



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7476**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on August 12, 2024.**

LOCATION: **GRAYLING MGMT UNIT, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738.**

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

GNA2 Canoe Camp KW (72-819-24) / T26N, R02W, SEC. 26, S1/2SW,SWSE.

T26N, R02W, SEC. 27, SENE,SESW,SE.

T26N, R02W, SEC. 34, N1/2NW,NE,N1/2SE,SWSE.

T26N, R02W, SEC. 35, NWNE.

Crawford County, Advertised Price \$85,950.40, 315.6 Acres, Jack Pine, Red Pine.

SALE NOTE: This sale is on Non-Certified land owned and managed by the USFS prepared under GNA. The Shore to Shore Equestrian Trail is present within the sale area. The majority of the sale is flat and is well marked for access and operability. Rolling hills are present in Payment Unit 8 where the majority of the oak is. Oak in PU 8 ranges from fair to good quality. Sale has additional room to bid applied for the following reasons; Payment Unit 1 has deep old planting furrows which will slow down operations and be hard on operators. Payment Unit 1 also has declining timber and should be harvested as soon as is possible. Payment Unit 7 has a requirement to cut sub-merchantable cherry along with the low volume of diameter designated (10" or less @ DBH) jack pine. Payment Units 2, 4, 5, and 6 have HRD restrictions. The entire sale is Oak Wilt restricted April 15th through July 15th. The approach to Chase Bridge Road on FR 1001 has to be armored with a minimum of 6 inches of gravel.

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 other public land.

GNA2 Canoe Camp North (72-840-24) / T26N, R01W, SEC. 30, SWNW,NWSW.

T26N, R02W, SEC. 25, NW,N1/2NE,NWSW,NWSE,S1/2SE.

T26N, R02W, SEC. 26, NW,NE,NESW,N1/2SE.

T26N, R02W, SEC. 27, E1/2NE.

Crawford County, Advertised Price \$237,010.85, 342.8 Acres, Aspen, Hardwood.

SALE NOTE: Armoring of the approach to Chase Bridge Road off of Forest Road 1001 is required if used. Forest Road 3114 and 3112 will require widening and improving prior to hauling. Red pine Payment Units 6, 8, and 9 have Heterobasidion Root Disease and Bark Slippage restrictions. Payment Units 1 and 4 are also bark slippage restricted. Entire sale is oak wilt restricted. 5-year contract due to restrictions and acreage. First thinning in red pine Payment Units which are to be row thinned. Oak varies from average to good in form and quality. Aspen is variable in the oak but of good quality in most of the aspen units.

Access may be through other public land.

GNA2 Canoe Camp South (72-841-24) / T26N, R01W, SEC. 31, SWSW.
T26N, R02W, SEC. 35, SENW,SWNE,N1/2SW,SESW,SE.
T26N, R02W, SEC. 36, NENW,S1/2NW,NE,SW,N1/2SE,SWSE.
Crawford County, Advertised Price \$350,864.45, 540.9 Acres, Hardwood, Aspen.

SALE NOTE: Sale is on well drained rolling hills. Access may be through federal land or through state and federal land. Access to Sale Area will require opening closed roads or improving existing roads. If Forest Road 1001 is used to haul out to Chase Bridge Road, there is a requirement to armor the approach to Chase Bridge Road with at least 6 inches of gravel or crushed limestone. Forest Road 1001 has recently been improved and is protected in specs. Hybrid Oak ranges from fair to good quality. Northern pin oak is of average quality for the area (poor to fair). Hard oak wilt spec per USFS requirement. Notify Sale Administrator immediately if any Raptor Nests are found during operations. Condition 5.2.3.14 (Heterobasidion Root Disease Restriction) only applies if red pine or white pine must be cut for improving access roads, landing locations, or operability in Payment Units 7, 8 and 9. Red pine and white pine are not Included Timber and are to be protected throughout the sale.

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 or other public land.

BID INSTRUCTIONS (VER. 10/10/2022):

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

Bids must be received by the Unit Manager, GRAYLING OFFICE, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738, no later than 9:00 a.m. (local time) on August 12, 2024. For further information concerning this sale, contact Thomas Barnes at 989-348-6371 extension 7440.

2. Bidder's Qualifications (10/22)

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. A person must be 18 years of age or older to purchase timber. Permanent employees of the Department of Natural Resources or members of their immediate household may not bid. Former employees, in the permanent or seasonal class, may not bid until 3 months after the last day of active duty. 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. Worker's Compensation (10/22)

Purchaser shall obtain worker's 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. Verification of Worker's Disability Compensation Act Compliance must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if applicable, Notice of Exclusion or Certificate of Insurance must also be submitted.

10. Timber Sale Contract (10/22)

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 ($\$1,500/\$10,000 * 100$).

11. Disclaimer of Estimates and Bidder's Warranty of Inspection (10/22)

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.

12. Certification and Chain-of-Custody (10/22)

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.

13. Good Neighbor Authority (GNA) Requirements (10/22)

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).

14. Good Neighbor Authority (GNA) Requirements, con't (10/22)

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.

Scott Bowen
Director

TIMBER SALE INFORMATION

GNA2 Canoe Camp KW (72-819-24)

T26N, R02W, SEC. 26; T26N, R02W, SEC. 27; T26N, R02W, SEC. 34; T26N, R02W, SEC. 35.

Crawford County (Advertised Price \$85,950.40)

SALE NOTE: This sale is on Non-Certified land owned and managed by the USFS prepared under GNA. The Shore to Shore Equestrian Trail is present within the sale area. The majority of the sale is flat and is well marked for access and operability. Rolling hills are present in Payment Unit 8 where the majority of the oak is. Oak in PU 8 ranges from fair to good quality. Sale has additional room to bid applied for the following reasons; Payment Unit 1 has deep old planting furrows which will slow down operations and be hard on operators. Payment Unit 1 also has declining timber and should be harvested as soon as is possible. Payment Unit 7 has a requirement to cut sub-merchantable cherry along with the low volume of diameter designated (10" or less @ DBH) jack pine. Payment Units 2, 4, 5, and 6 have HRD restrictions. The entire sale is Oak Wilt restricted April 15th through July 15th. The approach to Chase Bridge Road on FR 1001 has to be armored with a minimum of 6 inches of gravel.

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 other public 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:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Black/Red (Hybrid) Oak	39.0 MBF	\$ 96.00 / MBF
Quaking Aspen	23.2 MBF	\$ 68.00 / MBF
Red Maple	9.7 MBF	\$ 59.00 / MBF
Red Oak	2.6 MBF	\$ 95.00 / MBF
Red Pine	30.6 MBF	\$ 88.00 / MBF
White Oak	18.8 MBF	\$ 73.00 / MBF
Pulpwood		
Jack Pine	1,713 Cords	\$ 14.85 / Cord
Mixed Aspen	109 Cords	\$ 18.95 / Cord
Mixed Oak	310 Cords	\$ 18.35 / Cord
Red Maple	104 Cords	\$ 22.05 / Cord
Red Pine	1,057 Cords	\$ 38.00 / Cord
White Pine	6 Cords	\$ 15.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.13 percent. There are an estimated 3,592 cords on this timber sale, plus or minus 436 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$4,298.00 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	30.3%
02	9.0%
03	7.6%
04	19.4%
05	1.6%
06	14.9%
07	0.9%
08	16.3%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2029.

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
283,749	3,592	12.13%	3,156	4,028

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
5	117,140	1,483	19.68%	1,191	1,775
8	17,451	221	0.00%	221	221
13	26,688	338	39.38%	205	471
14	35,587	450	32.09%	306	595
16	35,139	445	35.01%	289	601
19	3,031	38	159.83%	0	100
23	3,920	50	82.19%	9	90
221	44,793	567	26.73%	415	719
TOTAL:	283,749	3,592		2,636	4,571

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
5	121.6	1	121.6
8	19.8	2	19.8
13	23.0	6	23.0
14	31.5	4	31.5
16	37.5	1	9.9
		3	27.6
19	3.7	5	3.7
23	27.0	7	27.0
221	51.5	8	51.5
TOTAL:	315.6		315.6

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	White Oak	Sawtimber	3.3	MBF	131.5	\$25,930.30
	Jack Pine	Pulpwood	1,410	Cords		
	Mixed Aspen		53	Cords		
	<i>B. T. Aspen</i>		1	Cords		
	<i>Quaking Aspen</i>		52	Cords		
	Mixed Oak		53	Cords		
	<i>Northern Pin Oak</i>	Sawtimber	7.7	MBF		
	<i>Northern Pin Oak</i>	Pulpwood	27	Cords		
	<i>White Oak</i>		11	Cords		
	Red Pine		73	Cords		
2	Quaking Aspen	Sawtimber	0.5	MBF	19.8	\$7,769.25
	Red Pine		8.5	MBF		
	Jack Pine	Pulpwood	24	Cords		
	Mixed Aspen		3	Cords		
	<i>Quaking Aspen</i>		3	Cords		
	Red Pine		173	Cords		
	3	White Oak	Sawtimber	2.7		
Jack Pine		Pulpwood	210	Cords		
Mixed Aspen			30	Cords		
<i>B. T. Aspen</i>			2	Cords		
<i>Quaking Aspen</i>			28	Cords		
Mixed Oak			22	Cords		
<i>Northern Pin Oak</i>			16	Cords		
<i>White Oak</i>			6	Cords		
Red Pine			60	Cords		
4		Red Pine	Sawtimber	5.1	MBF	31.5
	Jack Pine	Pulpwood	19	Cords		
	Red Pine		420	Cords		
5	Jack Pine	Pulpwood	2	Cords	3.7	\$1,397.70
	Red Pine		36	Cords		
6	Red Oak	Sawtimber	2.6	MBF	23.0	\$12,819.35
	Red Pine		17.0	MBF		
	Mixed Oak	Pulpwood	1	Cords		
	<i>Red Oak</i>		1	Cords		
	Red Pine		291	Cords		
7	Jack Pine	Pulpwood	48	Cords	27.0	\$734.85
	Red Maple		1	Cords		
8	Black/Red (Hybrid)	Sawtimber	39.0	MBF	51.5	\$14,040.20
	Quaking Aspen		22.7	MBF		
	Red Maple		9.7	MBF		
	White Oak		12.8	MBF		
	Mixed Aspen	Pulpwood	23	Cords		
	<i>Quaking Aspen</i>		23	Cords		
	Mixed Oak		234	Cords		
	<i>/Red (Hybrid) Oak</i>		120	Cords		
	<i>Red Oak</i>		17	Cords		
	<i>White Oak</i>		97	Cords		
	Red Maple		103	Cords		
	Red Pine		4	Cords		
	White Pine		6	Cords		
	TOTAL:			123.9		
TOTAL:			3,299	Cords		

Sale Specific Conditions & Requirements

Sale Name: GNA2 Canoe Camp KW

Sale Number: 72-819-24 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 orange paint or are unmarked and identified by roads. Exterior sale boundary lines against private property and against USFS are identified by vertical orange lines, with the exception of the west boundary of Payment Unit 1, which is unmarked and identified by Chase Bridge Road (see Timber Sale Map). Interior Payment Unit boundaries are identified by orange chevrons on both sides of trees, with the exception of the boundaries between Payment Units 1 & 2 and 1 & 3, which are unmarked and identified by FR 1001. Retention patches are marked with orange paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 and 3, cut all trees that are two (2) inches or more at DBH, except do not cut any red and white pine that are 19 inches or greater at DBH.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.1.4 - Designated timber unit(s) (6/17)

Within Payment Unit(s) 7, all jack pine less than 10 inches at DBH, and all cherry less than 3 inches at DBH, are designated for cutting regardless of merchantability.

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

Within Payment Unit(s) 8, cut all trees that are two (2) inches or more at DBH, except do not cut any red or white pine 19 inches or greater at DBH, or any trees marked with orange paint above and below stump height.

2.1.8 - Designated plantation row unit(s) (12/08)

Within Payment Unit(s) 2 & 4-6, all trees which meet minimum piece specifications in 2.2 Utilization, within designated plantation rows are designated for cutting. Designated plantation rows are identified by blue paint at the edge of the row (with blue marked confidence trees down each row) and follow a take two, leave three pattern. In addition, all trees marked with blue paint are designated for cutting.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 1, 3 and 7 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit(s) 2, 4-6 and 8. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

2.2.10 - No chipping tops and limbs (8/16)

Within Payment Unit(s) 2, 4-6 and 8, Limbs and the remaining top must be left on site and scattered.

2.2.12 - GNA, cut and remove Included Timber (3/18)

Unless provided otherwise herein, the DNR agrees to sell and permit Purchaser to cut and remove Included Timber and Purchaser agrees to purchase, cut, and remove Included Timber.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

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.

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

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are "Legacy Pines" which are identified as red or white pine having a DBH of 19 inches or greater. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$300.00 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

3.4.3 - Special Protection Areas (8/11)

The Purchaser shall protect special protection areas from damage by the Purchaser's operations. Special protection areas are marked with a green boundary line. The Purchaser shall not cut live or dead trees within special protection area. No operations are permitted in the special protection area. If the Purchaser's operations have cut or damaged special protection areas through carelessness, the Purchaser shall pay \$1000.00 as fixed, agreed and liquidated damages for each acre or part thereof cut or damaged. Such payment does not constitute ownership of the undesignated 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 utilized in temporary access road closure, chipped, utilized or otherwise removed from the sale.

4.1.4 - Timber removed for construction (3/23)

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 contract prices or average prices, if not on the contract.

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 25 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 25 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. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

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

The following road work is required if the Purchaser uses FR 1001 to access the sale: The existing entranceway onto Chase

Bridge Road from FR 1001 will need to be upgraded/hardened to avoid damaging Chase Bridge Road. (This will require six plus inches of crushed gravel at a minimum for at least 50 feet). Contact the Sale Administrator with questions. This has been factored into the bid price.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

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 materials approved to be utilized as fill. No fill may be utilized without prior approval from Sale Administrator. Use of unapproved fill material (wood chips, straw, hay, etc.), will be the responsibility of the Purchaser to remove. The use of unapproved fill will result in negative contract performance documentation and damages will be assessed.

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This may include cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur. This is to protect improvements to FR 1001.

4.2.4 - Grading (10/16)

For completion of the sale, Forest Service 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.

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.1 - Notification

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 4-6 and 8, 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.

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 1-8, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

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.

5.2.3.14 - Heterobasidion root disease (HRD) (3/21)

This plantation is at risk of infection by the root rot fungus, *Heterobasidion irregulare*. To prevent the spread of this disease, cutting operations within Payment Unit(s) 2 and 4-6, are restricted to the period of January 1st through February 28th. Cutting may only occur outside this period with written permission of the Unit Manager or with the application of a preventative pesticide. Consultation with a forest health specialist will determine if cutting can occur prior to January 1 without pesticide application, dependent upon current and forecasted snow cover. Cellu-Treat and RotStop C are currently the only EPA registered products available in the United States for the control of *Heterobasidion*. Both products are a water-soluble powder that must be applied to the stump, in accordance with the product label. Dye must be added to these products to provide visible evidence of adequate coverage. Application of these pesticides requires licensing by the Michigan Department of Agriculture and Rural Development. All applicators are required to: provide to the Sale Administrator notification of application per requirements in 40 CFR 170.120; and document and provide to the Sale Administrator annually, by December 31 and prior to closure of sale, the volume of product used and acres treated.

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 Shore to Shore Equestrian Trail is a Horse trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue 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. Do not operate equipment along the trail during scheduled trail rides. The Sale Administrator will provide a minimum of two weeks' notice of when scheduled trail rides are to occur.

5.4 - Soil Protection

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.

5.6 - Debris and Waste Material

5.6.2 - GNA, equipment cleaning (4/24)

(a) Areas, known by the DNR prior to timber sale advertisement, that are infested with invasive species of concern are shown on the Timber Sale Map. A current list of invasive species of concern and a map showing the extent of known infestations is available from the DNR. For purposes of this provision, "Off-Road Equipment" includes all logging and construction machinery, except for log trucks, chip vans, service vehicles, water trucks, pickup trucks, cars, and similar vehicles.

(b) Purchaser shall adhere to the following requirements with regard to cleaning "Off-Road Equipment":

(i) Prior to moving Off-Road Equipment onto the Sale Area, Purchaser shall identify the location of the equipment's most recent operation. Purchaser shall not move any Off-Road Equipment that last operated in an area infested with one or more invasive species of concern onto Sale Area without having cleaned such equipment of seeds, soil, vegetative matter, and other

debris that could contain or hold seeds, and having notified the DNR, as provided in (iii). If the location of prior operation cannot be identified, then Purchaser shall assume that the location is infested with invasive species of concern.

(ii) Prior to moving Off-Road Equipment from a cutting unit that is shown on the Timber Sale Map to be infested with invasive species of concern to, or through any other area that is shown as being free of invasive species of concern, or infested with a different invasive species, Purchaser shall clean such equipment of seeds, soil, vegetative matter, and other debris that could contain or hold seeds, and shall notify the DNR, as provided in (iii).

(iii) Prior to moving any Off-Road Equipment subject to the cleaning requirements set forth above, Purchaser shall advise DNR of its cleaning measures and make the equipment available for inspection. DNR shall have 2 days, excluding weekends and State holidays, to inspect equipment after it has been made available. After satisfactory inspection or after such 2 day period, Purchaser may move the equipment as planned. Equipment shall be considered clean when a visual inspection does not disclose seeds, soil, vegetative matter, and other debris that could contain or hold seeds. Purchaser shall not be required to disassemble equipment unless so directed by the DNR after inspection.

(iv) If Purchaser desires to clean Off-Road Equipment on National Forest land, such as at the end of a project or prior to moving to, or through an area that is free of invasive species of concern, Purchaser shall obtain prior approval from the Unit Manager or his/her representative as to the location for such cleaning and measures, if any, for controlling impacts.

(v) Unit Manager or his/her representative may order delay, interruption, or modification of this Contract pursuant to Condition & Requirement 7.3 or 7.3.4.

(c) Nothing contained in this Condition & Requirement shall be interpreted as creating any warranty on the part of the DNR that all locations of invasive species of concern have been described herein, elsewhere in this Contract, or designated on the ground. Following sale advertisement, additional locations may be described or designated, and other species may be added to the list of invasive species of concern. In such event, the Unit Manager or his/her representative may order delay, interruption, or modification of this Contract pursuant to Condition & Requirement 7.3 or 7.3.4.

(d) The parties shall promptly communicate with one another with respect to description or designation of additional locations; discovery of locations of new species or new infestation; and, addition of species to the list of invasive species of concern.

5.7 - Protection of Historical Sites

5.7.1 - Historical sites (7/12)

The Purchaser shall not cut live or dead trees or operate equipment within historical sites. Historical sites are adjacent to the Sale Area. The Purchaser shall protect historical sites from damage by the Purchaser's operations. If Purchaser's operations have cut or damaged historical sites through carelessness, the Purchaser shall pay \$1000.00 as fixed, agreed and liquidated damages for each acre or part thereof cut or damaged.

5.8 - Protection of Endangered Species

5.8.1 - Kirtland's warbler (1) (10/12)

This sale is adjacent to a young jack pine stand which may be used by the endangered Kirtland's Warbler. The Department reserves the right to temporarily restrict all harvesting operations in a buffer zone of up to 500 feet if it is determined that Warbler territory has been established in the adjacent stand. The restricted period, if put into effect, would apply from May 1 to August 15.

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 Chase Bridge Road and FR 1001 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 (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the Shore to Shore Equestrian 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.

7 - Other Conditions

SKIP

7.1.1 - GNA, title (7/16)

General Condition & Requirement 7.1 is inapplicable. The following applies to this contract.

All right, title, and interest in and to any Included Timber shall remain in USDA Forest Service with the State of Michigan acting on behalf of the USDA Forest Service under this GNA contract, until it has been Measured, removed from Sale Area or other authorized cutting area, and paid for, at which time title shall vest in Purchaser. Title to any Included Timber that has been Measured and paid for, but not removed from Sale Area or other authorized cutting area by Purchaser on or prior to Termination Date, shall remain in USDA Forest Service.

7.3 - Contract Modifications

7.3.4 - GNA, contract suspension and modification (5/16)

(a) The Unit Manager may, by written order, delay or interrupt authorized operations under this contract or, notwithstanding Condition & Requirement 7.3, modify this contract, in whole or in part:

(i) To prevent environmental degradation or resource damage, including, but not limited to, harm to habitat, plants, animals, cultural resources, or cave resources;

(ii) To ensure consistency with land and resource management plans or other documents prepared pursuant to the National Environmental Policy Act of 1969, 42 USC 4321-4347;

(iii) To conduct environmental analysis, including, but not limited to, engaging in consultation pursuant to the Endangered Species Act of 1973, 16 USC 1531, et seq.; or

(iv) Upon agreement of the Forest Service, due to administrative appeal or litigation, regardless of whether the Unit Manager's order is required by a court order or this contract is named in such a proceeding.

(b) In the event of an order delaying or interrupting Purchaser's Operations under this Condition & Requirement, Purchaser's remedy shall be:

(i) a no cost contract extension,

(ii) reimbursement for Out-of-Pocket Expenses,

however, the foregoing remedies shall be available only to the extent that the Unit Manager's order was the sole and exclusive cause of the delay or interruption of Purchaser's operations.

(c) Remedies awarded to the Purchaser shall not be duplicative, and the Unit Manager shall have the right to structure remedies provided herein to avoid duplicative compensation.

(d) Purchaser agrees that this Condition & Requirement, and the remedies provided herein shall apply regardless of any finding by any court that the DNR failed to comply with any statute, regulation and/or policy in connection with awarding, advertising, or authorizing this sale, or a similar sale.

7.5 - Loss

7.5.2 - GNA, liability for loss (7/16)

If Included Timber is destroyed or damaged by an unexpected event that changes the nature of Included Timber, such as wind, flood, insects, disease, or similar cause, the Purchaser shall bear the timber value loss resulting from such destruction or damage.

Deterioration or loss of timber value due to delay or interruption under 7.3.4 - GNA, contract suspension and modification, shall be borne by the party holding title. In this event, Included Timber to which USDA Forest Service holds title, Purchaser of the State GNA contract will not be obligated to remove and pay for such timber. This Subsection shall not be construed to relieve either party of liability for negligence.

7.10 - Certified Timber

7.10.1 - Non-certified timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale belong to the National Forest system and are being managed by the State as part of a Good Neighbor Authority (GNA) agreement.



TIMBER SALE MAP

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

Sale Number 72-819-24	Date 06/14/2024
Scale 1:15,840	Page 1
	Of 1

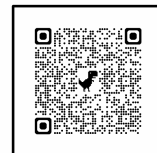
Forest Management Unit Grayling Mgt Unit	County Crawford	Mapped By: Price
		Cruised By: Price

Township 26N	Range 02W	Section(s) and Subdivision(s) Sec. 26 S1/2SW,SWSE; Sec. 27 SENE,SESW,SE; Sec. 34 N1/2NW,NE,N1/2SE,SWSE; Sec. 35 NWNE;
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Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous	Z = Water	
H = Hemlock	N = Marsh		

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

Use QR Code to open Map in App

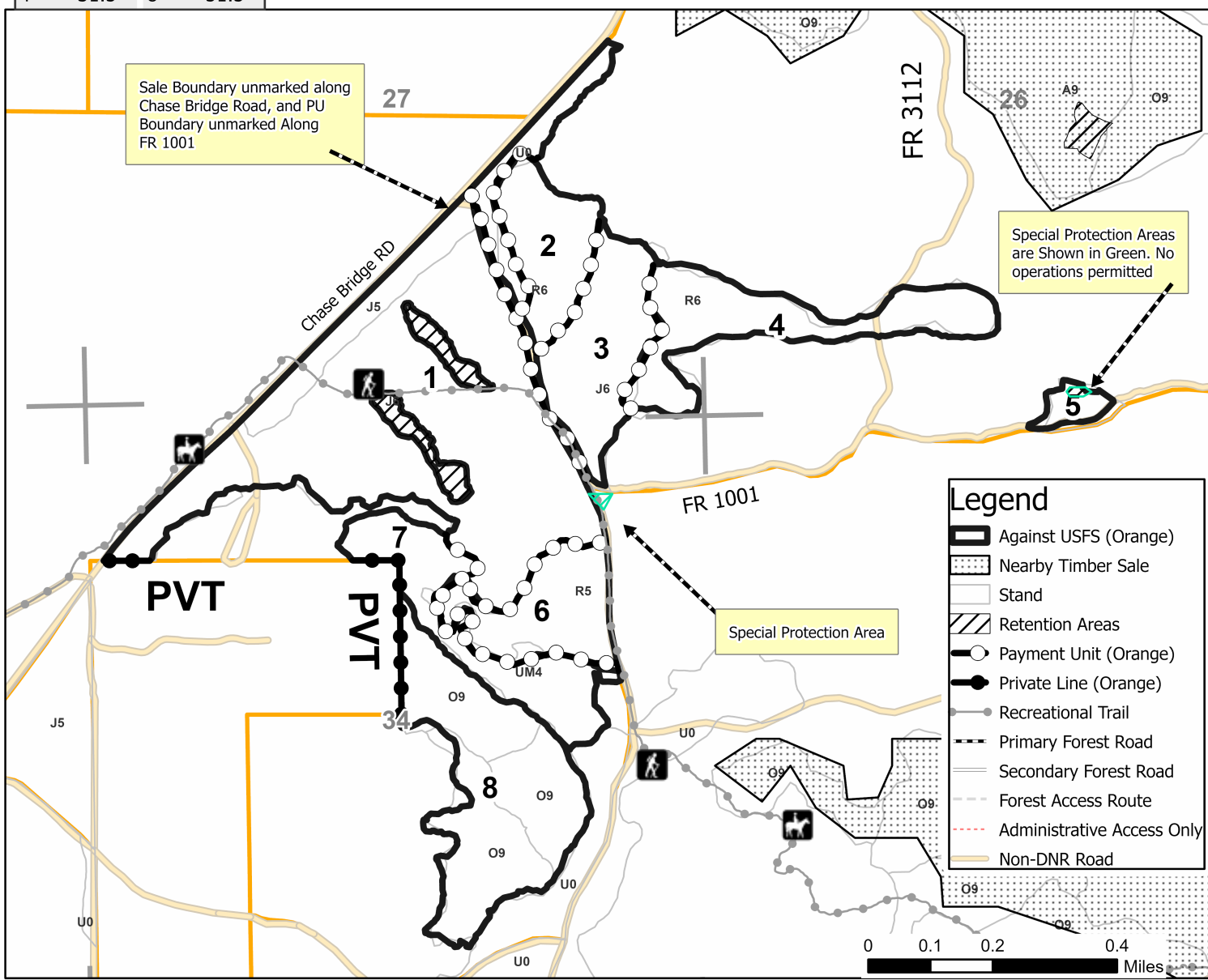


PU #	Acres	PU #	Acres
1	131.5	5	3.7
2	19.8	6	23
3	27.6	7	27
4	31.5	8	51.5

GNA2 Canoe Camp KW

315.6 Acres

Compartments 037 and 035



TIMBER SALE INFORMATION

GNA2 Canoe Camp North (72-840-24)

T26N, R01W, SEC. 30; T26N, R02W, SEC. 25; T26N, R02W, SEC. 26; T26N, R02W, SEC. 27.
Crawford County (Advertised Price \$237,010.85)

SALE NOTE: Armoring of the approach to Chase Bridge Road off of Forest Road 1001 is required if used. Forest Road 3114 and 3112 will require widening and improving prior to hauling. Red pine Payment Units 6, 8, and 9 have Heterobasidion Root Disease and Bark Slippage restrictions. Payment Units 1 and 4 are also bark slippage restricted. Entire sale is oak wilt restricted. 5-year contract due to restrictions and acreage. First thinning in red pine Payment Units which are to be row thinned. Oak varies from average to good in form and quality. Aspen is variable in the oak but of good quality in most of the aspen units.

Access may be through other public 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:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Black/Red (Hybrid) Oak	151.1 MBF	\$ 144.00 / MBF
Quaking Aspen	29.4 MBF	\$ 102.00 / MBF
Red Maple	21.6 MBF	\$ 88.00 / MBF
Red Pine	63.9 MBF	\$ 133.00 / MBF
White Oak	9.5 MBF	\$ 110.00 / MBF
Pulpwood		
Jack Pine	84 Cords	\$ 22.25 / Cord
Mixed Aspen	4,123 Cords	\$ 28.40 / Cord
Mixed Oak	444 Cords	\$ 27.50 / Cord
Red Maple	675 Cords	\$ 33.10 / Cord
Red Pine	829 Cords	\$ 57.05 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 27.23 percent. There are an estimated 6,800 cords on this timber sale, plus or minus 1,852 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:

- A bond in the amount of \$11,851.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule :
 - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - The 10% down payment will be credited towards the first unit cut.
 - Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	12.3%
02	16.6%
03	16.7%
04	9.1%
05	16.9%
06	5.7%
07	3.3%
08	5.5%
09	13.9%

- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 03/31/2029.

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
537,213	6,800	27.23%	4,948	8,652

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			RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	18,057	229	42.95%	130	327
2	348,625	4,413	22.37%	3,426	5,400
3	22,633	286	33.95%	189	384
9	43,936	556	25.68%	413	699
11	47,329	599	33.28%	400	798
12	56,633	717	26.90%	524	910
TOTAL:	537,213	6,800		5,083	8,518

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	9.4	8	9.4
2	124.3	2	38.4
		3	38.7
		4	0.3
		5	39.3
		7	7.6
3	29.4	6	29.4
9	56.6	2	0.1
		3	0.2
		4	56.3
11	60.9	9	60.9
12	62.2	1	62.2
TOTAL:	342.8		342.8

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Black/Red (Hybrid <i>Red Oak</i> Quaking Aspen Red Maple White Oak Mixed Aspen <i>Quaking Aspen</i> Mixed Oak <i>Red Oak</i> <i>White Oak</i> Red Maple	Sawtimber	91.3	MBF	62.2	\$29,103.60	
			91.3	<i>MBF</i>			
		Pulpwood	16.4	MBF			
			16.8	MBF			
			3.8	MBF			
			45	Cords			
			45	<i>Cords</i>			
			215	Cords			
			130	<i>Cords</i>			
			85	<i>Cords</i>			
157	Cords						
2	Black/Red (Hybrid <i>/Red (Hybrid) Oak</i> Red Maple Mixed Aspen <i>B. T. Aspen</i> Red Maple	Sawtimber	0.1	MBF	38.5	\$39,334.60	
			0.1	<i>MBF</i>			
		Pulpwood	1.5	MBF			
			1,247	Cords			
			1,247	<i>Cords</i>			
			114	Cords			
3	Black/Red (Hybrid <i>/Red (Hybrid) Oak</i> Red Maple Mixed Aspen <i>B. T. Aspen</i> Red Maple	Sawtimber	0.2	MBF	38.9	\$39,637.70	
			0.2	<i>MBF</i>			
		Pulpwood	1.5	MBF			
			1,256	Cords			
			1,256	<i>Cords</i>			
			115	Cords			
4	Black/Red (Hybrid <i>/Red (Hybrid) Oak</i> <i>Red Oak</i> Quaking Aspen White Oak Jack Pine Mixed Aspen <i>B. T. Aspen</i> <i>Quaking Aspen</i> Mixed Oak <i>Northern Pin Oak</i> <i>/Red (Hybrid) Oak</i> <i>Northern Pin Oak</i> <i>Red Oak</i> <i>White Oak</i> Red Maple	Sawtimber	58.0	MBF	56.6	\$21,631.80	
			45.0	<i>MBF</i>			
			13.0	<i>MBF</i>			
			13.0	MBF			
			2.9	MBF			
			4	Cords			
		Pulpwood	46	Cords			
			10	<i>Cords</i>			
			36	<i>Cords</i>			
			193	Cords			
			Sawtimber Pulpwood	1.0			<i>MBF</i>
				113			<i>Cords</i>
				15			<i>Cords</i>
				8			<i>Cords</i>
				55			<i>Cords</i>
				149			Cords
5	Red Maple Mixed Aspen <i>B. T. Aspen</i> Red Maple	Sawtimber	1.5	MBF	39.3	\$40,181.60	
			1,275	Cords			
		Pulpwood	1,275	<i>Cords</i>			
			116	Cords			
6	Red Pine Jack Pine Mixed Aspen <i>Quaking Aspen</i> Red Pine	Sawtimber	16.2	MBF	29.4	\$13,433.05	
			Pulpwood	80			Cords
		3		Cords			
		3		<i>Cords</i>			
		165	Cords				
7	Red Maple Mixed Aspen <i>B. T. Aspen</i> Red Maple	Sawtimber	0.3	MBF	7.6	\$7,769.40	
			Pulpwood	247			Cords
		247		<i>Cords</i>			
		22	Cords				
8	Black/Red (Hybrid <i>Red Oak</i> Red Pine	Sawtimber	1.5	MBF	9.4	\$13,011.15	
			1.5	<i>MBF</i>			
			33.8	MBF			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
8 con't	Mixed Oak	Pulpwood	1	Cords		
	<i>Red Oak</i>		1	<i>Cords</i>		
	Red Pine		145	Cords		
9	Red Pine	Sawtimber	13.9	MBF	60.9	\$32,907.95
	White Oak	Pulpwood	2.8	MBF		
	Mixed Aspen		4	Cords		
	<i>Quaking Aspen</i>		4	<i>Cords</i>		
	Mixed Oak		35	Cords		
	<i>Red Oak</i>		32	<i>Cords</i>		
	<i>White Oak</i>		3	<i>Cords</i>		
	Red Maple		2	Cords		
	Red Pine		519	Cords		
TOTAL:			275.5	MBF		
TOTAL:			6,155	Cords		

Sale Specific Conditions & Requirements

Sale Name: GNA2 Canoe Camp North

Sale Number: 72-840-24 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 orange paint. Exterior sale boundary lines against private property are marked with orange paint. Exterior sale boundary lines against state are marked with orange paint. Exterior sale boundary lines against forest service are marked with orange paint. Interior Payment Unit boundaries are marked with orange paint. Retention patches are marked with orange paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 2, 3, 5, and 7, cut all aspen and red maple trees that are two (2) inches or more at DBH.

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

Within Payment Unit(s) 1 and 4, cut all oak, aspen, red maple and jack pine trees that are two (2) inches or more at DBH. In addition, do not cut any trees marked with orange paint above and below stump height.

2.1.8 - Designated plantation row unit(s) (12/08)

Within Payment Unit(s) 6, 8, and 9, all red pine trees which meet minimum piece specifications in 2.2 Utilization, within designated plantation rows are designated for cutting. Designated plantation rows are not easily identified. Designated plantation rows are identified by blue paint marked at intervals down the cut rows. In addition, cut all oak that is within a cut row or marked with blue paint.

2.2 - Utilization

2.2.10 - No chipping tops and limbs (8/16)

Within Payment Unit(s) 1-9, chipping of limbs or tops is not permitted. Limbs and the remaining top must be left on site and scattered. For silvicultural considerations, tops and limbs shall be left at the stump where possible.

2.2.12 - GNA, cut and remove Included Timber (3/18)

Unless provided otherwise herein, the DNR agrees to sell and permit Purchaser to cut and remove Included Timber and Purchaser agrees to purchase, cut, and remove Included Timber.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

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. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 10% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber, or at a rate of \$50.00 per sawtimber tree and \$25.00 per pole sized tree, whichever is greater.

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, or utilized to close access roads and landings.

4.1.4 - Timber removed for construction (3/23)

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 contract prices or average prices, if not on the contract. These locations shall be agreed upon prior to landing and road construction.

4.1.6 - Road construction (4/24)

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 back from the road edge, unless the stumps will be used to close the road upon completion. 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. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

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

The following road work is required if the Purchaser uses Forest Road 1001, east of Chase Bridge Road, to access the sale: the approach to Chase Bridge Road must be armored with at least 6 inches of crushed gravel or limestone prior to hauling. Forest Road 3112 and Forest Road 3114 will need improvement/reconstruction prior to hauling.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

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. Only approved material may be utilized as fill. Contact the Sale Administrator for approval prior to placing any material in the road.

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: If appreciable deterioration of any Numbered Forest Road occurs, 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. Forest Road 1001 has recently been upgraded and improved. All Numbered Forest Roads need to be adequately maintained throughout operations.

4.2.4 - Grading (10/16)

For completion of the sale, Federal 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.

5 - Operations

5.1 - Notification

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 business days prior to the

completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications. This is to ensure the Sale Area is adequately repaired before equipment is moved off site.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 4, 6, 8 and 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.

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within the Sale Area, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

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.

5.2.3.13 - Heterobasidion root disease (HRD) (7/19)

This plantation is at risk of infection by the root rot fungus, Heterobasidion irregulare. To prevent the spread of this disease, cutting operations within Payment Unit(s) 6, 8 and 9 are restricted to the period of January 1st through March 31st. Cutting may only occur outside this period with written permission of the Unit Manager or with the application of a preventative pesticide. Consultation with a forest health specialist will determine if cutting can occur prior to January 1 without pesticide application, dependent upon current and forecasted snow cover. Cellu-Treat and RotStop C are currently the only EPA registered products available in the United States for the control of Heterobasidion. Both products are a water-soluble powder that must be applied to the stump, in accordance with the product label. Dye must be added to these products to provide visible evidence of adequate coverage. Application of these pesticides requires licensing by the Michigan Department of Agriculture and Rural Development. All applicators are required to: provide to the Sale Administrator notification of application per requirements in 40 CFR 170.120; and document and provide to the Sale Administrator annually, by December 31 and prior to closure of sale, the volume of product used and acres treated.

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.

5.6 - Debris and Waste Material

5.6.2 - GNA, equipment cleaning (4/24)

(a) Areas, known by the DNR prior to timber sale advertisement, that are infested with invasive species of concern are shown on the Timber Sale Map. A current list of invasive species of concern and a map showing the extent of known

infestations is available from the DNR. For purposes of this provision, "Off-Road Equipment" includes all logging and construction machinery, except for log trucks, chip vans, service vehicles, water trucks, pickup trucks, cars, and similar vehicles.

(b) Purchaser shall adhere to the following requirements with regard to cleaning "Off-Road Equipment":

(i) Prior to moving Off-Road Equipment onto the Sale Area, Purchaser shall identify the location of the equipment's most recent operation. Purchaser shall not move any Off-Road Equipment that last operated in an area infested with one or more invasive species of concern onto Sale Area without having cleaned such equipment of seeds, soil, vegetative matter, and other debris that could contain or hold seeds, and having notified the DNR, as provided in (iii). If the location of prior operation cannot be identified, then Purchaser shall assume that the location is infested with invasive species of concern.

(ii) Prior to moving Off-Road Equipment from a cutting unit that is shown on the Timber Sale Map to be infested with invasive species of concern to, or through any other area that is shown as being free of invasive species of concern, or infested with a different invasive species, Purchaser shall clean such equipment of seeds, soil, vegetative matter, and other debris that could contain or hold seeds, and shall notify the DNR, as provided in (iii).

(iii) Prior to moving any Off-Road Equipment subject to the cleaning requirements set forth above, Purchaser shall advise DNR of its cleaning measures and make the equipment available for inspection. DNR shall have 2 days, excluding weekends and State holidays, to inspect equipment after it has been made available. After satisfactory inspection or after such 2 day period, Purchaser may move the equipment as planned. Equipment shall be considered clean when a visual inspection does not disclose seeds, soil, vegetative matter, and other debris that could contain or hold seeds. Purchaser shall not be required to disassemble equipment unless so directed by the DNR after inspection.

(iv) If Purchaser desires to clean Off-Road Equipment on National Forest land, such as at the end of a project or prior to moving to, or through an area that is free of invasive species of concern, Purchaser shall obtain prior approval from the Unit Manager or his/her representative as to the location for such cleaning and measures, if any, for controlling impacts.

(v) Unit Manager or his/her representative may order delay, interruption, or modification of this Contract pursuant to Condition & Requirement 7.3 or 7.3.4.

(c) Nothing contained in this Condition & Requirement shall be interpreted as creating any warranty on the part of the DNR that all locations of invasive species of concern have been described herein, elsewhere in this Contract, or designated on the ground. Following sale advertisement, additional locations may be described or designated, and other species may be added to the list of invasive species of concern. In such event, the Unit Manager or his/her representative may order delay, interruption, or modification of this Contract pursuant to Condition & Requirement 7.3 or 7.3.4.

(d) The parties shall promptly communicate with one another with respect to description or designation of additional locations; discovery of locations of new species or new infestation; and, addition of species to the list of invasive species of concern.

5.8 - Protection of Endangered Species

5.8.3 - Red shoulder hawk or goshawk (1) (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

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 all haul route roads, including M-72 or Chase Bridge Road, prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

7 - Other Conditions

SKIP

7.1.1 - GNA, title (7/16)

General Condition & Requirement 7.1 is inapplicable. The following applies to this contract.

All right, title, and interest in and to any Included Timber shall remain in USDA Forest Service with the State of Michigan acting on behalf of the USDA Forest Service under this GNA contract, until it has been Measured, removed from Sale Area or other authorized cutting area, and paid for, at which time title shall vest in Purchaser. Title to any Included Timber that has been Measured and paid for, but not removed from Sale Area or other authorized cutting area by Purchaser on or prior to Termination Date, shall remain in USDA Forest Service.

7.3 - Contract Modifications

7.3.4 - GNA, contract suspension and modification (5/16)

(a) The Unit Manager may, by written order, delay or interrupt authorized operations under this contract or, notwithstanding Condition & Requirement 7.3, modify this contract, in whole or in part:

(i) To prevent environmental degradation or resource damage, including, but not limited to, harm to habitat, plants, animals, cultural resources, or cave resources;

(ii) To ensure consistency with land and resource management plans or other documents prepared pursuant to the National Environmental Policy Act of 1969, 42 USC 4321-4347;

(iii) To conduct environmental analysis, including, but not limited to, engaging in consultation pursuant to the Endangered Species Act of 1973, 16 USC 1531, et seq.; or

(iv) Upon agreement of the Forest Service, due to administrative appeal or litigation, regardless of whether the Unit Manager's order is required by a court order or this contract is named in such a proceeding.

(b) In the event of an order delaying or interrupting Purchaser's Operations under this Condition & Requirement, Purchaser's remedy shall be:

(i) a no cost contract extension,

(ii) reimbursement for Out-of-Pocket Expenses,

however, the foregoing remedies shall be available only to the extent that the Unit Manager's order was the sole and exclusive cause of the delay or interruption of Purchaser's operations.

(c) Remedies awarded to the Purchaser shall not be duplicative, and the Unit Manager shall have the right to structure remedies provided herein to avoid duplicative compensation.

(d) Purchaser agrees that this Condition & Requirement, and the remedies provided herein shall apply regardless of any

finding by any court that the DNR failed to comply with any statute, regulation and/or policy in connection with awarding, advertising, or authorizing this sale, or a similar sale.

7.5 - Loss

7.5.2 - GNA, liability for loss (7/16)

If Included Timber is destroyed or damaged by an unexpected event that changes the nature of Included Timber, such as wind, flood, insects, disease, or similar cause, the Purchaser shall bear the timber value loss resulting from such destruction or damage.

Deterioration or loss of timber value due to delay or interruption under 7.3.4 - GNA, contract suspension and modification, shall be borne by the party holding title. In this event, Included Timber to which USDA Forest Service holds title, Purchaser of the State GNA contract will not be obligated to remove and pay for such timber. This Subsection shall not be construed to relieve either party of liability for negligence.

7.10 - Certified Timber

7.10.1 - Non-certified timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale belong to the National Forest system and are being managed by the State as part of a Good Neighbor Authority (GNA) agreement.



TIMBER SALE MAP

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

Sale Number

72-840-24

Date

07/01/2024

Forest Management Unit

Grayling Mgt Unit

County

Crawford

Mapped By: Price

Cruised By: Contractor, Price, and Lovelace

Scale

1:20,000

Page

1

Of

1

Township
26N

Range
01W / 02W

Section(s) and
Subdivision(s) Sec. 30 SWNW,NWSW;

Sec. 25 NW,N1/2NE,NWSW,NWSE,S1/2SE; Sec. 26 NW,NE,NESW,N1/2SE; Sec. 27 E1/2NE

Cover Type

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

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

Use QR Code to open Map in App



PU #	Acres	PU #	Acres
1	62.2	6	29.4
2	38.5	7	7.6
3	38.9	8	9.4
4	56.6	9	60.9
5	39.3		

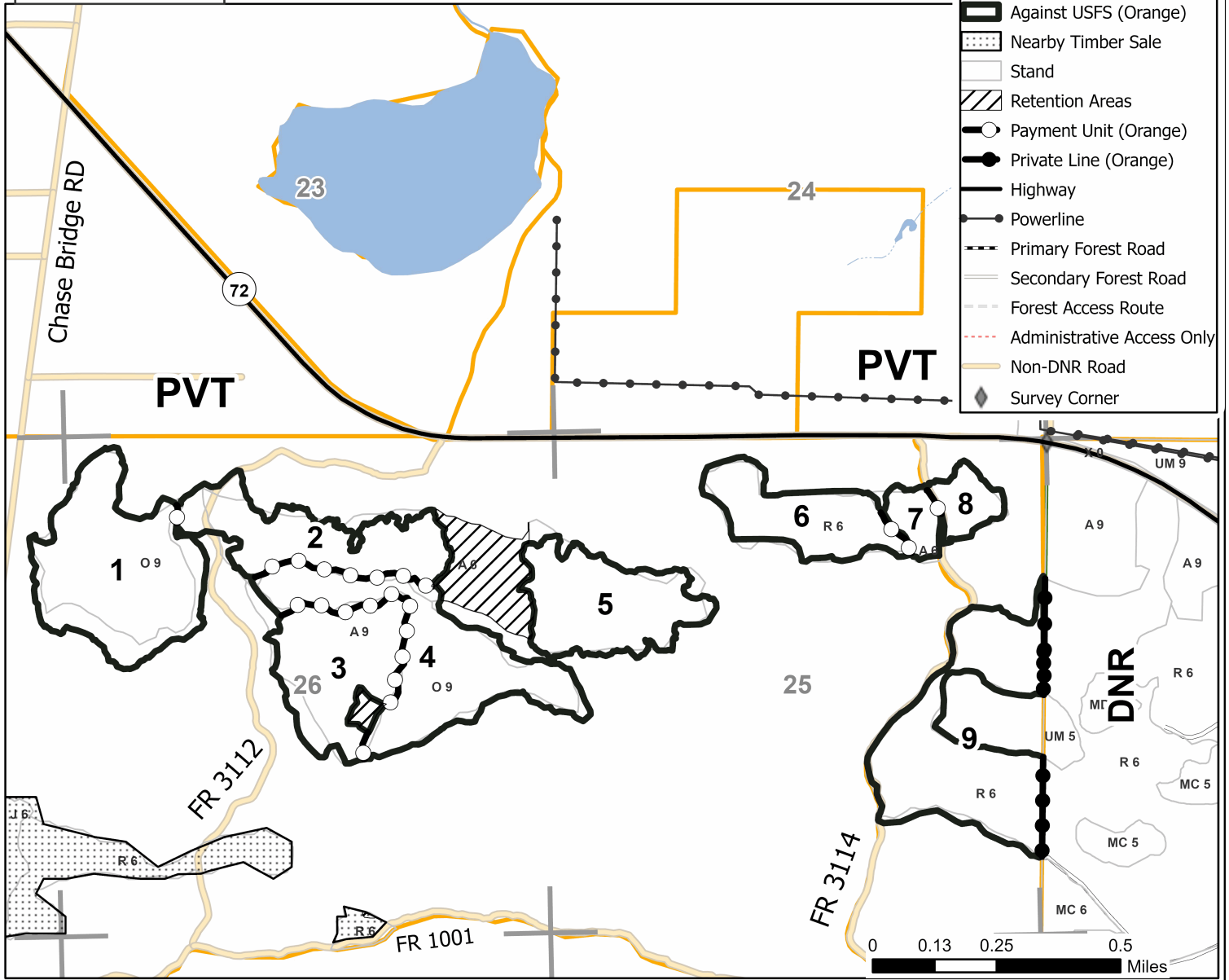
GNA2 Canoe Camp North

342.8 Acres

Compartments 037 and 046

Legend

- Against USFS (Orange)
- Nearby Timber Sale
- Stand
- Retention Areas
- Payment Unit (Orange)
- Private Line (Orange)
- Highway
- Powerline
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- Survey Corner



TIMBER SALE INFORMATION

GNA2 Canoe Camp South (72-841-24)

T26N, R01W, SEC. 31; T26N, R02W, SEC. 35; T26N, R02W, SEC. 36.
Crawford County (Advertised Price \$350,864.45)

SALE NOTE: Sale is on well drained rolling hills. Access may be through federal land or through state and federal land. Access to Sale Area will require opening closed roads or improving existing roads. If Forest Road 1001 is used to haul out to Chase Bridge Road, there is a requirement to armor the approach to Chase Bridge Road with at least 6 inches of gravel or crushed limestone. Forest Road 1001 has recently been improved and is protected in specs. Hybrid Oak ranges from fair to good quality. Northern pin oak is of average quality for the area (poor to fair). Hard oak wilt spec per USFS requirement. Notify Sale Administrator immediately if any Raptor Nests are found during operations. Condition 5.2.3.14 (Heterobasidion Root Disease Restriction) only applies if red pine or white pine must be cut for improving access roads, landing locations, or operability in Payment Units 7, 8 and 9. Red pine and white pine are not Included Timber and are to be protected throughout the sale.

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 or other public 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:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Black/Red (Hybrid) Oak	1,110.7 MBF	\$ 144.00 / MBF
Quaking Aspen	388.3 MBF	\$ 102.00 / MBF
Red Maple	84.3 MBF	\$ 88.00 / MBF
White Oak	52.6 MBF	\$ 110.00 / MBF
Pulpwood		
Jack Pine	95 Cords	\$ 22.25 / Cord
Mixed Hardwood	3,527 Cords	\$ 33.10 / Cord
Quaking Aspen	678 Cords	\$ 28.40 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 7.03 percent. There are an estimated 8,131 cords on this timber sale, plus or minus 572 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 \$17,543.00 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	8.2%
02	4.7%
03	8.4%
04	9.3%
05	21.1%
06	14.1%
07	10.8%
08	6.7%
09	12.4%
10	1.6%
11	2.7%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2029.

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
642,377	8,131	7.03%	7,559	8,704

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
2	34,118	432	31.85%	294	569
4	133,085	1,685	13.33%	1,460	1,909
11	61,646	780	31.17%	537	1,024
15	11,356	144	44.70%	79	208
16	17,964	227	45.16%	125	330
19	66,743	845	23.21%	649	1,041
24	7,881	100	62.01%	38	162
25	47,720	604	23.10%	464	744
26	19,490	247	61.02%	96	397
29	10,690	135	67.93%	43	227
30	50,972	645	20.72%	512	779
31	50,618	641	21.60%	502	779
34	70,054	887	22.70%	685	1,088
119	31,970	405	33.11%	271	539
124	28,069	355	33.13%	238	473
TOTAL:	642,377	8,131		5,994	10,269

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
2	25.7	5	24.4
		6	1.3
4	104.3	5	39.2
		6	65.1
11	40.5	4	40.5
15	16.8	1	13.1
		2	3.7
16	16.8	1	16.8
19	54.9	1	13.6
		3	41.3
24	12.8	1	12.8
25	38.8	4	2.3
		5	36.2
		9	0.3
26	6.9	11	6.9
29	13.4	10	13.4
30	36.5	9	36.5
31	37.9	7	37.9
34	77.0	7	26.8
		8	50.2
119	34.5	2	34.5
124	24.1	8	0.1
		9	24.0
TOTAL:	540.9		540.9

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE					
1	Black/Red (Hybrid /Red (Hybrid) Oak Northern Pin Oak Quaking Aspen White Oak Jack Pine Jack Pine Mixed Hardwood /Red (Hybrid) Oak Northern Pin Oak Red Maple White Oak Quaking Aspen	Sawtimber	77.2	MBF	56.3	\$28,644.35					
			70.5	MBF							
			6.7	MBF							
		72.3	MBF								
		14.1	MBF								
		Pulpwood	7	Cords							
			7	Cords							
			226	Cords							
			90	Cords							
			8	Cords							
			69	Cords							
			59	Cords							
			34	Cords							
			2	Black/Red (Hybrid /Red (Hybrid) Oak Northern Pin Oak Quaking Aspen White Oak Mixed Hardwood /Red (Hybrid) Oak Northern Pin Oak Red Maple White Oak Quaking Aspen			Sawtimber	15.2	MBF	38.2	\$16,605.80
8.0	MBF										
7.2	MBF										
42.3	MBF										
14.1	MBF										
Pulpwood	194	Cords									
	8	Cords									
	47	Cords									
	112	Cords									
	27	Cords									
	75	Cords									
	3	Black/Red (Hybrid /Red (Hybrid) Oak Northern Pin Oak Quaking Aspen White Oak Mixed Hardwood /Red (Hybrid) Oak Northern Pin Oak Red Maple White Oak Quaking Aspen			Sawtimber	114.6	MBF	41.3	\$29,515.60		
						113.7	MBF				
						0.9	MBF				
			36.3	MBF							
2.1			MBF								
Pulpwood			252	Cords							
			141	Cords							
			3	Cords							
			84	Cords							
			24	Cords							
			26	Cords							
			4	Black/Red (Hybrid /Red (Hybrid) Oak Quaking Aspen Red Maple White Oak Mixed Hardwood /Red (Hybrid) Oak Red Maple White Oak Quaking Aspen	Sawtimber	79.0	MBF			42.8	\$32,575.80
						79.0	MBF				
						54.4	MBF				
	5.6	MBF									
0.1	MBF										
Pulpwood	268	Cords									
	106	Cords									
	143	Cords									
	19	Cords									
	221	Cords									
	5	Black/Red (Hybrid /Red (Hybrid) Oak Quaking Aspen Red Maple White Oak Mixed Hardwood Sugar Maple /Red (Hybrid) Oak Red Maple Sugar Maple White Oak			Sawtimber	291.5	MBF	99.8	\$73,983.50		
			291.5	MBF							
			53.3	MBF							
19.5			MBF								
3.4			MBF								
Pulpwood			707	Cords							
			1.9	MBF							
			421	Cords							
			234	Cords							
			2	Cords							
			46	Cords							

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Quaking Aspen	Pulpwood	38	Cords		
6	Black/Red (Hybrid /Red (Hybrid) Oak Quaking Aspen Red Maple White Oak Mixed Hardwood Sugar Maple /Red (Hybrid) Oak Red Maple White Oak Quaking Aspen	Sawtimber Pulpwood Sawtimber Pulpwood	201.0 201.0 26.0 20.5 0.1 462 0.1 306 131 25 32	MBF MBF MBF MBF Cords MBF Cords Cords Cords Cords	66.4	\$49,612.00
7	Black/Red (Hybrid /Red (Hybrid) Oak Northern Pin Oak Quaking Aspen Red Maple White Oak Jack Pine Jack Pine Jack Pine Mixed Hardwood /Red (Hybrid) Oak Northern Pin Oak Red Maple White Oak Quaking Aspen	Sawtimber Pulpwood Sawtimber Pulpwood	92.6 89.8 2.8 18.7 13.5 7.8 31 1.9 27 545 303 21 160 61 62	MBF MBF MBF MBF MBF MBF Cords MBF Cords Cords Cords Cords Cords Cords Cords	64.7	\$37,777.85
8	Black/Red (Hybrid /Red (Hybrid) Oak Northern Pin Oak Quaking Aspen Red Maple White Oak Jack Pine Jack Pine Jack Pine Mixed Hardwood /Red (Hybrid) Oak Northern Pin Oak Red Maple White Oak Quaking Aspen	Sawtimber Pulpwood Sawtimber Pulpwood	65.6 60.4 5.2 8.3 25.2 5.9 57 3.6 50 264 96 39 92 37 12	MBF MBF MBF MBF MBF MBF Cords MBF Cords Cords Cords Cords Cords Cords Cords	50.3	\$23,507.05
9	Black/Red (Hybrid /Red (Hybrid) Oak Quaking Aspen White Oak Mixed Hardwood /Red (Hybrid) Oak Red Maple White Oak Quaking Aspen	Sawtimber Pulpwood	147.2 147.2 36.5 0.9 484 324 134 26 87	MBF MBF MBF MBF Cords Cords Cords Cords Cords	60.8	\$43,510.00
10	Black/Red (Hybrid /Red (Hybrid) Oak Quaking Aspen Mixed Hardwood /Red (Hybrid) Oak	Sawtimber Pulpwood	16.8 16.8 2.2 62 22	MBF MBF MBF Cords Cords	13.4	\$5,519.40

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
10 con't	<i>Red Maple</i>	<i>Pulpwood</i>	38	<i>Cords</i>		
	<i>White Oak</i>		2	<i>Cords</i>		
	Quaking Aspen		29	Cords		
11	Black/Red (Hybrid /Red (Hybrid) Oak	Sawtimber	10.0	MBF	6.9	\$9,613.10
	Quaking Aspen		10.0	MBF		
	White Oak		38.0	MBF		
	Mixed Hardwood		4.1	MBF		
	/Red (Hybrid) Oak	Pulpwood	63	Cords		
	<i>Red Maple</i>		24	<i>Cords</i>		
	<i>White Oak</i>		30	<i>Cords</i>		
	Quaking Aspen		9	<i>Cords</i>		
			62	Cords		
TOTAL:			1,635.9	MBF		
TOTAL:			4,300	Cords		

Sale Specific Conditions & Requirements

Sale Name: GNA2 Canoe Camp South

Sale Number: 72-841-24 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 orange paint. Exterior sale boundary lines against private property are marked with orange paint. Exterior sale boundary lines against state are marked with orange paint. Exterior sale boundary lines against forest service are marked with orange paint. Interior Payment Unit boundaries are marked with orange paint on both sides of trees. Retention patches are marked with orange paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. Orange painted trees designating an interior Payment Unit boundary are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 11, cut all red maple and aspen trees that are two (2) inches or more at DBH. In addition, cut all oak trees that are greater than eight (8) inches at DBH.

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

Within Payment Unit(s) 1-10, all trees which meet minimum piece specifications in 2.2 Utilization are designated for cutting, except do not cut any red pine, white pine, or any trees marked with orange paint above and below stump height. In addition, cut all red maple trees that are two (2) inches or more at DBH.

2.2 - Utilization

2.2.10 - No chipping tops and limbs (8/16)

Within Payment Unit(s) 1-10, chipping of limbs or tops is not permitted. Limbs and the remaining top must be left on site and scattered. To deter deer browse, tops shall not be broken down and shall be scattered over stumps, where possible.

2.2.12 - GNA, cut and remove Included Timber (3/18)

Unless provided otherwise herein, the DNR agrees to sell and permit Purchaser to cut and remove Included Timber and Purchaser agrees to purchase, cut, and remove Included Timber.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-9 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

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.

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, or at a rate of \$50.00 per sawtimber tree and \$25.00 per pole sized tree, whichever is greater.

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 (3/23)

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 contract prices or average prices, if not on the contract.

4.1.6 - Road construction (4/24)

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. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

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

The following road work is required if the Purchaser uses Chase Bridge Road to access the sale: The approach to Chase Bridge Road on Forest Road 1001 must be armored with at least 6 inches of crushed gravel or limestone for 50ft, prior to removing forest products.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: Within 60 days of completion of hauling, or if no hauling occurs for 60 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 the grading/repair does not occur. Forest Road 1001 has been recently improved by the USFS. The road is to be maintained and repaired to equal or better condition prior to operations.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser.

5 - Operations

5.1 - Notification

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 business days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.13 - Dispose of slash as directed (12/05)

Slash is to be disposed of as directed by the Sale Administrator. Slash is not to be chipped and should be left in the sale, either at the stump or in loose piles. To deter deer browse, slash should not be broken down or driven over where

possible.

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

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 1-11, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.3.14 - Heterobasidion root disease (HRD) (3/21)

This plantation is at risk of infection by the root rot fungus, Heterobasidion irregulare. To prevent the spread of this disease, cutting operations within Payment Unit(s) 7, 8 and 9, are restricted to the period of January 1st through February 28th. Cutting may only occur outside this period with written permission of the Unit Manager or with the application of a preventative pesticide. Consultation with a forest health specialist will determine if cutting can occur prior to January 1 without pesticide application, dependent upon current and forecasted snow cover. Cellu-Treat and RotStop C are currently the only EPA registered products available in the United States for the control of Heterobasidion. Both products are a water-soluble powder that must be applied to the stump, in accordance with the product label. Dye must be added to these products to provide visible evidence of adequate coverage. Application of these pesticides requires licensing by the Michigan Department of Agriculture and Rural Development. All applicators are required to: provide to the Sale Administrator notification of application per requirements in 40 CFR 170.120; and document and provide to the Sale Administrator annually, by December 31 and prior to closure of sale, the volume of product used and acres treated. NOTE: Red pine and white pine are not Included Timber in this contract and are to be protected. This spec only applies if red pine or white pine are to be cut for operability. The Purchaser is encouraged to evaluate Payment Units for landing locations to avoid needing to remove red pine and spray stumps. Isolated areas in the Southeast portion of the sale are the biggest areas of concern where red pine density impacts sale access.

5.2.3.15 - Oak wilt restriction, access roads (11/23)

Brushing of access roads to Payment Unit(s) must be completed prior to April 15 in order to use these roads for hauling timber or moving machinery between April 15 and July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.29 - Shrub protection (1/20)

Reasonable care shall be taken to avoid cutting or damaging hawthorn, or serviceberry. These woody-shrub plants are highly beneficial to various wildlife species.

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 Shore to Shore Trail is a hiking and horse trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue 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

5.4.2 - 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.

5.6 - Debris and Waste Material

5.6.2 - GNA, equipment cleaning (4/24)

(a) Areas, known by the DNR prior to timber sale advertisement, that are infested with invasive species of concern are shown on the Timber Sale Map. A current list of invasive species of concern and a map showing the extent of known infestations is available from the DNR. For purposes of this provision, "Off-Road Equipment" includes all logging and construction machinery, except for log trucks, chip vans, service vehicles, water trucks, pickup trucks, cars, and similar vehicles.

(b) Purchaser shall adhere to the following requirements with regard to cleaning "Off-Road Equipment":

(i) Prior to moving Off-Road Equipment onto the Sale Area, Purchaser shall identify the location of the equipment's most recent operation. Purchaser shall not move any Off-Road Equipment that last operated in an area infested with one or more invasive species of concern onto Sale Area without having cleaned such equipment of seeds, soil, vegetative matter, and other debris that could contain or hold seeds, and having notified the DNR, as provided in (iii). If the location of prior operation cannot be identified, then Purchaser shall assume that the location is infested with invasive species of concern.

(ii) Prior to moving Off-Road Equipment from a cutting unit that is shown on the Timber Sale Map to be infested with invasive species of concern to, or through any other area that is shown as being free of invasive species of concern, or infested with a different invasive species, Purchaser shall clean such equipment of seeds, soil, vegetative matter, and other debris that could contain or hold seeds, and shall notify the DNR, as provided in (iii).

(iii) Prior to moving any Off-Road Equipment subject to the cleaning requirements set forth above, Purchaser shall advise DNR of its cleaning measures and make the equipment available for inspection. DNR shall have 2 days, excluding weekends and State holidays, to inspect equipment after it has been made available. After satisfactory inspection or after such 2 day period, Purchaser may move the equipment as planned. Equipment shall be considered clean when a visual inspection does not disclose seeds, soil, vegetative matter, and other debris that could contain or hold seeds. Purchaser shall not be required to disassemble equipment unless so directed by the DNR after inspection.

(iv) If Purchaser desires to clean Off-Road Equipment on National Forest land, such as at the end of a project or prior to moving to, or through an area that is free of invasive species of concern, Purchaser shall obtain prior approval from the Unit Manager or his/her representative as to the location for such cleaning and measures, if any, for controlling impacts.

(v) Unit Manager or his/her representative may order delay, interruption, or modification of this Contract pursuant to Condition & Requirement 7.3 or 7.3.4.

(c) Nothing contained in this Condition & Requirement shall be interpreted as creating any warranty on the part of the DNR that all locations of invasive species of concern have been described herein, elsewhere in this Contract, or designated on the ground. Following sale advertisement, additional locations may be described or designated, and other species may be added to the list of invasive species of concern. In such event, the Unit Manager or his/her representative may order delay, interruption, or modification of this Contract pursuant to Condition & Requirement 7.3 or 7.3.4.

(d) The parties shall promptly communicate with one another with respect to description or designation of additional locations; discovery of locations of new species or new infestation; and, addition of species to the list of invasive species of concern.

5.8 - Protection of Endangered Species

5.8.3 - Red shoulder hawk or goshawk (1) (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15. Limit biomass harvesting and chipping operations within this ten-chain zone,

retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

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 all haul roads, including Chase Bridge 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 (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the Shore to Shore 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.

7 - Other Conditions

SKIP

7.1.1 - GNA, title (7/16)

General Condition & Requirement 7.1 is inapplicable. The following applies to this contract.

All right, title, and interest in and to any Included Timber shall remain in USDA Forest Service with the State of Michigan acting on behalf of the USDA Forest Service under this GNA contract, until it has been Measured, removed from Sale Area or other authorized cutting area, and paid for, at which time title shall vest in Purchaser. Title to any Included Timber that has been Measured and paid for, but not removed from Sale Area or other authorized cutting area by Purchaser on or prior to Termination Date, shall remain in USDA Forest Service.

7.3 - Contract Modifications

7.3.2 - Modification for oak wilt (2/05)

Within the sale area, there may be patches of oak wilt. If oak wilt is identified within the sale area, this contract may be modified. The following modifications could occur: time of cutting, species to cut, volume to harvest, or various others dealing with the treatment of oak wilt. If a species is not specified in this contract, it shall be paid for at the average price received for that species and product.

7.3.4 - GNA, contract suspension and modification (5/16)

(a) The Unit Manager may, by written order, delay or interrupt authorized operations under this contract or, notwithstanding Condition & Requirement 7.3, modify this contract, in whole or in part:

(i) To prevent environmental degradation or resource damage, including, but not limited to, harm to habitat, plants, animals, cultural resources, or cave resources;

(ii) To ensure consistency with land and resource management plans or other documents prepared pursuant to the National Environmental Policy Act of 1969, 42 USC 4321-4347;

(iii) To conduct environmental analysis, including, but not limited to, engaging in consultation pursuant to the Endangered Species Act of 1973, 16 USC 1531, et seq.; or

(iv) Upon agreement of the Forest Service, due to administrative appeal or litigation, regardless of whether the Unit

Manager's order is required by a court order or this contract is named in such a proceeding.

(b) In the event of an order delaying or interrupting Purchaser's Operations under this Condition & Requirement, Purchaser's remedy shall be:

(i) a no cost contract extension,

(ii) reimbursement for Out-of-Pocket Expenses,

however, the foregoing remedies shall be available only to the extent that the Unit Manager's order was the sole and exclusive cause of the delay or interruption of Purchaser's operations.

(c) Remedies awarded to the Purchaser shall not be duplicative, and the Unit Manager shall have the right to structure remedies provided herein to avoid duplicative compensation.

(d) Purchaser agrees that this Condition & Requirement, and the remedies provided herein shall apply regardless of any finding by any court that the DNR failed to comply with any statute, regulation and/or policy in connection with awarding, advertising, or authorizing this sale, or a similar sale.

7.5 - Loss

7.5.2 - GNA, liability for loss (7/16)

If Included Timber is destroyed or damaged by an unexpected event that changes the nature of Included Timber, such as wind, flood, insects, disease, or similar cause, the Purchaser shall bear the timber value loss resulting from such destruction or damage.

Deterioration or loss of timber value due to delay or interruption under 7.3.4 - GNA, contract suspension and modification, shall be borne by the party holding title. In this event, Included Timber to which USDA Forest Service holds title, Purchaser of the State GNA contract will not be obligated to remove and pay for such timber. This Subsection shall not be construed to relieve either party of liability for negligence.

7.10 - Certified Timber

7.10.1 - Non-certified timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale belong to the National Forest system and are being managed by the State as part of a Good Neighbor Authority (GNA) agreement.



TIMBER SALE MAP

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

Sale Number

72-841-24

Date

07/08/2024

Forest Management Unit

County

Mapped By: Price

Scale

Page

Of

Grayling Mgt Unit

Crawford

Cruised By: Superior Forestry And Land Mgmt

1:20,000

1

1

Township
26N

Range
01W/02W

Section(s) and
Subdivision(s)

Sec. 31 SWSW;
Sec. 35 SENW,SWNE,N1/2SW,SESW,SE; Sec. 36 NENW,S1/2NW,NE,SW,N1/2SE,SWSE;

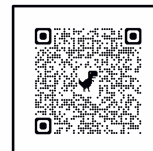
Cover Type

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

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

Use QR Code to open Map in App



GNA2 Canoe Camp South

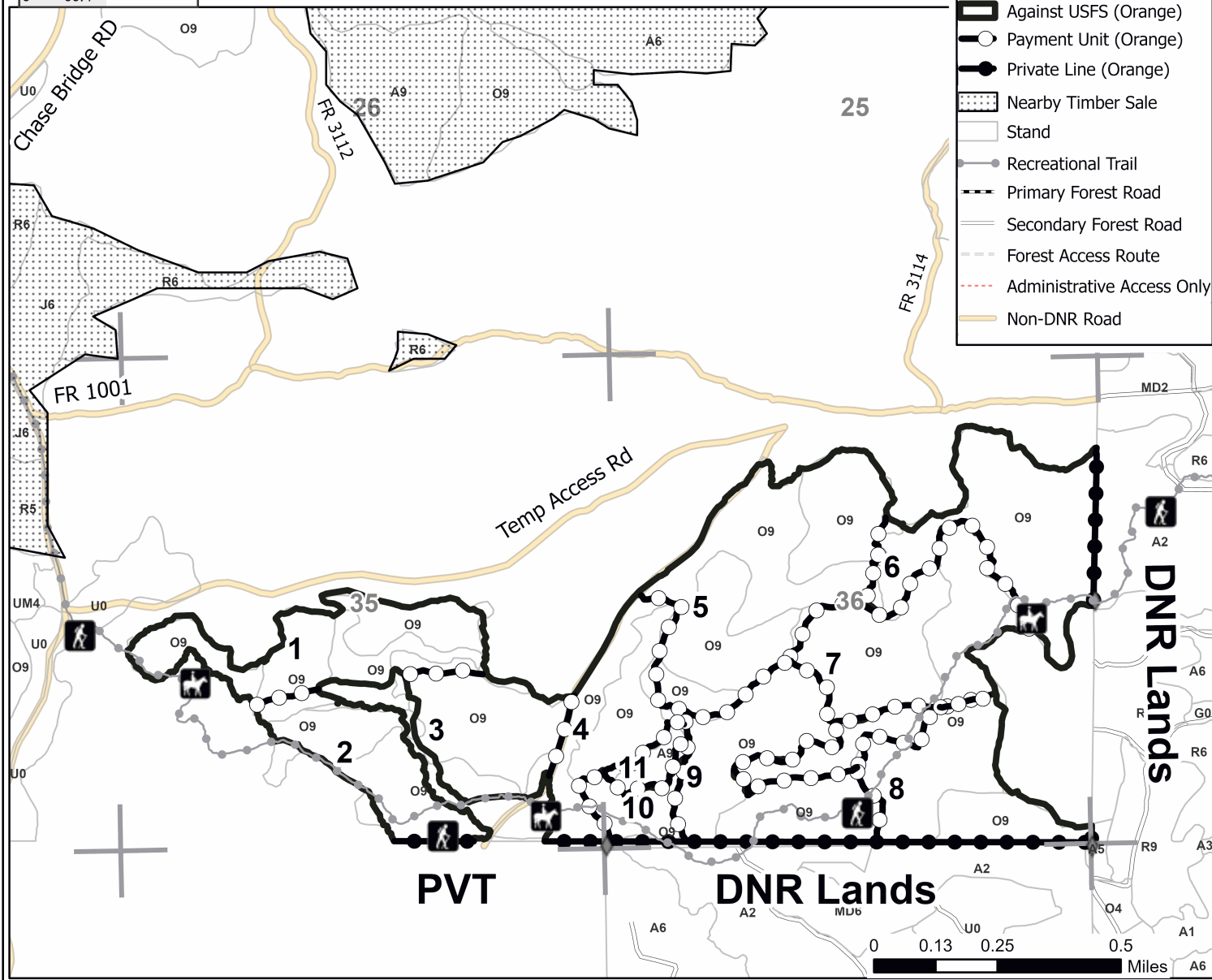
540.9 Acres

Compartments 036 and 042

PU #	Acres	PU #	Acres
1	56.3	7	64.7
2	38.2	8	50.3
3	41.3	9	60.8
4	42.8	10	13.4
5	99.8	11	6.9
6	66.4		

Legend

- Against USFS (Orange)
- Payment Unit (Orange)
- Private Line (Orange)
- Nearby Timber Sale
- Stand
- Recreational Trail
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Non-DNR Road



GNA2 Canoe Camp North (72-840-24)
T26N, R01W, SEC. 30; T26N, R02W, SEC. 25; T26N, R02W, SEC. 26; T26N,

In response to the notice of sale to be held 9:00 a.m. (local time) on August 12, 2024, 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			
Black/Red (Hybrid) Oak	151.1 MBF	\$ 144.00/MBF	\$ _____
Quaking Aspen	29.4 MBF	\$ 102.00/MBF	\$ _____
Red Maple	21.6 MBF	\$ 88.00/MBF	\$ _____
Red Pine	63.9 MBF	\$ 133.00/MBF	\$ _____
White Oak	9.5 MBF	\$ 110.00/MBF	\$ _____
Pulpwood			
Jack Pine	84 Cords	\$ 22.25/Cord	\$ _____
Mixed Aspen	4,123 Cords	\$ 28.40/Cord	\$ _____
Mixed Oak	444 Cords	\$ 27.50/Cord	\$ _____
Red Maple	675 Cords	\$ 33.10/Cord	\$ _____
Red Pine	829 Cords	\$ 57.05/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 27.23 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



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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

Please Check Appropriate Categories:

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

_____ Full-time Employees

_____ Part-time Employees

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

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

Signature of Owner or Authorized Representative

Title

Date

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

GNA2 Canoe Camp South (72-841-24)
T26N, R01W, SEC. 31; T26N, R02W, SEC. 35; T26N, R02W, SEC. 36; Crawford

In response to the notice of sale to be held 9:00 a.m. (local time) on August 12, 2024, 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			
Black/Red (Hybrid) Oak	1,110.7 MBF	\$ 144.00/MBF	\$ _____
Quaking Aspen	388.3 MBF	\$ 102.00/MBF	\$ _____
Red Maple	84.3 MBF	\$ 88.00/MBF	\$ _____
White Oak	52.6 MBF	\$ 110.00/MBF	\$ _____
Pulpwood			
Jack Pine	95 Cords	\$ 22.25/Cord	\$ _____
Mixed Hardwood	3,527 Cords	\$ 33.10/Cord	\$ _____
Quaking Aspen	678 Cords	\$ 28.40/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 7.03 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

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

Individual or company representative's signature: _____ Date: _____
Phone number : _____ Email (optional): _____

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



FOR DEPARTMENT USE ONLY

Sale Number (XX - XXX - XX - XX)

Forest Management Unit:

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

Please Check Appropriate Categories:

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

_____ Full-time Employees

_____ Part-time Employees

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

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

Signature of Owner or Authorized Representative

Title

Date

GNA2 Canoe Camp KW (72-819-24)
T26N, R02W, SEC. 26; T26N, R02W, SEC. 27; T26N, R02W, SEC. 34; T26N,

In response to the notice of sale to be held 9:00 a.m. (local time) on August 12, 2024, 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			
Black/Red (Hybrid) Oak	39.0 MBF	\$ 96.00/MBF	\$ _____
Quaking Aspen	23.2 MBF	\$ 68.00/MBF	\$ _____
Red Maple	9.7 MBF	\$ 59.00/MBF	\$ _____
Red Oak	2.6 MBF	\$ 95.00/MBF	\$ _____
Red Pine	30.6 MBF	\$ 88.00/MBF	\$ _____
White Oak	18.8 MBF	\$ 73.00/MBF	\$ _____
Pulpwood			
Jack Pine	1,713 Cords	\$ 14.85/Cord	\$ _____
Mixed Aspen	109 Cords	\$ 18.95/Cord	\$ _____
Mixed Oak	310 Cords	\$ 18.35/Cord	\$ _____
Red Maple	104 Cords	\$ 22.05/Cord	\$ _____
Red Pine	1,057 Cords	\$ 38.00/Cord	\$ _____
White Pine	6 Cords	\$ 15.50/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 12.13 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



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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

Please Check Appropriate Categories:

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

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

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

_____ Full-time Employees

_____ Part-time Employees

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

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

Signature of Owner or Authorized Representative

Title

Date

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