

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7512

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on October 21, 2024. LOCATION: GWINN MGMT UNIT, 410 WEST M 35, GWINN, MI 49841.

<u>PROSPECTUS NOTE:</u> The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, GWINN MANAGEMENT UNIT, for certain timber on the following described lands:

Snowmobile the Stack (32-016-23) / T44N, R23W, SEC. 5, NENW.

T45N, R23W, SEC. 28, S1/2SW,S1/2SE.

T45N, R23W, SEC. 29, S1/2SE.

T45N, R23W, SEC. 32, N1/2NE, SENE, E1/2SW, NESE, SWSE.

Marquette County, Advertised Price \$25,190.85, 178.5 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Access from the south is through private and will require road work on private property.

Access may be through private or other public land.

Mangum Central Maple (32-024-23) / T47N, R23W, SEC. 13, SESW,SWSE.

T47N, R23W, SEC. 23, SE.

T47N, R23W, SEC. 24, NENW, S1/2NW, NE, SW, N1/2SE.

T47N, R23W, SEC. 25, N1/2NW.

Marquette County, Advertised Price \$119,143.85, 342.9 Acres, Hardwood, Sugar Maple.

SALE NOTE: 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.

Mangum East Maple (32-025-23) / T47N, R22W, SEC. 19, NW,W1/2NE,N1/2SW,SESW,SWSE.

T47N, R22W, SEC. 30, NENW, NWNE.

T47N, R23W, SEC. 24, E1/2NE, E1/2SE.

Alger County, Advertised Price \$39,664.35, 152.2 Acres, Hardwood, Spruce/Fir/Tamarack.

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

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

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

Bids must be received by the Unit Manager, GWINN OFFICE, 410 WEST M 35, GWINN, MI 49841, no later than 2:00 p.m. (local time) on October 21, 2024. For further information concerning this sale, contact Mike Brodeur at 906-346-9201 extension 103.

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

Snowmobile the Stack (32-016-23)

T44N, R23W, SEC. 5; T45N, R23W, SEC. 28; T45N, R23W, SEC. 29; T45N, R23W, SEC. 32. Marquette County (Advertised Price \$25,190.85)

SALE NOTE: Access from the south is through private and will require road work on private property.

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:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	ADVE	RTISED PRICE
Sawtimber				
Black Cherry	3.9	MBF	\$	18.00 / MBF
Red Maple	189.5	MBF	\$	42.00 / MBF
Sugar Maple	13.4	MBF	\$	80.00 / MBF
Yellow Birch	6.1	MBF	\$	12.00 / MBF
Pulpwood				
Balsam Fir	105	Cords	\$	4.95 / Cord
Mixed Hardwood	2,240	Cords	\$	5.55 / Cord
Mixed Spruce	268	Cords	\$	5.05 / Cord
N. White Cedar	125	Cords	\$	2.45 / Cord
Quaking Aspen	36	Cords	\$	10.10 / Cord
Tamarack	45	Cords	\$	6.20 / Cord
White Pine	51	Cords	\$	14.95 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 7.97 percent. There are an estimated 3,333 cords on this timber sale, plus or minus 266 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$1,260.00 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	8.4%
02	5.2%
03	11.8%
04	14.0%
05	13.1%
06	7.4%
07	16.6%
08	16.3%
09	4.6%
10	2.6%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2027.

SALE STATISTICS

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

SALE VOLUMES

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

VOL	UME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
263,281	3,333	7.97%	3,067	3,598

VDU VOLUMES

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

	VOLUME			RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	32,830	416	14.76%	354	477
2	42,594	539	17.27%	446	632
3	77,919	986	16.29%	826	1,147
4	40,386	511	22.27%	397	625
5	22,593	286	18.02%	234	338
7	38,397	486	25.89%	360	612
10	8,561	108	26.48%	80	137
TOTAL:	263,281	3,333		2,698	3,968

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	30.5	1	18.9
		2	11.6
2	22.6	4	22.6
3	40.1	7	17.8
		8	17.4
		9	4.9
4	30.8	5	30.8
5	18.5	6	18.5
7	27.8	3	27.8
10	8.2	10	8.2
TOTAL:	178.5		178.5

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	2.4	MBF	18.9	\$2,111.60
	Red Maple		6.1	MBF		
	Sugar Maple		8.3	MBF		
	Balsam Fir	Pulpwood	7	Cords		
	Mixed Hardwood		197	Cords		
	Black Cherry		23	Cords		
	Red Maple		69	Cords		
	Sugar Maple		105	Cords		
	Mixed Spruce		4	Cords		
	Black Spruce		2	Cords		
	White Spruce		2	Cords		
2	Black Cherry	Sawtimber	1.5	MBF	11.6	\$1,301.00
	Red Maple		3.8	MBF		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Sugar Maple		5.1	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Hardwood	l ulpwood	121	Cords		
	Black Cherry		14	Cords		
	Red Maple		42	Cords		
	Sugar Maple		65	Cords		
			2			
	Mixed Spruce			Cords		
	Black Spruce		1	Cords		
	White Spruce	0 (: 1	1	Cords	07.0	#0.000.40
3	Red Maple	Sawtimber	6.9	MBF	27.8	\$2,966.10
	Yellow Birch		4.7	MBF		
	Balsam Fir	Pulpwood	26	Cords		
	Mixed Hardwood		397	Cords		
	Red Maple		374	Cords		
	Yellow Birch		23	Cords		
	Mixed Spruce		33	Cords		
	White Spruce		33	Cords		
	Quaking Aspen		12	Cords		
4	Red Maple	Sawtimber	17.4	MBF	22.6	\$3,514.85
	Yellow Birch		1.4	MBF		
	Balsam Fir	Pulpwood	6	Cords		
	Mixed Hardwood		405	Cords		
	Black Ash		22	Cords		
	Red Maple		363	Cords		
	Yellow Birch		20	Cords		
	Mixed Spruce		16	Cords		
	Black Spruce		16	Cords		
	N. White Cedar		68	Cords		
	Quaking Aspen		24	Cords		
5	Red Maple	Sawtimber	19.4	MBF	30.8	\$3,311.65
Ū	Balsam Fir	Pulpwood	20	Cords	00.0	φο,στιοσ
	Mixed Hardwood	l dipwood	382	Cords		
	Red Maple		349	Cords		
	Yellow Birch		33	Cords		
	Mixed Spruce		55	Cords		
	Black Spruce		55	Cords		
6	Balsam Fir	Pulpwood	5	Cords	18.5	\$1,871.35
U	Mixed Hardwood	i uipwoou	110	Cords	10.5	φ1,071.33
			2			
	Black Ash		l	Cords		
	Red Maple		80	Cords		
	Yellow Birch		28	Cords		
	Mixed Spruce Black Spruce		60 <i>60</i>	Cords Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	N. White Cedar	Pulpwood	57	Cords		
	Tamarack		5	Cords		
	White Pine		51	Cords		
7	Red Maple	Sawtimber	60.3	MBF	17.8	\$4,199.75
	Balsam Fir	Pulpwood	16	Cords		
	Mixed Hardwood	-	257	Cords		
	Red Maple		245	Cords		
	Sugar Maple		12	Cords		
	Mixed Spruce		32	Cords		
	White Spruce		32	Cords		
8	Red Maple	Sawtimber	59.0	MBF	17.4	\$4,112.45
	Balsam Fir	Pulpwood	15	Cords		
	Mixed Hardwood		252	Cords		
	Red Maple		240	Cords		
	Sugar Maple		12	Cords		
	Mixed Spruce		32	Cords		
	White Spruce		32	Cords		
9	Red Maple	Sawtimber	16.6	MBF	4.9	\$1,156.50
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Hardwood		71	Cords		
	Red Maple		68	Cords		
	Sugar Maple		3	Cords		
	Mixed Spruce		9	Cords		
	White Spruce		9	Cords		
10	Balsam Fir	Pulpwood	1	Cords	8.2	\$645.60
	Mixed Hardwood		48	Cords		
	Red Maple		48	Cords		
	Mixed Spruce		25	Cords		
	Black Spruce		25	Cords		
	Tamarack		40	Cords		
		TOTAL:	212.9	MBF		
				-		

Sale Specific Conditions & Requirements

Sale Name: Snowmobile the Stack Sale Number: 32-016-23 Seq#: 3

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint, with the exception of Payments Units 6 & 7 and 8 & 10, which are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid and if designated for cutting in both Payment Units.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 4, 6 & 10, cut all trees that are two (2) inches or more at DBH, with the following exceptions:

- Within Payment Unit 4, do not cut white pine or hemlock.
- Within Payment Unit 6, do not cut hemlock or white pine 24 inches diameter or larger at the stump.
- Within Payment Unit 10, do not cut hemlock, cedar, white pine, paper birch or yellow birch.

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

Within Payment Unit(s) 7-9, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within Payment Units 8 & 9, cut all spruce and fir which meet minimum piece specifications in 2.2 Utilization.

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

Within Payment Unit(s) 1-3 & 5, cut all trees that are two (2) inches or more at DBH, with the following exceptions:

- Within Payment Unit 1, do not cut cedar, hemlock, red pine, yellow birch, white pine, or trees marked with green paint above and below stump height.
- Within Payment Units 2, 3 & 5, do not cut cedar, hemlock, white pine, or trees marked with green paint above and below stump height.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

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

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

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

4.1.6 - 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. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Depending on the time of year, multiple areas may require fill material for access across the Sale Area. Contact the Sale Administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

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 grading/repair does not occur.

4.2.4 - Grading (10/16)

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

4.4 - Access

4.4.1 - Private property access (3/11)

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

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

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

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-10, unless changed by written agreement, cutting, skidding, and hauling are limited to frozen conditions. This restriction is due to wet soils and winter roads.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 2 and 7-9, 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.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to

ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

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

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

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

5.4.2 - 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.

5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within designated retention areas between Payment Units 5 & 6. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

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

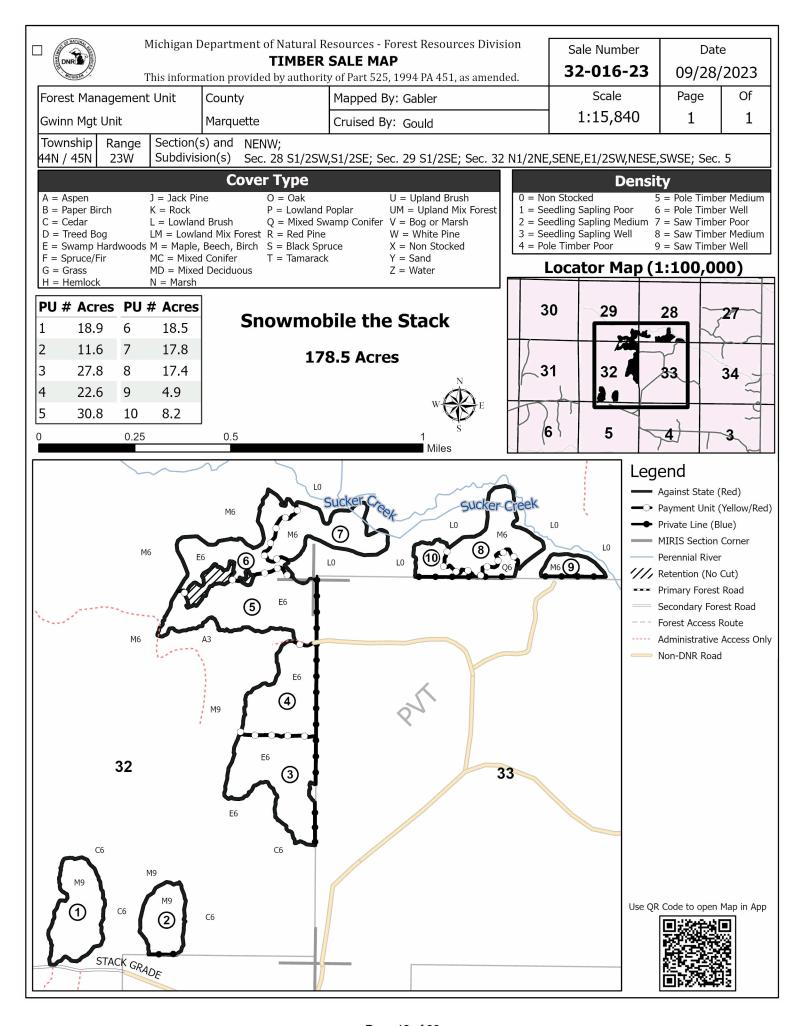
7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from spruce budworm. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.

Section Name: Sale Specific Current as of 7/11/2024 12:19:04PM



TIMBER SALE INFORMATION

Mangum Central Maple (32-024-23)

T47N, R23W, SEC. 13; T47N, R23W, SEC. 23; T47N, R23W, SEC. 24; T47N, R23W, SEC. 25.

Marquette County (Advertised Price \$119,143.85)

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

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

PRODUCTS & SPECIES	<u>ESTIMATE</u>	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Basswood	13.3	MBF	\$	27.00 / MBF
Red Maple	513.6	MBF	\$	66.00 / MBF
Sugar Maple	426.2	MBF	\$	126.00 / MBF
White Ash	8.6	MBF	\$	50.00 / MBF
Pulpwood				
Balsam Fir	281	Cords	\$	7.80 / Cord
Basswood	18	Cords	\$	8.25 / Cord
Mixed Aspen	82	Cords	\$	15.85 / Cord
Mixed Hardwood	3,072	Cords	\$	8.70 / Cord
Mixed Spruce	49	Cords	\$	7.95 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 8.05 percent. There are an estimated 6,018 cords on this timber sale, plus or minus 485 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$5,957.00 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	8.0%
02	9.6%
03	14.1%
04	13.0%
05	10.1%
06	10.9%
07	9.7%
08	18.4%
09	6.2%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2027.

SALE STATISTICS

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

SALE VOLUMES

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

VOL	UME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
475,459	6,018	8.05%	5,534	6,503

VDU VOLUMES

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

	VOL	UME		RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
3	438,182	5,547	8.57%	5,071	6,022
4	37,277	472	23.66%	360	583
TOTAL:	475,459	6,018		5,432	6,605

VDU TO PAYMENT UNIT

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

TOTAL:	342.9		342.9
4	27.4	9	27.4
		8	62.3
		7	32.8
		6	36.5
		5	33.9
		4	43.6
		3	47.4
		2	32.2
3	315.5	1	26.8
VDU	VDU ACRES	PU	PU ACRES

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	1.1	MBF	26.8	\$9,501.00
	Red Maple		41.8	MBF		
	Sugar Maple		34.2	MBF		
	White Ash		0.7	MBF		
	Balsam Fir	Pulpwood	21	Cords		
	Basswood		2	Cords		
	Mixed Aspen		7	Cords		
	Balsam Poplar		1	Cords		
	Quaking Aspen		6	Cords		
	Mixed Hardwood		236	Cords		
	Ironwood		3	Cords		
	Red Maple		120	Cords		
	Sugar Maple		112	Cords		
	White Ash		1	Cords		
	Mixed Spruce		3	Cords		
	White Spruce		3	Cords		
2	Basswood	Sawtimber	1.4	MBF	32.2	\$11,406.80
	Red Maple		50.2	MBF		. ,
	Sugar Maple		41.1	MBF		
	White Ash		0.9	MBF		
	Balsam Fir	Pulpwood	25	Cords		
	Basswood		2	Cords		
	Mixed Aspen		8	Cords		
	Balsam Poplar		1	Cords		
	Quaking Aspen		7	Cords		
	Mixed Hardwood		283	Cords		
	Ironwood		3	Cords		
	Red Maple		145	Cords		
	Sugar Maple		134	Cords		
	White Ash		1	Cords		
	Mixed Spruce		4	Cords		
	White Spruce		4	Cords		
3	Basswood	Sawtimber	2.0	MBF	47.4	\$16,814.40
•	Red Maple	Cavanison	73.9	MBF	.,,,	φ10,011.10
	Sugar Maple		60.5	MBF		
	White Ash		1.3	MBF		
	Balsam Fir	Pulpwood	37	Cords		
	Basswood	1 dipwood	3	Cords		
	Mixed Aspen		13	Cords		
	Balsam Poplar		2	Cords		
	Quaking Aspen		11	Cords		
	Mixed Hardwood		417	Cords		
	Ironwood		5	Cords		
	Red Maple		213	Cords		
	-		198	Cords		
	Sugar Maple White Ash					
			1	Cords		
	Mixed Spruce		6	Cords		
	White Spruce	0 " 1	6	Cords	40.0	#45 400 00
4	Basswood	Sawtimber	1.8	MBF	43.6	\$15,462.60
	Red Maple		68.0	MBF		
	Sugar Maple		55.6	MBF		
	White Ash		1.2	MBF		
	Balsam Fir	Pulpwood	34	Cords		
	Basswood		2	Cords		
	Mixed Aspen		12	Cords		
	Balsam Poplar		2	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Quaking Aspen	Pulpwood	10	Cords		
	Mixed Hardwood		384	Cords		
	Ironwood		5	Cords		
	Red Maple		196	Cords		
	Sugar Maple		182	Cords		
	White Ash		1	Cords		
	Mixed Spruce		6	Cords		
	White Spruce		6	Cords		
5	Basswood	Sawtimber	1.4	MBF	33.9	\$12,004.9
	Red Maple		52.8	MBF		. ,
	Sugar Maple		43.2	MBF		
	White Ash		0.9	MBF		
	Balsam Fir	Pulpwood	27	Cords		
	Basswood	'	2	Cords		
	Mixed Aspen		9	Cords		
	Balsam Poplar		1	Cords		
	Quaking Aspen		8	Cords		
	Mixed Hardwood		298	Cords		
	Ironwood		4	Cords		
	Red Maple		152	Cords		
	Sugar Maple		141	Cords		
	White Ash		1	Cords		
	Mixed Spruce		4	Cords		
	White Spruce		4	Cords		
6	Basswood	Sawtimber	1.5	MBF	36.5	\$12,935.30
U	Red Maple	Sawtiiiibei	56.9	MBF	30.3	\$12,933.30
	Sugar Maple		46.6	MBF		
	White Ash		1.0	MBF		
		Dulpurood				
	Balsam Fir	Pulpwood	29	Cords		
	Basswood		2	Cords		
	Mixed Aspen		9	Cords		
	Balsam Poplar		1	Cords		
	Quaking Aspen		8	Cords		
	Mixed Hardwood		321	Cords		
	Ironwood		4	Cords		
	Red Maple		164	Cords		
	Sugar Maple		152	Cords		
	White Ash		1	Cords		
	Mixed Spruce		5	Cords		
	White Spruce		5	Cords		
7	Basswood	Sawtimber	1.4	MBF	32.8	\$11,605.70
	Red Maple		51.1	MBF		
	Sugar Maple		41.8	MBF		
	White Ash		0.9	MBF		
	Balsam Fir	Pulpwood	26	Cords		
	Basswood		2	Cords		
	Mixed Aspen		8	Cords		
	Balsam Poplar		1	Cords		
	Quaking Aspen		7	Cords		
	Mixed Hardwood		288	Cords		
	Ironwood		3	Cords		
	Red Maple		147	Cords		
	Sugar Maple		137	Cords		
	White Ash		1	Cords		
	Mixed Spruce		4	Cords		
	White Spruce		4	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
8	Basswood	Sawtimber	2.7	MBF	62.3	\$22,049.60
	Red Maple		97.0	MBF		
	Sugar Maple		79.5	MBF		
	White Ash		1.7	MBF		
	Balsam Fir	Pulpwood	50	Cords		
	Basswood		3	Cords		
	Mixed Aspen		16	Cords		
	Balsam Poplar		3	Cords		
	Quaking Aspen		13	Cords		
	Mixed Hardwood		544	Cords		
	Ironwood		6	Cords		
	Red Maple		279	Cords		
	Sugar Maple		259	Cords		
	Mixed Spruce		9	Cords		
	White Spruce		9	Cords		
9	Red Maple	Sawtimber	21.9	MBF	27.4	\$7,372.20
	Sugar Maple		23.7	MBF		
	Balsam Fir	Pulpwood	32	Cords		
	Mixed Hardwood		302	Cords		
	Red Maple		85	Cords		
	Sugar Maple		217	Cords		
	Mixed Spruce		8	Cords		
	White Spruce		8	Cords		
		TOTAL:	961.7	MBF		
		TOTAL:	3,503	Cords		

Sale Specific Conditions & Requirements

Sale Name: Mangum Central Maple Sale Number: 32-024-23 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-9, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. Additionally, cut all merchantable spruce, balsam fir, and aspen.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

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

4.1.7 - Road closure (10/11)

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

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

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

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-9, unless changed by written agreement, cutting, skidding, and hauling are limited to frozen conditions. This restriction is because the Sale Area is designated as a deer wintering complex. Contact the Sale Administrator to assess permissible operation conditions.

5.2.32 - Decking/landing restoration (9/13)

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

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of Mangum Road.

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

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

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

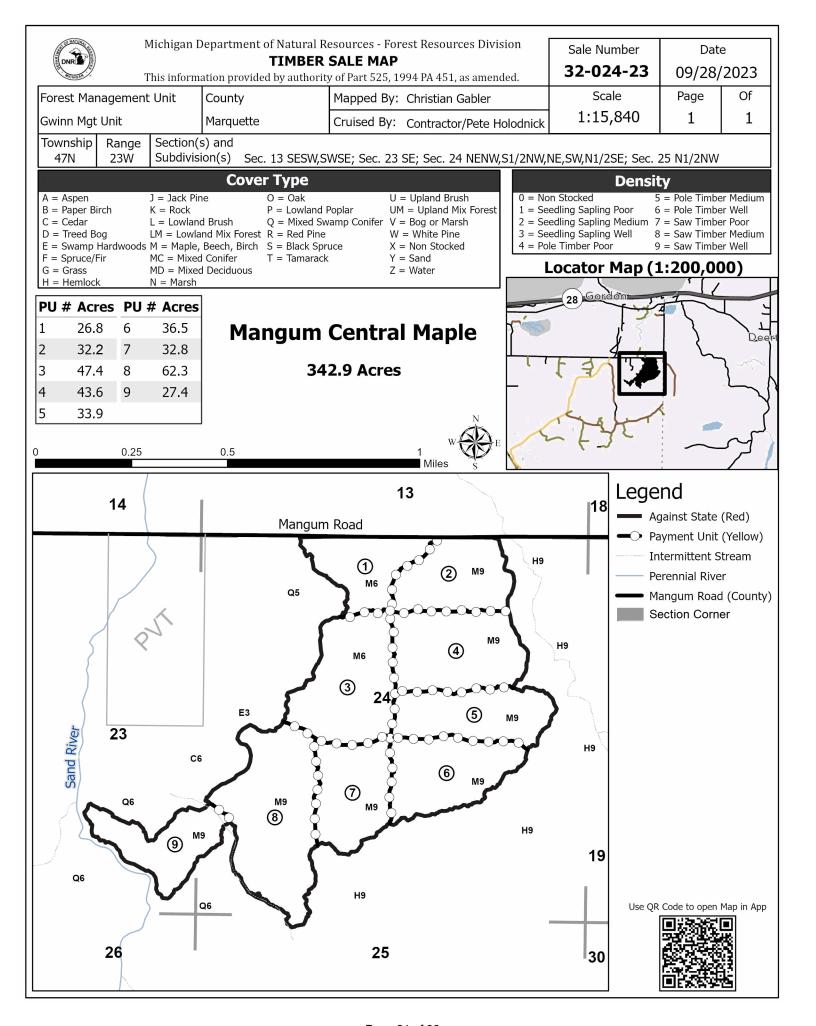
The Purchaser is responsible for posting and maintaining caution signs on Mangum Road prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed.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

7 - Other Conditions

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from spruce budworm. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.

Section Name: Sale Specific Current as of 9/23/2024 2:25:23PM



Page 22 of 36

TIMBER SALE INFORMATION

Mangum East Maple (32-025-23)

T47N, R22W, SEC. 19; T47N, R22W, SEC. 30; T47N, R23W, SEC. 24.
Alger County (Advertised Price \$39,664.35)

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

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

PRODUCTS & SPECIES	ESTIMATED UNITS*		ADVERTISED PRI	
Sawtimber				
Basswood	3.4	MBF	\$	27.00 / MBF
Red Maple	246.0	MBF	\$	66.00 / MBF
Sugar Maple	66.0	MBF	\$	126.00 / MBF
Pulpwood				
Balsam Fir	133	Cords	\$	7.80 / Cord
Basswood	2	Cords	\$	8.25 / Cord
Mixed Hardwood	1,588	Cords	\$	8.70 / Cord
Mixed Spruce	19	Cords	\$	7.95 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 12.87 percent. There are an estimated 2,534 cords on this timber sale, plus or minus 326 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$1,983.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	10.3%
02	10.9%
03	42.8%
04	24.0%
05	12.0%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2027.

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		
200,161	2,534	12.87%	2,207	2,860	

VDU VOLUMES

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

	VOL	UME		RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
3	20,891	264	41.43%	155	374
5	30,115	381	43.08%	217	545
6	149,155	1,888	14.98%	1,605	2,171
TOTAL:	200,161	2,534		1,977	3,090

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
3	18.3	1	18.3
5	21.7	5	21.7
6	112.2	2	15.7
		3	61.9
		4	34.6
TOTAL:	152.2		152.2

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	3.4	MBF	18.3	\$4,100.55
	Red Maple		36.9	MBF		
	Sugar Maple		4.1	MBF		
	Balsam Fir	Pulpwood	45	Cords		
	Basswood		2	Cords		
	Mixed Hardwood		71	Cords		
	Red Maple		52	Cords		
	Sugar Maple		19	Cords		
	Mixed Spruce		9	Cords		
	White Spruce		9	Cords		
2	Red Maple	Sawtimber	25.1	MBF	15.7	\$4,315.95
_	Sugar Maple		8.7	MBF		+ 1,01010
	Balsam Fir	Pulpwood	12	Cords		
	Mixed Hardwood		168	Cords		
	Beech		1	Cords		
	Red Maple		94	Cords		
	Sugar Maple		73	Cords		
	Mixed Spruce		1	Cords		
	White Spruce		1	Cords		
3	Red Maple	Sawtimber	98.8	MBF	61.9	\$16,973.70
	Sugar Maple		34.1	MBF	0	ψ.σ,σ.σσ
	Balsam Fir	Pulpwood	47	Cords		
	Mixed Hardwood		660	Cords		
	Beech		4	Cords		
	Red Maple		369	Cords		
	Sugar Maple		287	Cords		
	Mixed Spruce		6	Cords		
	White Spruce		6	Cords		
4	Red Maple	Sawtimber	55.3	MBF	34.6	\$9,501.15
•	Sugar Maple	Cawambon	19.1	MBF	01.0	Ψο,σοι.το
	Balsam Fir	Pulpwood	27	Cords		
	Mixed Hardwood	l dipwood	369	Cords		
	Beech		2	Cords		
	Red Maple		206	Cords		
	Sugar Maple		161	Cords		
	Mixed Spruce		3	Cords		
	White Spruce		3	Cords		
5	Red Maple	Sawtimber	29.9	MBF	21.7	\$4,773.00
J	Balsam Fir	Pulpwood	29.9	Cords	21.7	ψ+, ι ι 3.00
ļ	Mixed Hardwood		320	Cords		
	Red Maple		320	Cords		
	r tou mapic] 320	00/43		
		TOTAL:	315.4	MBF		

Sale Specific Conditions & Requirements

Sale Name: Mangum East Maple Sale Number: 32-025-23 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint, with the exception of the western boundary of Payment Unit 5, which is marked with red paint (see Timber Sale Map). Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. Additionally, cut all merchantable spruce, balsam fir and aspen.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

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

4.1.7 - Road closure (10/11)

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

4.2 - Maintenance

4.2.2 - Fill material (4/07)

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

4.2.4 - Grading (10/16)

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

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

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

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-5, unless changed by written agreement, cutting, skidding, and hauling are limited to frozen conditions. This restriction is because the Sale Area is designated as a deer wintering complex. Contact the Sale Administrator to assess permissible operation conditions.

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 North Country Trail is a recreation 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

5.4.1 - Rutting restriction, general (7/16)

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

5.4.2 - Skid trails (2/04)

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

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Mangum 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 North Country Trail at appropriate distances from the Sale Area prior to beginning operations. The trail must be posted 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.

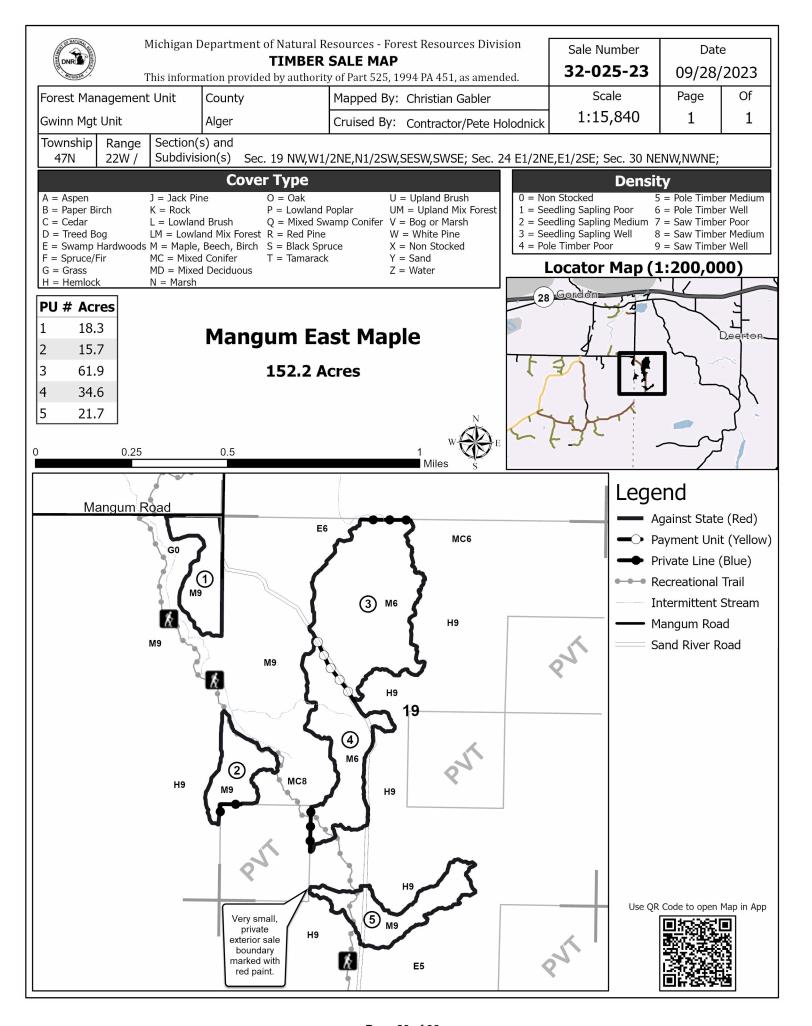
7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from spruce budworm. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.

Section Name: Sale Specific Current as of 9/23/2024 2:31:37PM



BID FORM

GWINN MANAGEMENT UNIT

GWINN OFFICE

Snowmobile the Stack (32-016-23)

T44N, R23W, SEC. 5; T45N, R23W, SEC. 28; T45N, R23W, SEC. 29; T45N, R23W,

In response to the notice of sale to be held 2:00 p.m. (local time) on October 21, 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.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Black Cherry	3.9	MBF	\$	18.00/MBF	\$
Red Maple	189.5	MBF	\$	42.00/MBF	\$
Sugar Maple	13.4	MBF	\$	80.00/MBF	\$
Yellow Birch	6.1	MBF	\$	12.00/MBF	\$
Pulpwood					
Balsam Fir	105	Cords	\$	4.95/Cord	\$
Mixed Hardwood	2,240	Cords	\$	5.55/Cord	\$
Mixed Spruce	268	Cords	\$	5.05/Cord	\$
N. White Cedar	125	Cords	\$	2.45/Cord	\$
Quaking Aspen	36	Cords	\$	10.10/Cord	\$
Tamarack	45	Cords	\$	6.20/Cord	\$
White Pine	51	Cords	\$	14.95/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 7.97 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:	
F AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.				
Individual	dividual or company representative's signature: Date:			
Phone nu	hone number : Email (optional):			

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



Michigan Department of Natural Resources Forest Resources Division

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

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

•	In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.			
•	All Information must be typed or printed except for written signatures.			
Ple	lease Check Appropriate Categories:			
1.	 My business is organized as (you must check one of the A. ☐ Sole Proprietorship (individual) B. ☐ Partnership C. ☐ Corporation 	ne boxes below):		
2.	. You must check <u>one</u> of the boxes below:			
	A. I certify my business is a sole proprietorship and it has a Worker's Compensation Laws.	no employees but the sole proprietor. I am not subject to the		
	B. I certify my business has satisfied its o bligation to the V	Worker's Compensation Act through the use of an approved Notice of of the Notice of Exclusion within 21 days of the contract award. (For /orker's Compensation Bureau at 517-322-1195).		
	C. I certify my business has a Worker's Compensation Polone (21) days of the contract award.	licy. I will provide an original Certificate of Insurance within twenty-		
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		
Nam	ame of Business	Federal ID (or) Social Security No.		
Add	Idress	Telephone ()		
City	ty State	ZIP		
in fa _	factors affecting my coverage during any of my present ar	tt. I agree to notify the Michigan DNR of any changes that occur nd future operations.		
S	Signature of Owner or Authorized Representative			
T	Title	Date		

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

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

BID FORM

GWINN MANAGEMENT UNIT

GWINN OFFICE

Mangum Central Maple (32-024-23)

T47N, R23W, SEC. 13; T47N, R23W, SEC. 23; T47N, R23W, SEC. 24; T47N,

In response to the notice of sale to be held 2:00 p.m. (local time) on October 21, 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.

PRODUCTS & SPECIES Sawtimber	ESTIMATED VOLUME*	<u>AI</u>	OVERTISED PRICE	BID PRICE/UNIT
Basswood	13.3 MBF	\$	27.00/MBF	\$
Red Maple	513.6 MBF	\$	66.00/MBF	\$
Sugar Maple	426.2 MBF	\$	126.00/MBF	\$
White Ash	8.6 MBF	\$	50.00/MBF	\$
Pulpwood				
Balsam Fir	281 Cords	\$	7.80/Cord	\$
Basswood	18 Cords	\$	8.25/Cord	\$
Mixed Aspen	82 Cords	\$	15.85/Cord	\$
Mixed Hardwood	3,072 Cords	\$	8.70/Cord	\$
Mixed Spruce	49 Cords	\$	7.95/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 8.05 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	OF SOCIAL SECT	DRITT NUMBER		
	Company or individual bidding:				
	Company representative's name:				
	Address:				
	City:	State:	Zip:		
F AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.					
ndividual or company representative's signature: Date:					
Phone nu	hone number:				

-- COOLAL OF CURITY AUTAPED

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



Michigan Department of Natural Resources Forest Resources Division

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

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

•	In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.			
•	All Information must be typed or printed except for written signatures.			
Ple	lease Check Appropriate Categories:			
1.	 My business is organized as (you must check one of the A. ☐ Sole Proprietorship (individual) B. ☐ Partnership C. ☐ Corporation 	ne boxes below):		
2.	. You must check <u>one</u> of the boxes below:			
	A. I certify my business is a sole proprietorship and it has a Worker's Compensation Laws.	no employees but the sole proprietor. I am not subject to the		
	B. I certify my business has satisfied its o bligation to the V	Worker's Compensation Act through the use of an approved Notice of of the Notice of Exclusion within 21 days of the contract award. (For /orker's Compensation Bureau at 517-322-1195).		
	C. I certify my business has a Worker's Compensation Polone (21) days of the contract award.	licy. I will provide an original Certificate of Insurance within twenty-		
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		
Nam	ame of Business	Federal ID (or) Social Security No.		
Add	Idress	Telephone ()		
City	ty State	ZIP		
in fa _	factors affecting my coverage during any of my present ar	tt. I agree to notify the Michigan DNR of any changes that occur nd future operations.		
S	Signature of Owner or Authorized Representative			
T	Title	Date		

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

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

BID FORM

GWINN MANAGEMENT UNIT

GWINN OFFICE

Mangum East Maple (32-025-23)

T47N, R22W, SEC. 19; T47N, R22W, SEC. 30; T47N, R23W, SEC. 24; Alger

In response to the notice of sale to be held 2:00 p.m. (local time) on October 21, 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.

PRODUCTS & SPECIES	<u>ESTIMATED VO</u>	<u>LUME*</u> <u>A</u>	<u>DVERTISED PRICE</u>	BID PRICE/UNIT
Sawtimber				
Basswood	3.4 MI	BF \$	27.00/MBF	\$
Red Maple	246.0 MI	BF \$	66.00/MBF	\$
Sugar Maple	66.0 MI	BF \$	126.00/MBF	\$
Pulpwood				
Balsam Fir	133 Cd	ords \$	7.80/Cord	\$
Basswood	2 Cd	ords \$	8.25/Cord	\$
Mixed Hardwood	1,588 Cd	ords \$	8.70/Cord	\$
Mixed Spruce	19 Co	ords \$	7.95/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 12.87 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

	FEDERAL ID:	or SOCIAL SECU	RITY NUMBER:		
	Company or individual bidding:				
	Company representative's name:				
	Address:				
	City:	State:	Zip:		
IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.					
Individual or company representative's signature: Date:					
Phone nu	Phone number : Email (optional):				

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



Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

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

Please Check Appropriate Categories:

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

1.	My business is organized as (you must check <u>one</u> of the boxes below): A. □ Sole Proprietorship (individual) B. □ Partnership C. □ Corporation				
2.	You must check <u>one</u> of the boxes below	<i>I</i> :			
	A. I certify my business is a sole propriete Worker's Compensation Laws.	orship and it has ı	no employees but the sole proprietor. I am not subject to the		
	Exclusion (BWC-337, Rev. 5/96). I wi	B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).			
	C. I certify my business has a Worker's Cone (21) days of the contract award.	compensation Pol	icy. I will provide an original Certificate of Insurance within twenty-		
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 En	nployees	Part-time Employees		
Nam	ne of Business		Federal ID (or) Social Security No.		
Addı	ress		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					
T	itle		 Date		
_					

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

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