

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

TIMBER SALE PROSPECTUS #6764

<u>SCHEDULED SALE DATE AND TIME:</u> 4:00 p.m. (local time) on May 20, 2021. <u>LOCATION:</u> TRAVERSE CITY MGMT UNIT, 2122 M 37 SOUTH, TRAVERSE CITY, MI 49685.

PROSPECTUS NOTE: It is recommended that for the duration of the "Stay Home, Stay Safe" executive order that bidders submit their bids through the Online Bidding System (https://www.dnr.state.mi.us/VMSOnlineBidding/). If you need to register, contact Jake Reid (ReidJ6@michigan.gov, 517-284-5908) or Donovan Asselin (AsselinD@michigan.gov, 517-930-1326). Paper bids will still be accepted during this time, either dropped in the bid box at the bid location or by mailing. If mailing, please allow for additional time

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.

<u>Blue Water Mix</u> (61-056-20) / T24N, R15W, SEC. 13, SWNW,NWSW. T24N, R15W, SEC. 14, N1/2NE,SENE,NESE. Manistee County, Advertised Price \$33,172.80, 27.5 Acres, Hardwood, White Pine.

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.

<u>Farewell Nomad Hardwoods</u> (61-057-20) / T25N, R14W, SEC. 24, W1/2NW,N1/2SW. T25N, R14W, SEC. 26, S1/2NW,N1/2SW. Benzie County, Advertised Price \$47,436.15, 68.3 Acres, Hardwood, Aspen.

SALE NOTE: Spec 5.2.3.4 Oak wilt applies to Payment Units 1 and 2 only.

<u>Valley View Mix</u> (61-058-20) / T27N, R14W, SEC. 27, NWNW,S1/2NW,SWNE,SW,W1/2SE. Benzie County, Advertised Price \$74,268.80, 119.1 Acres, Hardwood, Aspen.

Roost Mix (61-037-19) / T26N, R10W, SEC. 13, W1/2SE.

Grand Traverse County, Advertised Price \$9,652.25, 21.4 Acres, Hardwood, Red Pine.

SALE NOTE: Chipping is encouraged in Payment Unit 2 to prepare the site for planting (see spec 5.2.1.11).

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.

<u>Blue Bottle Pine</u> (61-054-19) / T27N, R12W, SEC. 30, S1/2SW,W1/2SE. T27N, R12W, SEC. 31, N1/2NW,SWNW,NWNE,NWSW. Grand Traverse County, Advertised Price \$68,913.90, 92.3 Acres, Red Pine, White Pine.

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. 07/02/2018):

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

Bids must be received by the Unit Manager, TRAVERSE CITY OFFICE, 2122 M 37 South, Traverse City, MI 49685, no later than 4:00 p.m. (local time) on May 20, 2021. For further information concerning this sale, contact Paul Roell at 231-384-0170.

2. Bidder's Qualifications (5/16)

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

3. Preparation of Sealed Bids (5/16)

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

4. Submission of Sealed Bids (5/16)

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

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

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

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

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

6. Award of Contract (1/11)

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

7. Down Payment (1/11)

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

8. Performance Security (1/11)

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

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

9. Timber Sale Contract (7/18)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at www.michigan.gov/timber. Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 3 months after the first offense, 6 months after the second offense, and 1 year after the third offense. An offense will only be counted against the Bidder for 5 years. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the expiration date.

Payment Unit values in the State Forest Timber Sale Contract are calculated based on the advertised value of the Payment Unit as a percentage of the total advertised value of the contract. The advertised value of each Payment Unit is given in the Description of Timber by Payment Unit table on the Timber Sale Information page. For example, if the value of Payment Unit 1 is advertised as \$1,500 and the total Timber Sale value is advertised as \$10,000, the contract price for Payment Unit 1 will be 15% of the total bid price (\$1,500/\$10,000 * 100).

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

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

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

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

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

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

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

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

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

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

a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.

b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

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

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

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

DAN EICHINGER Director

TIMBER SALE INFORMATION

Blue Water Mix (61-056-20) T24N, R15W, SEC. 13; T24N, R15W, SEC. 14. Manistee County (Advertised Price \$33,172.80)

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 T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Black Cherry	20.2	MBF	\$	144.00 / MBF
Red Maple	138.1	MBF	\$	116.00 / MBF
Sugar Maple	32.1	MBF	\$	155.00 / MBF
White Pine	51.5	MBF	\$	39.00 / MBF
Pulpwood				
Jack Pine	5	Cords	\$	7.60 / Cord
Mixed Hardwood	426	Cords	\$	11.75 / Cord
Quaking Aspen	84	Cords	\$	12.65 / Cord
White Pine	97	Cords	\$	11.90 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 18.79 percent. There are an estimated 1,095 cords on this timber sale, plus or minus 206 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 \$1,659.00 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

PERCENT OF TOTAL SALE VALUE
7.3%
57.2%
35.5%

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

5. Operations on the contract issued will terminate on 06/30/2023.

SALE STATISTICS

SALE VOLUMES

	VOLUME		VOLUME			STATISTICAL RA	ANGE IN CORDS
	TOTAL CUBIC FEET TOTAL CORDS		TOTAL CORDS PERCENT ERROR MINIMUM		MAXIMUM		
	86,525	1,095	18.79%	889	1,301		

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	VOLUME		RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
3	37,912	480	31.37%	329	630
10	38,505	487	23.23%	374	601
22	10,096	128	39.12%	78	178
TOTAL:	86,513	1,095		781	1,409

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	11.9	2	11.9
10	10.4	3	10.4
22	5.2	1	5.2
TOTAL:	27.5		27.5

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	3.7	MBF	5.2	\$2,417.80
	Sugar Maple		3.7	MBF		
	Mixed Hardwood	Pulpwood	30	Cords		
	Ironwood		2	Cords		
	Red Maple		20	Cords		
	Sugar Maple		8	Cords		
	Quaking Aspen		84	Cords		
	Quaking Aspen	Sawtimber	3.4	MBF		
	Quaking Aspen	Pulpwood	77	Cords		
2	Black Cherry	Sawtimber	13.3	MBF	11.9	\$18,993.35
	Red Maple		90.9	MBF		
	Sugar Maple		25.4	MBF		
	Mixed Hardwood	Pulpwood	221	Cords		
	Beech	Sawtimber	2.2	MBF		
	Beech	Pulpwood	10	Cords		
	Black Cherry		23	Cords		
	Ironwood		3	Cords		
	Red Maple		102	Cords		
	Sugar Maple		79	Cords		
3	Black Cherry	Sawtimber	6.9	MBF	10.4	\$11,761.65
	Red Maple		43.5	MBF		
	Sugar Maple		3.0	MBF		
	White Pine		51.5	MBF		
	Jack Pine	Pulpwood	5	Cords		
	Mixed Hardwood		175	Cords		
	Beech	Sawtimber	1.5	MBF		
	Beech	Pulpwood	36	Cords		
	Black Cherry		28	Cords		
	Red Maple		86	Cords		
	Sugar Maple		22	Cords		
	White Pine		97	Cords		
		TOTAL:	241.9	MBF		
		TOTAL:	612	Cords		

Sale Specific Conditions & Requirements

Sale Name: Blue Water Mix

Sale Number: 61-056-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

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

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH, except trees marked with green paint. Special protection trees identified in accordance with condition 3.4.2, within clearcutting Payment Unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 2 & 3, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting except trees marked with green paint above and below stump height. Special protection trees identified in accordance with condition 3.4.2, within clearcutting Payment Unit boundaries, are not Included Timber and are to be protected.

2.2 - Utilization

2.2.5 - Limbed tree skidding (1/09)

The skidding of whole trees or tree segments with limbs attached is prohibited unless approved by the Unit Manager or his/her representative.

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1 - 3, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted.

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.

Within the Sale Area, if more than 25% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$150 per acre for all acreage within that specified portion of the Sale Area that was damaged.

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

4.1.11 - Permits (2/12)

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

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

5 - Operations

- 5.1 Notification
 - 5.1.1 Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. 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

5.2.1.8 - 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 & 3, 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.

5.2.29 - Shrub protection (1/20)

Do not cut or damage hawthorn, witch-hazel or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

5.2.41 - Snowmobile trail protection (9/11)

The Bear Valley spur is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail.

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

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

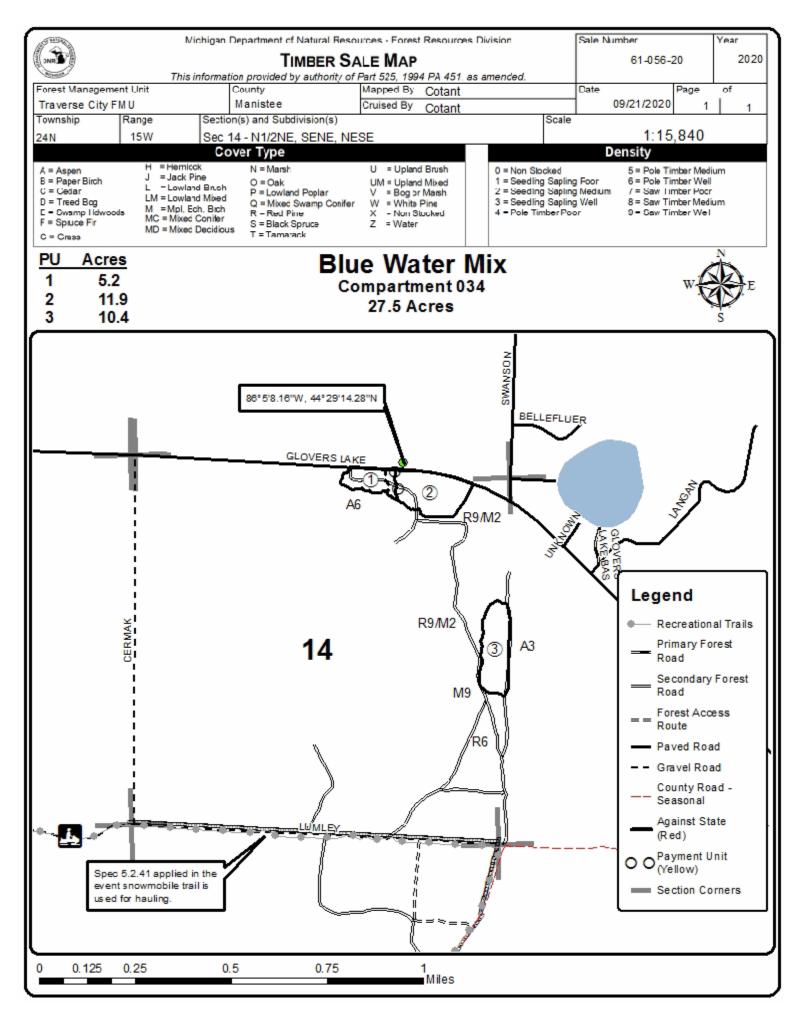
In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain 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 (NLP). 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.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

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



TIMBER SALE INFORMATION

<u>Farewell Nomad Hardwoods (61-057-20)</u> T25N, R14W, SEC. 24; T25N, R14W, SEC. 26. Benzie County (Advertised Price \$47,436.15)

SALE NOTE: Spec 5.2.3.4 Oak wilt applies to Payment Units 1 and 2 only.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	<u>ED UNITS*</u>	<u>ADV</u>	ERTISED PRICE
Sawtimber				
B. T. Aspen	81.0	MBF	\$	79.00 / MBF
Basswood	12.9	MBF	\$	67.00 / MBF
Beech	113.7	MBF	\$	52.00 / MBF
Black Cherry	3.1	MBF	\$	144.00 / MBF
Red Maple	41.2	MBF	\$	116.00 / MBF
Red Oak	11.9	MBF	\$	119.00 / MBF
Sugar Maple	103.9	MBF	\$	155.00 / MBF
Pulpwood				
B. T. Aspen	154	Cords	\$	12.65 / Cord
Mixed Hardwood	793	Cords	\$	11.75 / Cord
Red Oak	24	Cords	\$	10.35 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.69 percent. There are an estimated 1,707 cords on this timber sale, plus or minus 217 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 \$2,372.00 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

IT NUMBER	PERCENT OF TOTAL SALE VALUE
01	34.8%
02	26.8%
03	38.4%

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

5. Operations on the contract issued will terminate on 09/30/2023.

SALE STATISTICS

SALE VOLUMES

VOL	VOLUME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET TOTAL CORDS		PERCENT ERROR	MINIMUM	MAXIMUM
134,860	1,707	12.69%	1,490	1,924

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
44	51,808	656	23.49%	502	810
63	83,053	1,051	14.65%	897	1,205
TOTAL:	134,861	1,707		1,399	2,015

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
44	26.0	3	26.0
63	42.3	1	23.9
		2	18.4
TOTAL:	68.3		68.3

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	B. T. Aspen	Sawtimber	18.1	MBF	23.9	\$16,515.35	
	Basswood		7.3	MBF			
	Beech		47.9	MBF			
	Black Cherry		0.7	MBF			
	Red Maple		5.0	MBF			
	Red Oak		6.7	MBF			
	Sugar Maple		42.9	MBF			
	B. T. Aspen	Pulpwood	42	Cords			
	Mixed Hardwood		281	Cords			
	Basswood		21	Cords			
	Beech		112	Cords			
	Black Cherry		1	Cords			
	Red Maple		10	Cords			
	Sugar Maple		137	Cords			
	Red Oak		14	Cords			
2	B. T. Aspen	Sawtimber	14.0	MBF	18.4	\$12,718.90	
-	Basswood		5.6	MBF	10.1	¢12,110.00	
	Beech		36.9	MBF			
	Black Cherry		0.6	MBF			
	Red Maple		3.9	MBF			
	Red Oak		5.2	MBF			
	Sugar Maple		33.0	MBF			
	B. T. Aspen	Dulpuro d	33.0				
	Mixed Hardwood	Pulpwood		Cords			
			216	Cords			
	Basswood		17	Cords			
	Beech		86	Cords			
	Black Cherry		1	Cords			
	Red Maple		7	Cords			
	Sugar Maple		105	Cords			
	Red Oak		10	Cords		<u> </u>	
3	B. T. Aspen	Sawtimber	48.9	MBF	26.0	\$18,201.90	
	Beech		28.9	MBF			
	Black Cherry		1.8	MBF			
	Red Maple		32.3	MBF			
	Sugar Maple		28.0	MBF			
	B. T. Aspen	Pulpwood	80	Cords			
	Mixed Hardwood		296	Cords			
	Beech		99	Cords			
	Black Cherry		5	Cords			
	Red Maple		85	Cords			
	Sugar Maple		107	Cords			
	TOTAL: 367.7 MBF						
		TOTAL:	971	Cords			

Sale Name: Farewell Nomad Hardwoods

Sale Number: 61-057-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid and 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 - 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, to orange mark trees cut all aspen, ironwood, and beech down to 2 inches at DBH.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

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

2.2.11 - Chipping restriction (9/14)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped. In addition, brush or chips may not be stored or stockpiled on-site for more than 30 days.

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.

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

- 5.1 Notification
 - 5.1.1 Pre-sale conference (10/16)

A pre-sale conference on site 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

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 30 inches in height.

5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1 and 2, cutting, skidding, 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.

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, have and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two 10 inch diameter or larger log size pieces on the ground for every two acres. They should be scattered throughout the sale or positioned per the sale administrators' instructions. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

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.

5.4 - 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.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

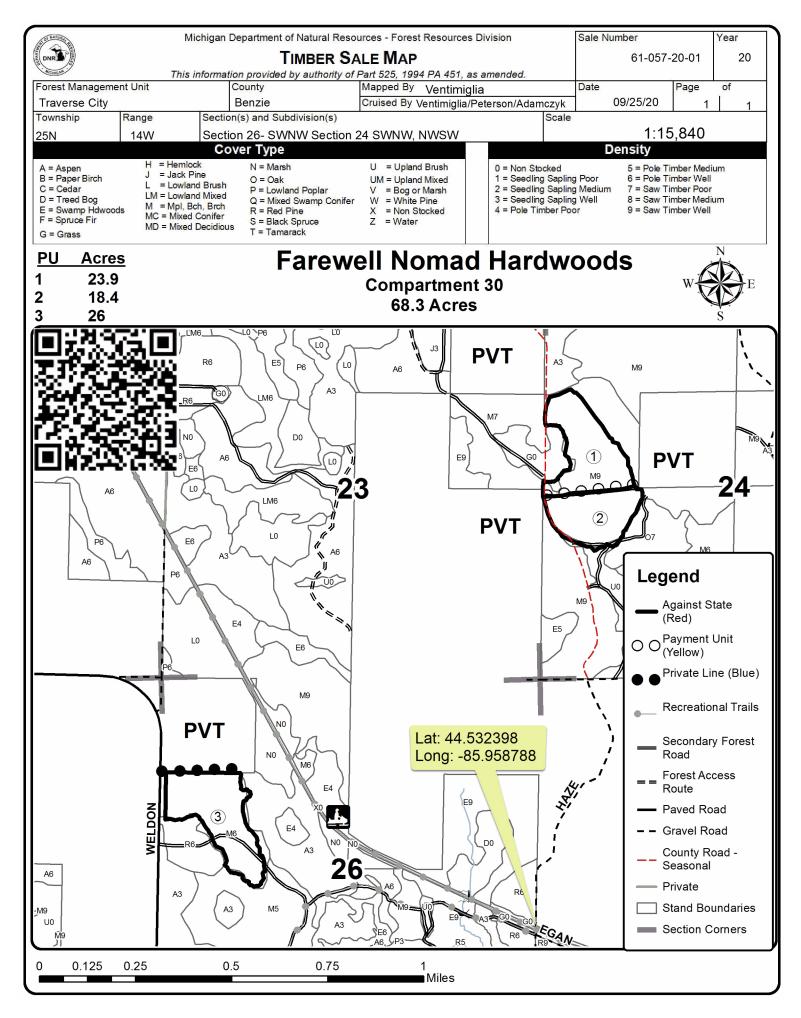
The Purchaser is responsible for posting and maintaining caution signs on all county and state roads prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended 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 beech bark disease. 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.



TIMBER SALE INFORMATION

Valley View Mix (61-058-20) T27N, R14W, SEC. 27. Benzie County (Advertised Price \$74,268.80)

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	ED UNITS*	ADV	ERTISED PRICE
Sawtimber				
Basswood	9.8	MBF	\$	67.00 / MBF
Beech	28.7	MBF	\$	52.00 / MBF
Black Cherry	67.6	MBF	\$	144.00 / MBF
Mixed Aspen	206.3	MBF	\$	79.00 / MBF
Red Maple	108.1	MBF	\$	116.00 / MBF
Sugar Maple	77.7	MBF	\$	155.00 / MBF
Pulpwood				
Mixed Aspen	864	Cords	\$	12.65 / Cord
Mixed Hardwood	900	Cords	\$	11.75 / Cord

* The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$3,713.00 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

II NUMBER	PERCENT OF TOTAL SALE V
01	1.4%
02	20.6%
03	10.3%
04	21.6%
05	7.3%
06	38.8%

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

5. Operations on the contract issued will terminate on 06/30/2023.

SALE STATISTICS

SALE VOLUMES

VOL	UME		STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
217,764	2,757	10.52%	2,467	3,046

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
17	3,476	44	52.58%	21	67
33	136,251	1,725	14.32%	1,478	1,972
40	16,867	214	28.32%	153	274
55	61,186	775	17.40%	640	909
TOTAL:	217,779	2,757		2,291	3,222

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
17	3.8	1	3.8
33	53.5	2	22.3
		4	23.3
		5	7.9
40	18.0	3	18.0
55	43.8	6	43.8
TOTAL:	119.1		119.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	0.3	MBF	3.8	\$1,003.10
	Mixed Aspen		4.3	MBF		
	B. T. Aspen		2.5	MBF		
	Quaking Aspen		1.8	MBF		
	Sugar Maple		1.5	MBF		
	Mixed Aspen	Pulpwood	13	Cords		
	B. T. Aspen		6	Cords		
	Quaking Aspen		7	Cords		
	Mixed Hardwood		19	Cords		
	Black Cherry		4	Cords		
	Ironwood		8	Cords		
	Sugar Maple		7	Cords		
2	Black Cherry	Sawtimber	12.5	MBF	22.3	\$15,316.80
-	Mixed Aspen		80.0	MBF		¢.0,0.000
	B. T. Aspen		71.4	MBF		
	Quaking Aspen		8.6	MBF		
	Red Maple		2.9	MBF		
	Sugar Maple		2.5	MBF		
	Mixed Aspen	Pulpwood	351	Cords		
	B. T. Aspen		283	Cords		
	Quaking Aspen		68	Cords		
	Mixed Hardwood		173	Cords		
	Beech		3	Cords		
	Black Cherry		73	Cords		
	Ironwood		_	Cords		
			6 25			
	Red Maple		25 58	Cords		
	Sugar Maple White Ash		8	Cords Cords		
			_		40.0	#7.047.00
3	Basswood	Sawtimber	6.8	MBF	18.0	\$7,647.90
	Beech		14.5	MBF		
	Black Cherry		2.6	MBF		
	Mixed Aspen		1.2	MBF		
	B. T. Aspen		1.2	MBF		
	Red Maple		1.7	MBF		
	Sugar Maple		29.5	MBF		
	Mixed Aspen	Pulpwood	1	Cords		
	B. T. Aspen		1	Cords		
	Mixed Hardwood		101	Cords		
	Basswood		7	Cords		
	Beech		31	Cords		
	Black Cherry		4	Cords		
	Red Maple		2	Cords		
	Sugar Maple		57	Cords		
4	Black Cherry	Sawtimber	13.1	MBF	23.3	\$16,007.25
	Mixed Aspen		83.7	MBF		
	B. T. Aspen		74.7	MBF		
	Quaking Aspen		9.0	MBF		
	Red Maple		3.0	MBF		
	Sugar Maple		2.6	MBF		
	Mixed Aspen	Pulpwood	367	Cords		
	B. T. Aspen		297	Cords		
	1		70	Cords		
	Quaking Aspen					
	Quaking Aspen Mixed Hardwood		180	Cords		
			180 3	Cords <i>Cords</i>		
	Mixed Hardwood					

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Red Maple	Pulpwood	26	Cords		
	Sugar Maple		61	Cords		
	White Ash		9	Cords		
5	Black Cherry	Sawtimber	4.4	MBF	7.9	\$5,429.80
	Mixed Aspen		28.4	MBF		
	B. T. Aspen		25.3	MBF		
	Quaking Aspen		3.1	MBF		
	Red Maple		1.0	MBF		
	Sugar Maple		0.9	MBF		
	Mixed Aspen	Pulpwood	124	Cords		
	B. T. Aspen		100	Cords		
	Quaking Aspen		24	Cords		
	Mixed Hardwood		62	Cords		
	Beech		1	Cords		
	Black Cherry		26	Cords		
	Ironwood		2	Cords		
	Red Maple		9	Cords		
	Sugar Maple		21	Cords		
	White Ash		3	Cords		
6	Basswood	Sawtimber	3.0	MBF	43.8	\$28,863.95
	Beech		14.2	MBF		
	Black Cherry		34.7	MBF		
	Mixed Aspen		8.7	MBF		
	B. T. Aspen		8.7	MBF		
	Red Maple		99.5	MBF		
	Sugar Maple		40.7	MBF		
	Mixed Aspen	Pulpwood	8	Cords		
	B. T. Aspen		5	Cords		
	Quaking Aspen		3	Cords		
	Mixed Hardwood		365	Cords		
	Basswood		8	Cords		
	Beech		42	Cords		
	Black Cherry		48	Cords		
	Ironwood		8	Cords		
	Red Maple		117	Cords		
	Sugar Maple		142	Cords		
		TOTAL:	498.2	MBF		
		TOTAL:	1,764	Cords		

Sale Name: Valley View Mix

Sale Number: 61-058-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state land are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches, within Payment Units 2 & 4, are marked with double red paint marks; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 2, 4, and 5, cut all trees that are two (2) inches or more at DBH except for elm, hemlock, or any trees marked with green paint.

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

Within Payment Unit(s) 3 and 6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within Payment Unit 3, cut beech and ironwood greater than 3" at DBH unless marked with an orange "X".

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

Within Payment Unit(s) 1, all aspen and ironwood trees greater than 3" at DBH are designated for cutting regardless of merchantability. In addition, cut all trees that are marked with orange paint.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible within Payment Units 3 and 6 unless approved by the Unit Manager or his/her representative.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

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

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 36 inches in height.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 3, and 6, 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.

5.2.4 - Dead and Down Creation

5.2.4.1 - Dead and down creation, marked trees (10/13)

Except for within Payment Unit 3, all trees marked with an orange "X" must be felled and left on site for wildlife. Either cut these trees at 4 feet above ground level and place the cut trunk against the resulting high stump or cut at ground level and place the cut trunk against a small nearby tree retained for this purpose.

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

5.4.3 - 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 wetlands adjacent to the north side of Payment Unit 1 and the west side of Payment Unit 5 ("P8" and "N" on the Timber Sale Map, respectively). 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

5.8.3 - Red shoulder hawk or goshawk (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.

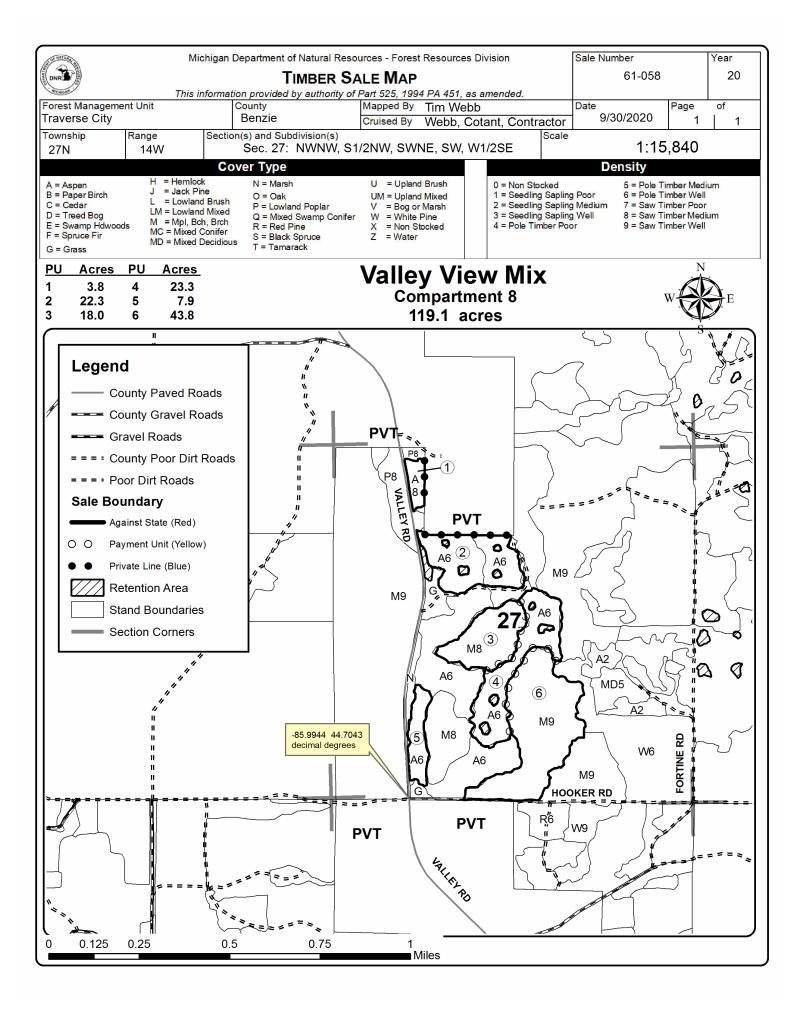
An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Valley and Hooker Roads 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.



TIMBER SALE INFORMATION

Roost Mix (61-037-19)

T26N, R10W, SEC. 13.

Grand Traverse County (Advertised Price \$9,652.25)

SALE NOTE: Chipping is encouraged in Payment Unit 2 to prepare the site for planting (see spec 5.2.1.11).

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

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	ADVE	ERTISED PRICE
Sawtimber				
B. T. Aspen	7.9	MBF	\$	79.00 / MBF
Jack Pine	9.4	MBF	\$	16.00 / MBF
Red Oak	1.9	MBF	\$	119.00 / MBF
Red Pine	41.1	MBF	\$	78.00 / MBF
White Oak	16.5	MBF	\$	70.00 / MBF
Pulpwood				
B. T. Aspen	82	Cords	\$	12.65 / Cord
Jack Pine	80	Cords	\$	7.60 / Cord
Mixed Hardwood	24	Cords	\$	11.75 / Cord
Mixed Oak	80	Cords	\$	10.35 / Cord
Red Pine	53	Cords	\$	27.85 / Cord
White Pine	5	Cords	\$	11.90 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 26.59 percent. There are an estimated 479 cords on this timber sale, plus or minus 127 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 \$483.00 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	21.7%
02	78.3%

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

5. Operations on the contract issued will terminate on 06/30/2023.

SALE STATISTICS

SALE VOLUMES

VOL	UME		STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
37,869	479	26.59%	352	607

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
17	9,994	127	38.07%	78	175
38	18,668	236	40.34%	141	332
40	9,211	117	64.94%	41	192
TOTAL:	37,873	479		260	699

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
17	5.3	2	5.3
38	11.3	2	11.3
40	4.8	1	4.8
TOTAL:	21.4		21.4

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	7.5	MBF	4.8	\$2,089.80
	Jack Pine		2.1	MBF		
	Red Oak		1.9	MBF		
	Red Pine		0.7	MBF		
	White Oak		0.4	MBF		
	B. T. Aspen	Pulpwood	72	Cords		
	Jack Pine		4	Cords		
	Mixed Hardwood		1	Cords		
	Black Cherry		1	Cords		
	Mixed Oak		8	Cords		
	Red Oak		3	Cords		
	White Oak		5	Cords		
	Red Pine		3	Cords		
	White Pine		3	Cords		
	White Pine	Sawtimber	0.5	MBF		
	White Pine	Pulpwood	2	Cords		
2	B. T. Aspen	Sawtimber	0.4	MBF	16.6	\$7,562.45
	Jack Pine		7.3	MBF		
	Red Pine		40.4	MBF		
	White Oak		16.1	MBF		
	B. T. Aspen	Pulpwood	10	Cords		
	Jack Pine		76	Cords		
	Mixed Hardwood		23	Cords		
	Black Cherry		5	Cords		
	Red Maple		18	Cords		
	Mixed Oak		72	Cords		
	Red Oak		4	Cords		
	White Oak		68	Cords		
	Red Pine		50	Cords		
	White Pine		2	Cords		
	White Pine	Sawtimber	0.5	MBF		
	White Pine	Pulpwood	1	Cords		
		TOTAL:	76.8	MBF		
		TOTAL:	324	Cords		

Sale Specific Conditions & Requirements

Sale Name: Roost Mix

Sale Number: 61-037-19 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and blue paint. Exterior boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. 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 2, cut all trees that are two (2) inches or more 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.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 2 shall not exceed 6 inches for all trees. This is to facilitate planting operations.

3 - Payments

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 marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$25 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

4 - Transportation

4.1 - Construction

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR. The utility easement that crosses through Payment Unit 2 is on private land for a short distance at the road on the west side of the unit.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to

determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 3 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.

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

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the utility R.O.W. for operations.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

Within Payment Unit 2, chipping is encouraged as it is the most effective and efficient way to mitigate slash for reforestation. Other tactics to mitigate slash for site preparation would need to be approved by the Unit Manager or his/her representative. Liquidated damages may be assessed at \$250 per acre if it is determined that slash mitigation was inadequate and mastication is needed for the DNR to conduct site preparation for planting.

5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1, 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.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 2, unless changed by written agreement, 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. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1, leave four 12" diameter or larger log-length (8 foot minimum) pieces on the ground scattered around in areas with heavy aspen stocking.

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

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

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. Wood decked along the snowmobile trail must be removed before December 1. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

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.

6 - Safety and Fire Prevention

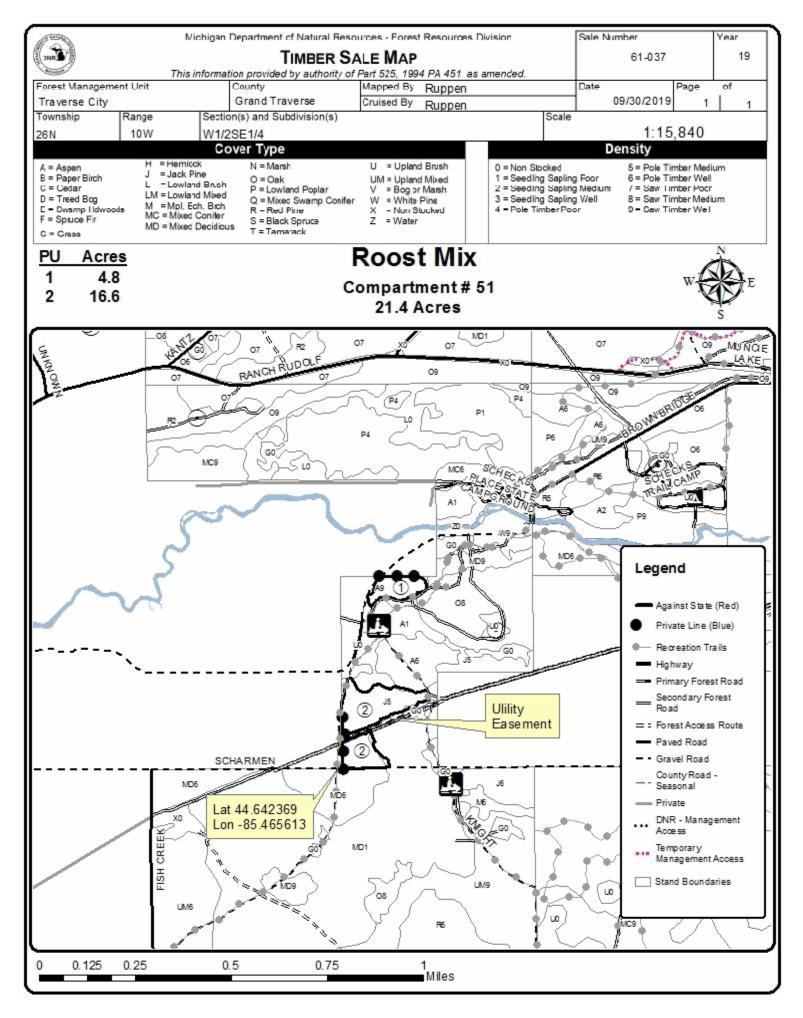
6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on adjacent roads 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.

6.2.2 - Snowmobile trail posting (8/09)

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



TIMBER SALE INFORMATION

Blue Bottle Pine (61-054-19) T27N, R12W, SEC. 30; T27N, R12W, SEC. 31. Grand Traverse County (Advertised Price \$68,913.90)

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 T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	ADVE	ERTISED PRICE
Sawtimber				
B. T. Aspen	48.2	MBF	\$	79.00 / MBF
Red Maple	24.9	MBF	\$	116.00 / MBF
Red Oak	53.5	MBF	\$	119.00 / MBF
Red Pine	172.1	MBF	\$	78.00 / MBF
White Oak	16.8	MBF	\$	70.00 / MBF
White Pine	111.5	MBF	\$	39.00 / MBF
Pulpwood				
B. T. Aspen	112	Cords	\$	12.65 / Cord
Mixed Hardwood	165	Cords	\$	11.75 / Cord
Mixed Oak	273	Cords	\$	10.35 / Cord
Red Pine	904	Cords	\$	27.85 / Cord
White Pine	466	Cords	\$	11.90 / Cord
Red Maple Red Oak Red Pine White Oak White Pine Pulpwood B. T. Aspen Mixed Hardwood Mixed Oak Red Pine	24.9 53.5 172.1 16.8 111.5 112 165 273 904	MBF MBF MBF MBF Cords Cords Cords Cords	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	116.00 / MBF 119.00 / MBF 78.00 / MBF 70.00 / MBF 39.00 / MBF 12.65 / Cord 11.75 / Cord 10.35 / Cord 27.85 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.71 percent. There are an estimated 2,773 cords on this timber sale, plus or minus 352 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 \$3,446.00 to insure faithful performance of the conditions of the contract will be deposited
- by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule :
- (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
- (b) The 10% down payment will be credited towards the first unit cut.
- (c) Payment for each of the following units must be made before cutting begins in that unit: PAYMENT UNIT NUMBER 01 55.1%
 - 01
 55.1%

 02
 44.9%
- 4. If no cutting takes place, the 10% down payment will not be refunded.

5. Operations on the contract issued will terminate on 06/30/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET TOTAL CORDS		PERCENT ERROR	MINIMUM MAXIMUM		
219,064	2,773	12.71%	2,421	3,125	

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 IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
29	122,616	1,552	17.57%	1,279	1,825
129	96,451	1,221	12.13%	1,073	1,369
TOTAL:	219,067	2,773		2,352	3,194

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
29	40.8	1	40.8
129	51.5	2	51.5
TOTAL:	92.3		92.3

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	2.2	MBF	40.8	\$37,947.85
	Red Oak		26.0	MBF		
	Red Pine		127.9	MBF		
	White Oak		10.8	MBF		
	White Pine		59.4	MBF		
	B. T. Aspen	Pulpwood	49	Cords		
	Mixed Hardwood		27	Cords		
	Black Cherry	Sawtimber	0.8	MBF		
	Black Cherry	Pulpwood	2	Cords		
	Red Maple		23	Cords		
	Mixed Oak		160	Cords		
	Red Oak		73	Cords		
	White Oak		87	Cords		
	Red Pine		549	Cords		
	White Pine		315	Cords		
2	B. T. Aspen	Sawtimber	46.0	MBF	51.5	\$30,966.05
	Red Maple		24.9	MBF		
	Red Oak		27.5	MBF		
	Red Pine		44.2	MBF		
	White Oak		6.0	MBF		
	White Pine		52.1	MBF		
	B. T. Aspen	Pulpwood	63	Cords		
	Mixed Hardwood		138	Cords		
	Red Maple		138	Cords		
	Mixed Oak		113	Cords		
	Red Oak		101	Cords		
	White Oak		12	Cords		
	Red Pine		355	Cords		
	White Pine		151	Cords		
		TOTAL:	427.0	MBF		
		TOTAL:	1,920	Cords		

Sale Name: Blue Bottle Pine

Sale Number: 61-054-19 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

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

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

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH except trees marked with green paint. In addition, do not cut any trees greater than 28" at DBH.

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

Within Payment Unit(s) 2, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, all aspen greater than 2" at DBH and all red pine less than 5" at DBH must be cut, regardless of merchantability.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Unit 1 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter does not apply (G. C. & R. 2.2). This is because this Payment Unit is to be planted.

2.2.3 - Stump heights (4/07)

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

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.

Within the Payment Unit 2, if more than 25% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$100.00 per acre for all acreage within that specified portion of the Sale Area that was damaged.

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.

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 chipped, utilized, or dispersed throughout the sale.

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

5 - Operations

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

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

Within Payment Unit(s) 1 & 2 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.

5.2.40 - Pathway protection (10/10)

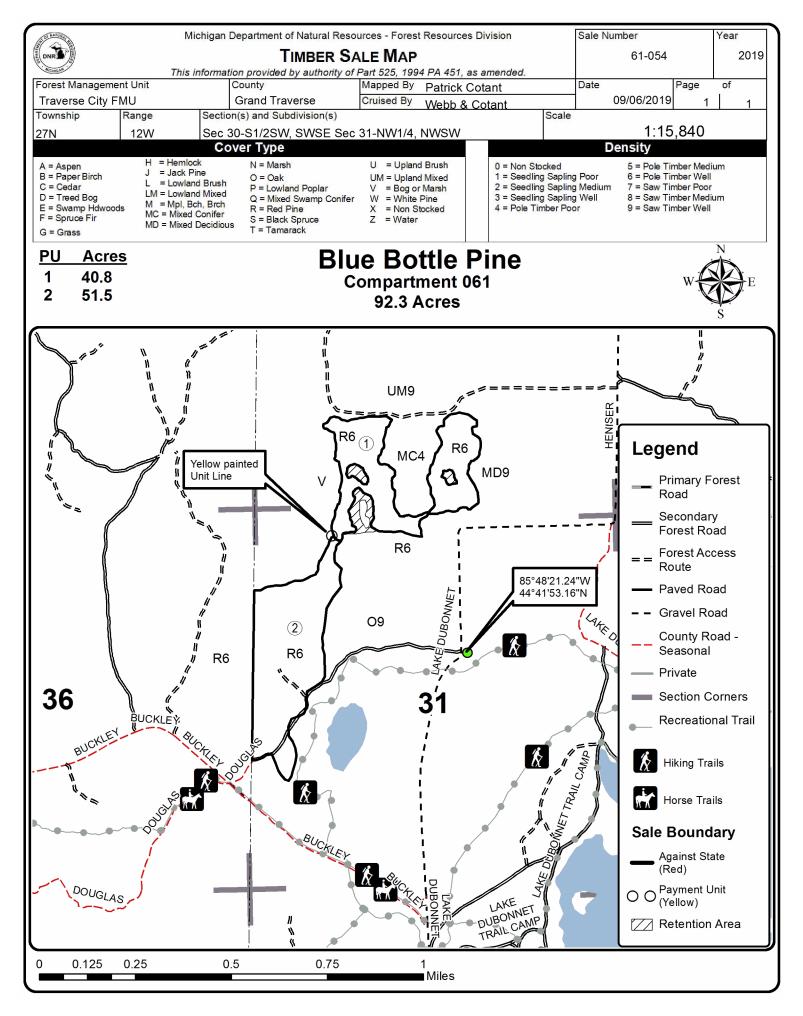
The Lost Lake Trail is a hiking trail and is shown on the Timber Sale Map, although not within the sale boundary. In addition, the Shore to Shore horse trail is shown on the Timber Sale Map. The producer will not be permitted to cut trees or damage posts with blue pathway markers. Maintain a 20-foot-wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on both the hiking and horse trails prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area and/or haul route 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.



BID FORM

Blue Bottle Pine (61-054-19)

T27N, R12W, SEC. 30; T27N, R12W, SEC. 31; Grand Traverse COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on May 20, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	ESTIMATED VOLUME*	<u>A</u>	DVERTISED PRICE	BID PRICE/UNIT
B. T. Aspen	48.2 MBF	\$	79.00/MBF	\$
Red Maple	24.9 MBF	\$	116.00/MBF	\$
Red Oak	53.5 MBF	\$	119.00/MBF	\$
Red Pine	172.1 MBF	\$	78.00/MBF	\$
White Oak	16.8 MBF	\$	70.00/MBF	\$
White Pine	111.5 MBF	\$	39.00/MBF	\$
Pulpwood				
B. T. Aspen	112 Cords	\$	12.65/Cord	\$
Mixed Hardwood	165 Cords	\$	11.75/Cord	\$
Mixed Oak	273 Cords	\$	10.35/Cord	\$
Red Pine	904 Cords	\$	27.85/Cord	\$
White Pine	466 Cords	\$	11.90/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 12.71 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID:	or SOCIAL SECU	JRITY NUMBER:	[.]			
Company or individual bidding:						
Company representative's name:	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:

Phone number :_____ Email (optional):_____

_____ Date:____

TOF NATURAL BED	Michigan Department of Natur Forest Resources Div			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)					
adu Michigan - 57	TIMBER SALE								
	VERIFICATION OF WORKE	R'S DISABII IT	Y	Forest Management Unit:					
	COMPENSATION ACT C			Forest Management Onit.					
VEDIEL	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								
sale	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:								
-	business is organized as (you must	check <u>one</u> of the	boxes below):	:					
	Sole Proprietorship (individual)								
	Partnership								
C. [Corporation								
2. You	u must check <u>one</u> of the boxes below	v:							
A. [I certify my business is a sole propriet Worker's Compensation Laws.	orship and it has no	employees but	the sole proprietor. I am not subject to the					
	Exclusion (BWC-337, Rev. 5/96). I w questions or a copy of the BWC-337,	ill provide a copy of please call the Wor	the Notice of Ex ker's Compensa	sation Act through the use of an approved Notice of xclusion within 21 days of the contract award. (For ation Bureau at 517-322-1195). an original Certificate of Insurance within twenty-					
	one (21) days of the contract award.								
	ou have checked item 2(A) or 2(B), n yourself, including family members			of both full-time and part-time employees, other ou must enter "0").					
	Full-time Er	nnlovees		Part-time Employees					
		npioyees							
Name of E	Business		Federal ID (or)	Social Security No.					
Address			Telephone						
Otto		Otata							
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.								
Signati	Signature of Owner or Authorized Representative								
Title			Da	te					

BID FORM

Roost Mix (61-037-19) T26N, R10W, SEC. 13; Grand Traverse COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on May 20, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
B. T. Aspen	7.9	MBF	\$	79.00/MBF	\$
Jack Pine	9.4	MBF	\$	16.00/MBF	\$
Red Oak	1.9	MBF	\$	119.00/MBF	\$
Red Pine	41.1	MBF	\$	78.00/MBF	\$
White Oak	16.5	MBF	\$	70.00/MBF	\$
Pulpwood					
B. T. Aspen	82	Cords	\$	12.65/Cord	\$
Jack Pine	80	Cords	\$	7.60/Cord	\$
Mixed Hardwood	24	Cords	\$	11.75/Cord	\$
Mixed Oak	80	Cords	\$	10.35/Cord	\$
Red Pine	53	Cords	\$	27.85/Cord	\$
White Pine	5	Cords	\$	11.90/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 26.59 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID:	or SOCIAL SECU	JRITY NUMBER:	[.]			
Company or individual bidding:						
Company representative's name:	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:

Phone number :_____ Email (optional):_____

_____ Date:____

TOF NATURAL BED	Michigan Department of Natur Forest Resources Div			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)					
adu Michigan - 57	TIMBER SALE								
	VERIFICATION OF WORKE	R'S DISABII IT	Y	Forest Management Unit:					
	COMPENSATION ACT C			Forest Management Onit.					
VEDIEL	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								
sale	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:								
-	business is organized as (you must	check <u>one</u> of the	boxes below):	:					
	Sole Proprietorship (individual)								
	Partnership								
C. [Corporation								
2. You	u must check <u>one</u> of the boxes below	v:							
A. [I certify my business is a sole propriet Worker's Compensation Laws.	orship and it has no	employees but	the sole proprietor. I am not subject to the					
	Exclusion (BWC-337, Rev. 5/96). I w questions or a copy of the BWC-337,	ill provide a copy of please call the Wor	the Notice of Ex ker's Compensa	sation Act through the use of an approved Notice of xclusion within 21 days of the contract award. (For ation Bureau at 517-322-1195). an original Certificate of Insurance within twenty-					
	one (21) days of the contract award.								
	ou have checked item 2(A) or 2(B), n yourself, including family members			of both full-time and part-time employees, other ou must enter "0").					
	Full-time Er	nnlovees		Part-time Employees					
		npioyees							
Name of E	Business		Federal ID (or)	Social Security No.					
Address			Telephone						
Otto		Otata							
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.								
Signati	Signature of Owner or Authorized Representative								
Title			Da	te					

BID FORM

_____ Date:_____

Blue Water Mix (61-056-20)

T24N, R15W, SEC. 13; T24N, R15W, SEC. 14; Manistee COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on May 20, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Black Cherry	20.2	MBF	\$	144.00/MBF	\$
Red Maple	138.1	MBF	\$	116.00/MBF	\$
Sugar Maple	32.1	MBF	\$	155.00/MBF	\$
White Pine	51.5	MBF	\$	39.00/MBF	\$
Pulpwood					
Jack Pine	5	Cords	\$	7.60/Cord	\$
Mixed Hardwood	426	Cords	\$	11.75/Cord	\$
Quaking Aspen	84	Cords	\$	12.65/Cord	\$
White Pine	97	Cords	\$	11.90/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 18.79 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 SECL	IRITY NUMBER:	·			
Company or individual bidding:			-			
Company representative's name:	Company representative's name:					
Address:			_			
City:	State:	Zip:	_			

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

Individual	or	com	ban∖	/ re	presentative's	signature:
mannada	U .	00111	pany		01000111011100	orginataro.

Phone number :_____ Email (optional):_____

TOF NATURAL ARESOUR	Michigan Department of Natura Forest Resources Divis			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)			
auto - Michigan - 50	TIMBER SAL	E	ľ				
	VERIFICATION OF WORKER	R'S DISABILITY		Forest Management Unit:			
	COMPENSATION ACT C			orest Management Onit.			
	As required by Act 317, P.A. 1969 (Worke	-					
VEDIEIC	Part 5 of Act 451 of 1994, as	amended.					
	/ERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE						
sale	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 Ir	nformation must be typed or printed e	except for written sig	gnatures.				
Please (Check Appropriate Categories:						
-	pusiness is organized as (you must	check <u>one</u> of the b	oxes below):				
	Sole Proprietorship (individual)						
	Partnership						
C. L	Corporation						
2. You	must check one of the boxes below	r:					
A. 🗆	I certify my business is a sole proprieto Worker's Compensation Laws.	orship and it has no e	mployees but t	he sole proprietor. I am not subject to the			
	Exclusion (BWC-337, Rev. 5/96). I will questions or a copy of the BWC-337, J	I provide a copy of the please call the Worke	e Notice of Exc er's Compensat	ation Act through the use of an approved Notice of clusion within 21 days of the contract award. (For ion Bureau at 517-322-1195). n original Certificate of Insurance within twenty-			
				of both full-time and part-time employees, other I must enter "0").			
	Full-time Err	iployees		Part-time Employees			
Name of Bu	usiness		Federal ID (or) S	ocial 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.							
Title			Date				

BID FORM

Farewell Nomad Hardwoods (61-057-20) T25N, R14W, SEC. 24; T25N, R14W, SEC. 26; Benzie COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on May 20, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
B. T. Aspen	81.0	MBF	\$	79.00/MBF	\$
Basswood	12.9	MBF	\$	67.00/MBF	\$
Beech	113.7	MBF	\$	52.00/MBF	\$
Black Cherry	3.1	MBF	\$	144.00/MBF	\$
Red Maple	41.2	MBF	\$	116.00/MBF	\$
Red Oak	11.9	MBF	\$	119.00/MBF	\$
Sugar Maple	103.9	MBF	\$	155.00/MBF	\$
Pulpwood					
B. T. Aspen	154	Cords	\$	12.65/Cord	\$
Mixed Hardwood	793	Cords	\$	11.75/Cord	\$
Red Oak	24	Cords	\$	10.35/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 12.69 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				
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):_____

AND PRESSOUR	Michigan Department of Natura Forest Resources Divis			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)			
and Michigan . 50	TIMBER SAL	E					
	VERIFICATION OF WORKER	R'S DISABILITY	e	Forest Management Unit:			
	COMPENSATION ACT C						
	As required by Act 317, P.A. 1969 (Worke	-	~				
VEDIEIC	Part 5 of Act 451 of 1994, as	amended.					
sale	 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 In	formation must be typed or printed e	except for written s	ignatures.				
Please C	Check Appropriate Categories:						
-	usiness is organized as (you must	check <u>one</u> of the t	ooxes below):				
	Sole Proprietorship (individual)						
	Partnership						
C. 🗋	Corporation						
2. You	must check one of the boxes below	/:					
A. 🗆	I certify my business is a sole proprieto Worker's Compensation Laws.	orship and it has no	employees but t	he sole proprietor. I am not subject to the			
	 B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award. 						
 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 Em	nployees		Part-time Employees			
Name of Bu	Isiness		Federal ID (or) S	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.							
Title			Date	3			

BID FORM

Valley View Mix (61-058-20) T27N, R14W, SEC. 27; Benzie COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on May 20, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	ESTIMATED VOLUME*		<u>AC</u>	VERTISED PRICE	BID PRICE/UNIT
Basswood	9.8	MBF	\$	67.00/MBF	\$
Beech	28.7	MBF	\$	52.00/MBF	\$
Black Cherry	67.6	MBF	\$	144.00/MBF	\$
Mixed Aspen	206.3	MBF	\$	79.00/MBF	\$
Red Maple	108.1	MBF	\$	116.00/MBF	\$
Sugar Maple	77.7	MBF	\$	155.00/MBF	\$
Pulpwood					
Mixed Aspen	864	Cords	\$	12.65/Cord	\$
Mixed Hardwood	900	Cords	\$	11.75/Cord	\$

*These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: or SOCIAL SECURITY NUMBER:					
Company or individual bidding:					
Company representative's name:					
Address:		-			
City: Sta	ate: Zip:				

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

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

Phone number :_____ Email (optional):_____

AND PRESSOUR	Michigan Department of Natura Forest Resources Divis			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)			
and Michigan . 50	TIMBER SAL	E					
	VERIFICATION OF WORKER	R'S DISABILITY	e	Forest Management Unit:			
	COMPENSATION ACT C						
	As required by Act 317, P.A. 1969 (Worke	-	~				
VEDIEIC	Part 5 of Act 451 of 1994, as	amended.					
sale	 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 In	formation must be typed or printed e	except for written s	ignatures.				
Please C	Check Appropriate Categories:						
-	usiness is organized as (you must	check <u>one</u> of the t	ooxes below):				
	Sole Proprietorship (individual)						
	Partnership						
C. 🗋	Corporation						
2. You	must check one of the boxes below	/:					
A. 🗆	I certify my business is a sole proprieto Worker's Compensation Laws.	orship and it has no	employees but t	he sole proprietor. I am not subject to the			
	 B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award. 						
 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 Em	nployees		Part-time Employees			
Name of Bu	Isiness		Federal ID (or) S	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.							
Title			Date	3			