requirement to fill holes on access roads. The Bass Lake Motorcycle Trail can not be used for hauling and/or skidding, new access routes may have to be constructed for access to Payment Units 2, 10, and 11 (see specs 4.1.6 and 4.1.7).

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Maple	0.9 MBF	\$ 78.00 / MBF
Red Pine	1,162.6 MBF	\$ 87.00 / MBF
Sugar Maple	0.5 MBF	\$ 239.00 / MBF
Pulpwood		
Balsam Fir	174 Cords	\$ 21.80 / Cord
Jack Pine	31 Cords	\$ 31.65 / Cord
Mixed Aspen	169 Cords	\$ 26.20 / Cord
Mixed Hardwood	249 Cords	\$ 18.70 / Cord
Mixed Spruce	90 Cords	\$ 26.15 / Cord
Red Pine	1,377 Cords	\$ 43.80 / Cord
White Pine	916 Cords	\$ 18.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.49 percent. There are an estimated 5,334 cords on this timber sale, plus or minus 720 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$9,729.00 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	2.6%
02	0.2%
03	4.1%
04	10.0%
05	15.6%
06	9.9%
07	15.6%
08	16.1%
09	14.1%
10	7.2%
11	4.6%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 08/31/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
421,413	5,334	13.49%	4,615	6,054

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
18	17,269	219	30.37%	152	285
25	320,266	4,054	14.08%	3,483	4,625
35	65,933	835	26.02%	617	1,052
58	1,793	23	81.39%	4	41
416	16,132	204	31.29%	140	268
TOTAL:	421,394	5,334		4,397	6,271

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
18	14.1	3	14.1
25	117.8	4	14.5
		5	22.7
		6	14.3
		7	22.7
		8	23.1
		9	20.5
35	55.1	10	33.6
		11	21.5
58	2.8	2	2.8
416	24.3	1	24.3
TOTAL:	214.1		214.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	103	Cords	24.3	\$4,968.70
	Jack Pine		31	Cords		
	Mixed Aspen		24	Cords		
	<i>Quaking Aspen</i>		24	<i>Cords</i>		
	Mixed Hardwood		5	Cords		
	<i>Red Maple</i>		5	<i>Cords</i>		
	Mixed Spruce		39	Cords		
	<i>White Spruce</i>		39	<i>Cords</i>		
2	Balsam Fir	Pulpwood	4	Cords	2.8	\$442.50
	Mixed Hardwood		19	Cords		
	<i>Red Maple</i>		19	<i>Cords</i>		
3	Balsam Fir	Pulpwood	2	Cords	14.1	\$8,043.45
	Mixed Hardwood		6	Cords		
	<i>Black Cherry</i>		5	<i>Cords</i>		
	<i>Red Maple</i>		1	<i>Cords</i>		
	Red Pine		158	Cords		
	White Pine		53	Cords		
4	Red Pine	Sawtimber	133.1	MBF	14.5	\$19,454.85
	Balsam Fir	Pulpwood	6	Cords		
	Mixed Aspen		1	Cords		
	<i>Quaking Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		6	Cords		
	<i>Red Maple</i>		6	<i>Cords</i>		
	Mixed Spruce		5	Cords		
	<i>Black Spruce</i>		1	<i>Cords</i>		
	<i>White Spruce</i>		4	<i>Cords</i>		
	Red Pine		139	Cords		
	White Pine		76	Cords		
5	Red Pine	Sawtimber	208.4	MBF	22.7	\$30,446.50
	Balsam Fir	Pulpwood	10	Cords		
	Mixed Aspen		1	Cords		
	<i>Quaking Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		9	Cords		
	<i>Red Maple</i>		9	<i>Cords</i>		
	Mixed Spruce		7	Cords		
	<i>Black Spruce</i>		1	<i>Cords</i>		
	<i>White Spruce</i>		6	<i>Cords</i>		
	Red Pine		218	Cords		
	White Pine		119	Cords		
6	Red Pine	Sawtimber	131.3	MBF	14.3	\$19,236.20
	Balsam Fir	Pulpwood	6	Cords		
	Mixed Aspen		1	Cords		
	<i>Quaking Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		6	Cords		
	<i>Red Maple</i>		6	<i>Cords</i>		
	Mixed Spruce		5	Cords		
	<i>Black Spruce</i>		1	<i>Cords</i>		
	<i>White Spruce</i>		4	<i>Cords</i>		
	Red Pine		138	Cords		
	White Pine		75	Cords		
7	Red Pine	Sawtimber	208.4	MBF	22.7	\$30,446.50
	Balsam Fir	Pulpwood	10	Cords		
	Mixed Aspen		1	Cords		
	<i>Quaking Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		9	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	<i>Red Maple</i>	<i>Pulpwood</i>	9	<i>Cords</i>		
	Mixed Spruce		7	Cords		
	<i>Black Spruce</i>		1	<i>Cords</i>		
	<i>White Spruce</i>		6	<i>Cords</i>		
	Red Pine		218	Cords		
	White Pine		119	Cords		
8	Red Pine	Sawtimber	212.1	MBF	23.1	\$31,023.90
	Balsam Fir	Pulpwood	10	Cords		
	Mixed Aspen		1	Cords		
	<i>Quaking Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		9	Cords		
	<i>Red Maple</i>		9	<i>Cords</i>		
	Mixed Spruce		7	Cords		
	<i>Black Spruce</i>		1	<i>Cords</i>		
	<i>White Spruce</i>		6	<i>Cords</i>		
	Red Pine		223	Cords		
	White Pine		121	Cords		
9	Red Pine	Sawtimber	188.2	MBF	20.5	\$27,483.65
	Balsam Fir	Pulpwood	9	Cords		
	Mixed Aspen		1	Cords		
	<i>Quaking Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		8	Cords		
	<i>Red Maple</i>		8	<i>Cords</i>		
	Mixed Spruce		6	Cords		
	<i>Black Spruce</i>		1	<i>Cords</i>		
	<i>White Spruce</i>		5	<i>Cords</i>		
	Red Pine		197	Cords		
	White Pine		107	Cords		
10	Red Maple	Sawtimber	0.5	MBF	33.6	\$14,054.35
	Red Pine		49.5	MBF		
	Sugar Maple		0.3	MBF		
	Balsam Fir	Pulpwood	9	Cords		
	Mixed Aspen		85	Cords		
	<i>B. T. Aspen</i>		46	<i>Cords</i>		
	<i>Quaking Aspen</i>		39	<i>Cords</i>		
	Mixed Hardwood		105	Cords		
	<i>Red Maple</i>		100	<i>Cords</i>		
	<i>Sugar Maple</i>		5	<i>Cords</i>		
	Mixed Spruce		9	Cords		
	<i>Black Spruce</i>		7	<i>Cords</i>		
	<i>White Spruce</i>		2	<i>Cords</i>		
	Red Pine		52	Cords		
	White Pine		150	Cords		
11	Red Maple	Sawtimber	0.4	MBF	21.5	\$8,976.85
	Red Pine		31.6	MBF		
	Sugar Maple		0.2	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Aspen		54	Cords		
	<i>B. T. Aspen</i>		29	<i>Cords</i>		
	<i>Quaking Aspen</i>		25	<i>Cords</i>		
	Mixed Hardwood		67	Cords		
	<i>Red Maple</i>		64	<i>Cords</i>		
	<i>Sugar Maple</i>		3	<i>Cords</i>		
	Mixed Spruce		5	Cords		
	<i>Black Spruce</i>		4	<i>Cords</i>		
	<i>White Spruce</i>		1	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
11 con't	Red Pine	Pulpwood	34	Cords		
	White Pine		96	Cords		
TOTAL:			1,164.0	MBF		
TOTAL:			3,006	Cords		

Sale Specific Conditions & Requirements

Sale Name: Pine Place

Sale Number: 32-010-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, 4, 5, 6, 7, 8, and 9, cut all trees that are two (2) inches or more at DBH, except within Payment Unit 1, do not cut red pine, white pine, and oak.

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

Within Payment Unit(s) 2, 10, and 11, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within Payment Units 10 and 11, all merchantable balsam fir, aspen, and maple are designated for cutting.

2.1.7 - Leave tree marked unit(s) (6/14)

Within Payment Unit(s) 3, cut all trees that are two (2) inches or more at DBH except trees marked with green paint above and below stump height.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Units 1, 4, 5, 6, 7, 8, and 9, shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is in order to facilitate planting operations.

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible within Payment Units 2, 10, and 11, unless approved by the Unit Manager or his/her representative.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. 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.

4.1.8 - Road work (1) (8/07)

The following road work is required: Haul and spread a minimum of 200 cubic yards of gravel where holes exist or may be expected to develop on state owned roads, specifically Section 32 Road. This fill material should be placed before trucking begins. Sourcing of gravel will be the responsibility of the Purchaser.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: Within 30 days of completion of hauling, or if no hauling occurs for 30 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

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 bull dozer 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.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 3 business days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

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

5.2.3.6 - Bark beetle restriction (12/08)

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

5.2.32 - Decking/landing restoration (9/13)

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

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

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

5.2.40 - Pathway protection (10/10)

The Bass Lake Motorcycle Trail is shown on the Timber Sale Map. Do not cut trees or damage posts with orange pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the sale administrator.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Section 32 Road and Crooked Lake 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.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on the Bass Lake Motorcycle Trail prior to beginning operations. The trail must be posted at appropriate distances from any active sale areas to warn of logging activity and truck traffic at both ends of the trail. 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 Gwinn	County Marquette	Mapped By Brolin	Date 08/03/2020	Page 1	of 1
Township 44N / 45N	Range 26W	Section(s) and Subdivision(s) Sections 6 (44N) / 30, 31, and 32 (45N)	Scale 1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU Acres	PU Acres	PU Acres
1 24.3	6 14.3	11 21.5
2 2.8	7 22.7	
3 14.1	8 23.1	
4 14.5	9 20.5	
5 22.7	10 33.6	

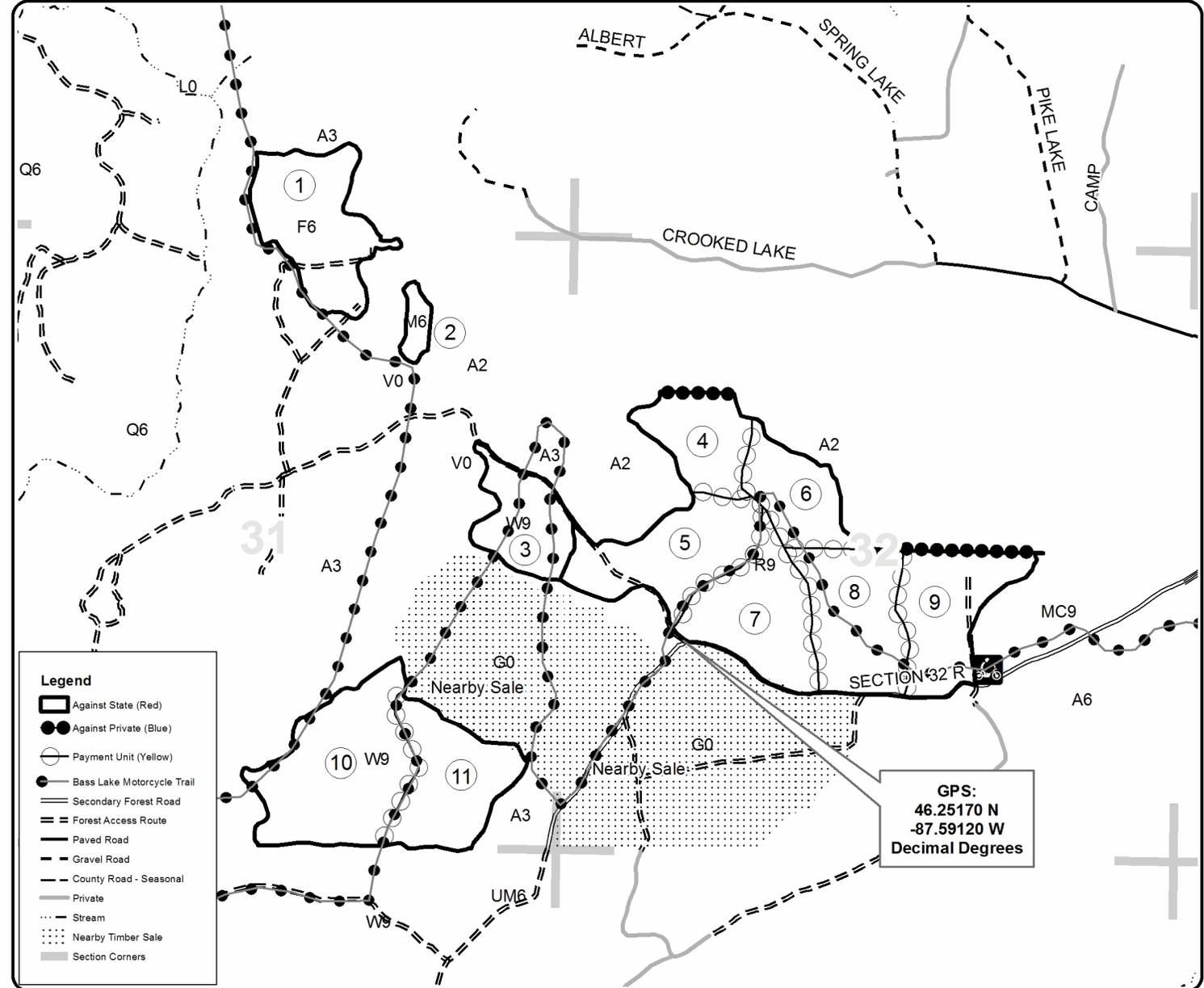
Pine Place

Compartments 36 and 37

214.1 Acres



QR code for PDF Map app



Pine Place (32-010-20)

T44N, R26W, SEC. 6; T45N, R26W, SEC. 30; T45N, R26W, SEC. 31; T45N, R26W,

In response to the notice of sale to be held 1:00 p.m. (local time) on November 2, 2020, 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/UNIT</u>
Sawtimber			
Red Maple	0.9 MBF	\$ 78.00/MBF	\$ _____
Red Pine	1,162.6 MBF	\$ 87.00/MBF	\$ _____
Sugar Maple	0.5 MBF	\$ 239.00/MBF	\$ _____
Pulpwood			
Balsam Fir	174 Cords	\$ 21.80/Cord	\$ _____
Jack Pine	31 Cords	\$ 31.65/Cord	\$ _____
Mixed Aspen	169 Cords	\$ 26.20/Cord	\$ _____
Mixed Hardwood	249 Cords	\$ 18.70/Cord	\$ _____
Mixed Spruce	90 Cords	\$ 26.15/Cord	\$ _____
Red Pine	1,377 Cords	\$ 43.80/Cord	\$ _____
White Pine	916 Cords	\$ 18.25/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 13.49 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: _____ - _____ or SOCIAL SECURITY NUMBER: _____ - _____ - _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF 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

Charlie and the Chain Trail (32-009-20)
T45N, R26W, SEC. 18; T45N, R26W, SEC. 19; T45N, R26W, SEC. 20; T45N,

In response to the notice of sale to be held 1:00 p.m. (local time) on November 2, 2020, 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/UNIT</u>
Sawtimber			
Paper Birch	14.7 MBF	\$ 81.00/MBF	\$ _____
Red Maple	8.4 MBF	\$ 78.00/MBF	\$ _____
Red Oak	1.1 MBF	\$ 134.00/MBF	\$ _____
Sugar Maple	38.7 MBF	\$ 239.00/MBF	\$ _____
Pulpwood			
Balsam Fir	249 Cords	\$ 21.80/Cord	\$ _____
Jack Pine	162 Cords	\$ 31.65/Cord	\$ _____
Mixed Aspen	2,454 Cords	\$ 26.20/Cord	\$ _____
Mixed Hardwood	1,883 Cords	\$ 18.70/Cord	\$ _____
Mixed Spruce	277 Cords	\$ 26.15/Cord	\$ _____
Red Oak	3 Cords	\$ 21.55/Cord	\$ _____
Red Pine	11 Cords	\$ 43.80/Cord	\$ _____
White Pine	17 Cords	\$ 18.25/Cord	\$ _____

*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



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.

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

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