

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

TIMBER SALE PROSPECTUS #6953

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on December 13, 2021.

LOCATION: KALKASKA FIELD OFFICE, 2089 NORTH BIRCH STREET, KALKASKA, MI 49646.

PROSPECTUS NOTE: Effective immediately: all bid openings for the Traverse City Management (Kalkaska Field Office and Traverse City Field Office) will be held at the Traverse City Field Office regardless of sale location within the unit. All payments will now be handled through the Traverse City Field Office. The Kalkaska Field Office will no longer accept payments or hard paper copies of timber sale bids. Payments for all contracts, use permits, bonds, etc. should be sent to the Traverse City Field Office.

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.

Fletcher Burn Mix (61-107-21) / T25N, R05W, SEC. 34, NESE, SWSE.

Kalkaska County, Advertised Price \$5,828.70, 12.7 Acres, Hardwood, Aspen.

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

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

154 Big Dog (61-122-21) / T26N, R08W, SEC. 18, W1/2SW.

T26N, R08W, SEC. 19, N1/2NE, SESE.

Kalkaska County, Advertised Price \$37,434.20, 68.4 Acres, White Pine, Hardwood.

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

Release The Trees (61-126-21) / T26N, R08W, SEC. 16, NWNW.

T26N, R08W, SEC. 17, NENE.

T26N, R08W, SEC. 18, NE,E1/2SE.

T26N, R08W, SEC. 8, SESE.

Kalkaska County, Advertised Price \$37,697.95, 126.4 Acres, Red Pine, White Pine.

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

The Specialist (61-143-21) / T25N, R06W, SEC. 12, E1/2NW,W1/2NE,SW,NWSE,S1/2SE.

T25N, R06W, SEC. 13, NE.

Kalkaska County, Advertised Price \$43,448.75, 113.5 Acres, Hardwood, Red Oak.

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

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

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

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

Bids must be received by the Unit Manager, KALKASKA OFFICE, 2089 North Birch Street, Kalkaska, MI 49646, no later than 4:00 p.m. (local time) on December 13, 2021. For further information concerning this sale, contact David Lemmien at 231-922-6040.

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

Fletcher Burn Mix (61-107-21) T25N, R05W, SEC. 34.

Kalkaska County (Advertised Price \$5,828.70)

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

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*		<u>ADVI</u>	ADVERTISED PRICE		
Sawtimber						
B. T. Aspen	26.2	MBF	\$	88.00 / MBF		
BI/R/Hybrid Oak	18.1	MBF	\$	58.00 / MBF		
Red Maple	0.9	MBF	\$	124.00 / MBF		
White Oak	3.0	MBF	\$	72.00 / MBF		
Pulpwood						
Mixed Aspen	32	Cords	\$	12.35 / Cord		
Mixed Hardwood	33	Cords	\$	13.50 / Cord		
Mixed Oak	100	Cords	\$	13.05 / Cord		

^{*} The total volume is statistically estimated within plus (+) or minus (-) 19.03 percent. There are an estimated 273 cords on this timber sale, plus or minus 52 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 \$291.00 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

86.0%

02

14.0%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2023.

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	VOLUME		STATISTICAL RANG		
TOTAL CUBIC FEET TOTAL CORDS		PERCENT ERROR	MINIMUM	MAXIMUM	
21,578	273	19.03%	221	325	

VDU VOLUMES

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

	VOLUME			RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
6	3,548	45	28.13%	32	58
9	17,013	215	22.38%	167	264
TOTAL:	20,561	260		199	321

VDU TO PAYMENT UNIT

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

VDU	VDU ACRES	PU	PU ACRES
6	4.2	2	4.2
9	8.5	1	8.5
TOTAL:	12.7		12.7

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	26.2	MBF	8.5	\$5,009.85
	BI/R/Hybrid Oak		11.6	MBF		
	Red Maple		0.9	MBF		
	White Oak		2.6	MBF		
	Mixed Aspen	Pulpwood	21	Cords		
	B. T. Aspen		21	Cords		
	Mixed Hardwood		26	Cords		
	Red Maple		26	Cords		
	Mixed Oak		86	Cords		
	BI/R/Hybrid Oak		66	Cords		
	White Oak		20	Cords		
2	BI/R/Hybrid Oak	Sawtimber	6.5	MBF	4.2	\$818.85
	White Oak		0.4	MBF		
	Mixed Aspen	Pulpwood	11	Cords		
	Quaking Aspen		11	Cords		
	Mixed Hardwood		7	Cords		
	Black Cherry		3	Cords		
	Red Maple		4	Cords		
	Mixed Oak		14	Cords		
	BI/R/Hybrid Oak		12	Cords		
	White Oak		2	Cords		
		TOTAL:	48.2	MBF		
		TOTAL:	165	Cords		

Sale Specific Conditions & Requirements

Sale Name: Fletcher Burn Mix Sale Number: 61-107-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. 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, except do not cut any green marked trees.

2.1.5 - Overstory removal unit(s) (8/11)

Within Payment Unit(s) 1 and 2, all species greater than 4 inches at DBH which meet minimum piece specifications in 2.2 Utilization, are designated for cutting. Do not cut any white pine within Payment Unit 2.

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.

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.

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.

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Written permission is required before harvest operations begin and must be submitted to the Unit Manager.

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.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1 and 2, cutting, skidding, and hauling are limited to the period of December 1 to April 15. This restriction is because of sandy road conditions that will require road to be frozen.

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

Within Payment Unit(s) 1 and 2, cutting, skidding, 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. Hauling can occur if roads were brushed out properly before April 15.

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.

5.2.41 - Snowmobile trail protection (9/11)

The 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 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. All stumps within 20 feet of the snowmobile trail must be cut at ground level. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or his/her representative.

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. Operations are to cease immediately if equipment and weather conditions result in rutting of roads which is 12 inches or greater in depth and 50 feet in length. In addition, operations are to cease immediately if equipment and weather conditions result in rutting on 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

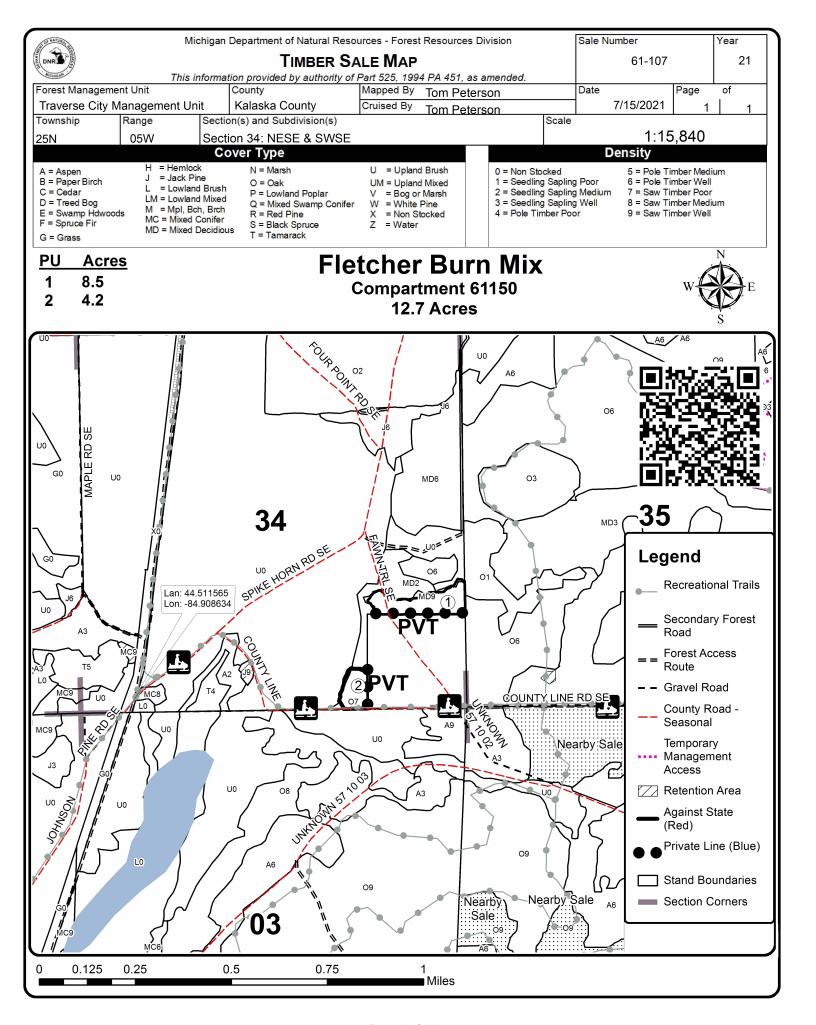
6.2.1 - Road posting (10/20)

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.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail name 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.

Section Name: Sale Specific Current as of 11/3/2021 11:25:13AM



TIMBER SALE INFORMATION

154 Big Dog (61-122-21)

T26N, R08W, SEC. 18; T26N, R08W, SEC. 19. Kalkaska County (Advertised Price \$37,434.20)

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

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

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	ADV	ERTISED PRICE
Sawtimber				
B. T. Aspen	28.0	MBF	\$	88.00 / MBF
Basswood	23.3	MBF	\$	89.00 / MBF
Beech	2.1	MBF	\$	76.00 / MBF
Black Cherry	1.3	MBF	\$	149.00 / MBF
Jack Pine	11.2	MBF	\$	17.00 / MBF
Red Maple	39.2	MBF	\$	124.00 / MBF
Red Oak	23.9	MBF	\$	117.00 / MBF
Red Pine	24.4	MBF	\$	80.00 / MBF
Sugar Maple	34.5	MBF	\$	209.00 / MBF
White Pine	199.2	MBF	\$	35.00 / MBF
Pulpwood				
B. T. Aspen	239	Cords	\$	12.35 / Cord
Jack Pine	22	Cords	\$	8.75 / Cord
Mixed Hardwood	178	Cords	\$	13.50 / Cord
Red Oak	9	Cords	\$	13.05 / Cord
Red Pine	68	Cords	\$	31.40 / Cord
White Pine	54	Cords	\$	14.10 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 12.60 percent. There are an estimated 1,442 cords on this timber sale, plus or minus 182 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 \$1,872.00 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	54.1%
02	14.2%
03	14.6%
04	17.1%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2024.

SALE STATISTICS

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

SALE VOLUMES

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

VOL	UME		STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM	
113,939	1,442	12.60%	1,260	1,624

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
7	72,314	915	17.78%	753	1,078
18	11,567	146	17.73%	120	172
21	5,047	64	30.43%	44	83
25	9,305	118	35.83%	76	160
51	7,932	100	20.65%	80	121
TOTAL:	106,167	1,344		1,073	1,615

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
7	36.4	1	36.4
18	13.9	2	13.9
21	2.3	3	2.3
25	6.2	3	6.2
51	9.6	4	9.6
TOTAL:	68.4		68.4

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	20.9	MBF	36.4	\$20,246.30
	Jack Pine		11.2	MBF		
	Red Maple		20.0	MBF		
	Red Oak		22.6	MBF		
	Red Pine		10.0	MBF		
	White Pine		182.9	MBF		
	B. T. Aspen	Pulpwood	201	Cords		
	Jack Pine		22	Cords		
	Mixed Hardwood		47	Cords		
	Red Maple		47	Cords		
	Red Oak		7	Cords		
	Red Pine		60	Cords		
	White Pine		43	Cords		
2	Basswood	Sawtimber	23.3	MBF	13.9	\$5,303.10
	Beech		2.1	MBF		
	Sugar Maple		9.9	MBF		
	B. T. Aspen	Pulpwood	22	Cords		
	Mixed Hardwood		54	Cords		
	Basswood		14	Cords		
	Beech		2	Cords		
	Sugar Maple		38	Cords		
3	B. T. Aspen	Sawtimber	7.1	MBF	8.5	\$5,473.40
	Black Cherry		1.3	MBF		
	Red Maple		19.2	MBF		
	Red Oak		1.3	MBF		
	Sugar Maple		1.8	MBF		
	White Pine		16.3	MBF		
	B. T. Aspen	Pulpwood	16	Cords		
	Mixed Hardwood		59	Cords		
	Black Cherry		1	Cords		
	Red Maple		54	Cords		
	Sugar Maple		4	Cords		
	Red Oak		2	Cords		
	White Pine		11	Cords		
4	Red Pine	Sawtimber	14.4	MBF	9.6	\$6,411.40
	Sugar Maple		22.8	MBF		
	Mixed Hardwood	Pulpwood	18	Cords		
	Sugar Maple		18	Cords		
	Red Pine		8	Cords		
TOTAL: 387.1 MBF						

Sale Specific Conditions & Requirements

Sale Name: 154 Big Dog Sale Number: 61-122-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

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

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 white oak and green marked trees.

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

Within Payment Unit(s) 2 and 4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.1.5 - Overstory removal unit(s) (8/11)

Within Payment Unit(s) 3, all trees with a DBH equal to or greater than 4 inches which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except green marked trees and white oak.

2.2 - Utilization

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit 1. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

Improvement 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.

4.2 - 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 to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 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 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

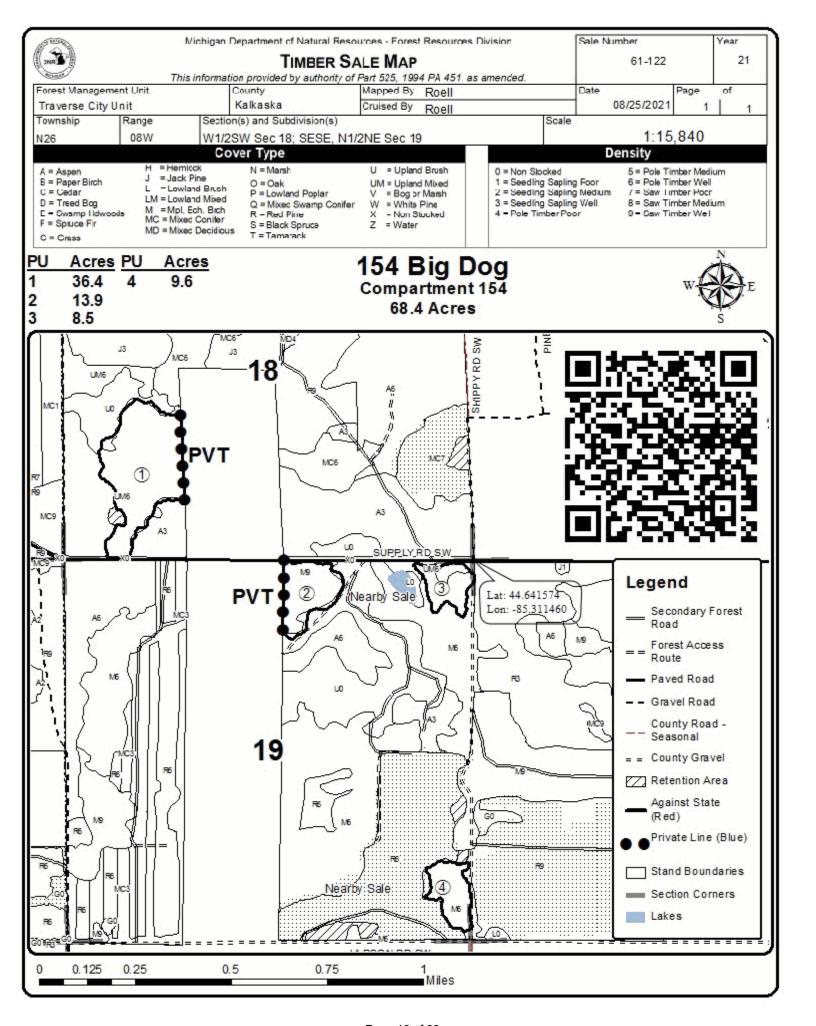
Within Payment Unit(s) 2 and 4, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.4 - 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.

Section Name: Sale Specific Current as of 11/3/2021 7:44:52AM



TIMBER SALE INFORMATION

Release The Trees (61-126-21)

T26N, R08W, SEC. 16; T26N, R08W, SEC. 17; T26N, R08W, SEC. 18; T26N, R08W, SEC. 8. Kalkaska County (Advertised Price \$37,697.95)

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

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

PRODUCTS & SPECIES	<u>ESTIMATE</u>	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Red Oak	109.2	MBF	\$	117.00 / MBF
Red Pine	139.6	MBF	\$	80.00 / MBF
White Pine	149.4	MBF	\$	35.00 / MBF
Pulpwood				
Red Oak	91	Cords	\$	13.05 / Cord
Red Pine	169	Cords	\$	31.40 / Cord
White Pine	144	Cords	\$	14.10 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 7.23 percent. There are an estimated 1,327 cords on this timber sale, plus or minus 96 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 \$1,885.00 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	41.5%
02	10.4%
03	48.1%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2024.

SALE STATISTICS

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

SALE VOLUMES

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

VOL	UME		STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
104,856	1,327	7.23%	1,231	1,423

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
9	29,217	370	16.91%	307	432
15	12,739	161	11.64%	142	180
40	41,040	519	8.88%	473	566
86	11,823	150	24.69%	113	187
TOTAL:	94,818	1,200		1,036	1,365

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.

9	53.7	1	53.7
15	21.4	2	21.4
40	33.8	3	33.8
86	17.5	1	17.5
TOTAL:	126.4		126.4

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Oak	Sawtimber	2.6	MBF	71.2	\$15,633.45
	Red Pine		106.5	MBF		
	White Pine		32.0	MBF		
	Red Oak	Pulpwood	5	Cords		
	Red Pine		136	Cords		
	White Pine		96	Cords		
2	Red Oak	Sawtimber	9.2	MBF	21.4	\$3,930.25
	Red Pine		11.1	MBF		
	White Pine		36.8	MBF		
	Red Oak	Pulpwood	35	Cords		
	Red Pine		3	Cords		
	White Pine		9	Cords		
3	Red Oak	Sawtimber	97.4	MBF	33.8	\$18,134.25
	Red Pine		22.0	MBF		
	White Pine		80.6	MBF		
	Red Oak	Pulpwood	51	Cords		
	Red Pine		30	Cords		
	White Pine		39	Cords		
		TOTAL:	398.2	MBF		
		TOTAL:	404	Cords		

Sale Specific Conditions & Requirements

Sale Name: Release The Trees Sale Number: 61-126-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

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

2 - Timber Specifications

2.1 - Included Timber

2.1.5 - Overstory removal unit(s) (8/11)

Within Payment Unit(s) 1-3, all trees greater than or equal to 6 inches which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except green marked trees and white oak.

2.2 - Utilization

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Units 1-3. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

Improvement 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.

4.2 - 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 to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 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 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

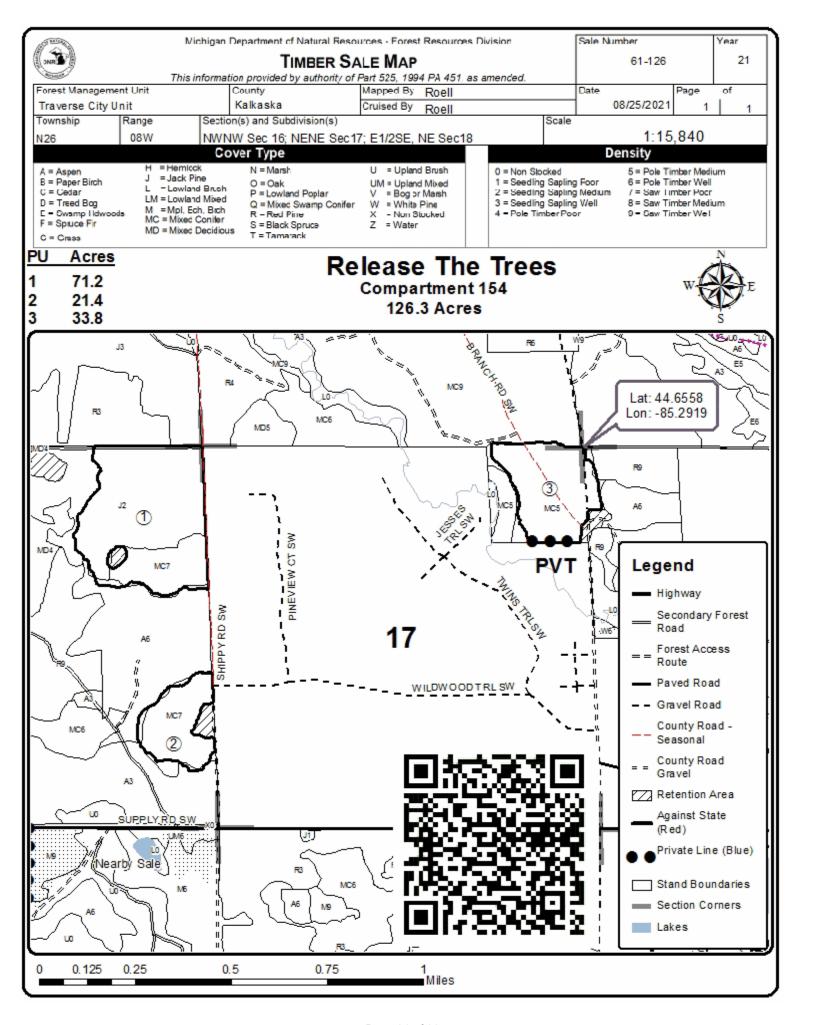
No slash or tree tops may exceed 24 inches in height.

5.4 - 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.

Section Name: Sale Specific Current as of 11/3/2021 10:26:08AM



Page 22 of 38

TIMBER SALE INFORMATION

<u>The Specialist (61-143-21)</u> T25N, R06W, SEC. 12; T25N, R06W, SEC. 13. Kalkaska County (Advertised Price \$43,448.75)

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

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

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	ED UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
B. T. Aspen	3.7	MBF	\$	88.00 / MBF
Black Spruce	14.9	MBF	\$	36.00 / MBF
Jack Pine	22.1	MBF	\$	17.00 / MBF
Red Maple	8.9	MBF	\$	124.00 / MBF
Red Oak	182.2	MBF	\$	117.00 / MBF
Red Pine	48.8	MBF	\$	80.00 / MBF
White Oak	36.6	MBF	\$	72.00 / MBF
White Pine	58.0	MBF	\$	35.00 / MBF
Pulpwood				
B. T. Aspen	63	Cords	\$	12.35 / Cord
Black Spruce	80	Cords	\$	18.25 / Cord
Jack Pine	130	Cords	\$	8.75 / Cord
Mixed Hardwood	77	Cords	\$	13.50 / Cord
Mixed Oak	368	Cords	\$	13.05 / Cord
Red Pine	18	Cords	\$	31.40 / Cord
White Pine	102	Cords	\$	14.10 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 6.18 percent. There are an estimated 1,806 cords on this timber sale, plus or minus 112 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 \$2,172.00 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	26.4%
02	4.4%
03	18.4%
04	50.8%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/31/2024.

SALE STATISTICS

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

SALE VOLUMES

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

VOL	UME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
142,689	1,806	6.18%	1,695	1,918

VDU VOLUMES

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

	VOL	JME		RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
4	33,934	430	13.25%	373	486
7	35,294	447	6.59%	417	476
13	48,399	613	11.28%	544	682
54	7,896	100	17.98%	82	118
TOTAL:	125,523	1,589		1,415	1,762

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:	113.5		113.5
54	4.2	2	4.2
13	59.8	4	59.8
7	25.1	3	25.1
4	24.4	1	24.4
VDU	VDU ACRES	PU	PU ACRES

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	4.2	MBF	24.4	\$11,484.20
	Red Oak		43.7	MBF		
	White Oak		32.7	MBF		
	B. T. Aspen	Pulpwood	25	Cords		
	Mixed Hardwood		36	Cords		
	Red Maple		36	Cords		
	Mixed Oak		207	Cords		
	Red Oak		104	Cords		
	White Oak		103	Cords		
2	B. T. Aspen	Sawtimber	3.7	MBF	4.2	\$1,926.95
	Red Oak		5.7	MBF		
	B. T. Aspen	Pulpwood	38	Cords		
	Jack Pine		24	Cords		
	Mixed Hardwood		2	Cords		
	Black Cherry		2	Cords		
	Mixed Oak		11	Cords		
	Red Oak		6	Cords		
	White Oak		5	Cords		
	White Pine		6	Cords		
3	Black Spruce	Sawtimber	14.9	MBF	25.1	\$7,994.80
Ü	Jack Pine	Gawanison	22.1	MBF		ψ1,001.00
	Red Maple		3.5	MBF		
	Red Pine		28.9	MBF		
	White Pine		21.5	MBF		
	Black Spruce	Pulpwood	80	Cords		
	Jack Pine	i uipwood	106	Cords		
	Mixed Hardwood		35	Cords		
	Red Maple		35	Cords		
	Red Pine		6	Cords		
	White Pine		38	Cords		
4	Red Maple	Sawtimber	1.2	MBF	59.8	\$22.042.90
4	Red Maple Red Oak	Jawumbel	132.8	MBF	39.6	\$22,042.80
	Red Pine		19.9	MBF		
	White Oak			MBF		
	White Pine		3.9 36.5	MBF		
		Pulpwood	l			
	Mixed Hardwood	Fulpwood	4	Cords		
	Red Maple		4	Cords		
	Mixed Oak		150	Cords		
		I	142	Cords		
	Red Oak		_	0		
	White Oak		8	Cords		
	White Oak Red Pine		12	Cords		
	White Oak		12 58			
	White Oak Red Pine	TOTAL:	12	Cords		

Sale Specific Conditions & Requirements

Sale Name: The Specialist Sale Number: 61-143-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

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

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-4, cut all trees that are two (2) inches or more at DBH, except leave all trees marked with green paint.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 4 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. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is to facilitate planting operations.

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.

4.2 - 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 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 5 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 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.3 - 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 Units 3 and 4, 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.

5.2.22 - Operating Caution

5.2.22.2 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 3, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of seasonal high-water table.

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.

5.2.41 - 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 road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. 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. 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

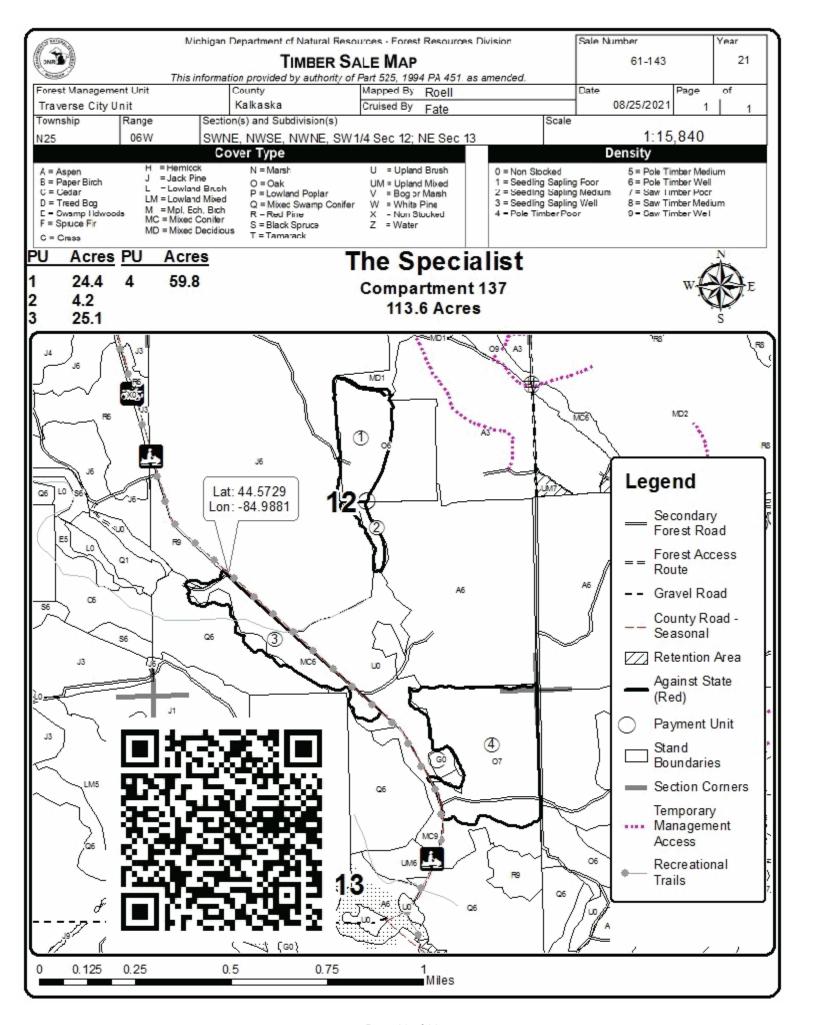
6.2.2 - Snowmobile trail posting (10/20)

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.

6.2.3 - Recreational trail posting (10/20)

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

signs.



BID FORM

TRAVERSE CITY MANAGEMENT UNIT KALKASKA OFFICE

154 Big Dog (61-122-21)

T26N, R08W, SEC. 18; T26N, R08W, SEC. 19; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on December 13, 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>AC</u>	VERTISED PRICE	BID PRICE/UNIT
B. T. Aspen	28.0	MBF	\$	88.00/MBF	\$
Basswood	23.3	MBF	\$	89.00/MBF	\$
Beech	2.1	MBF	\$	76.00/MBF	\$
Black Cherry	1.3	MBF	\$	149.00/MBF	\$
Jack Pine	11.2	MBF	\$	17.00/MBF	\$
Red Maple	39.2	MBF	\$	124.00/MBF	\$
Red Oak	23.9	MBF	\$	117.00/MBF	\$
Red Pine	24.4	MBF	\$	80.00/MBF	\$
Sugar Maple	34.5	MBF	\$	209.00/MBF	\$
White Pine	199.2	MBF	\$	35.00/MBF	\$
Pulpwood					
B. T. Aspen	239	Cords	\$	12.35/Cord	\$
Jack Pine	22	Cords	\$	8.75/Cord	\$
Mixed Hardwood	178	Cords	\$	13.50/Cord	\$
Red Oak	9	Cords	\$	13.05/Cord	\$
Red Pine	68	Cords	\$	31.40/Cord	\$
White Pine	54	Cords	\$	14.10/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 12.60 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 SOCIA	L SECURITY NUMBER:	<u></u>	
	Company or individual bidding:_				
	Company representative's name	ə:		<u></u>	
	Address:			<u></u>	
	City:		Zip:		
F AVAILA	ABLE, PLEASE PLACE THE PER	SONALIZED LABEL	FROM YOUR PROSPE	ECTUS IN THE ABOVE BOX.	
ndividual	l or company representative's sign	Date:			
Phone nu	ımber :		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

Signature of Owner or Authorized Representative

Title

	Part 5 of Act 451 of 1994, as	amended.						
VE	RIFICATION OF WORKER'S DISABILIT	Y COMPENSATION	ON 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	ease Check Appropriate Categories:							
1.	My business is organized as (you must check <u>one</u> of the boxes below): A. □ Sole Proprietorship (individual) B. □ Partnership C. □ Corporation							
3.	 A. ☐ I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws. B. ☐ I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. ☐ I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award. 							
	Full-time En	nployees	Part-time Employees					
Nam	ne of Business		Federal ID (or) Social Security No.					
Addı	ress		Telephone ()					
City		State	ZIP					
	reby certify that the above information is actors affecting my coverage during any c		I agree to notify the Michigan DNR of any changes that occur future operations.					

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

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

Date

BID FORM

TRAVERSE CITY MANAGEMENT UNIT KALKASKA OFFICE

Release The Trees (61-126-21)

T26N, R08W, SEC. 16; T26N, R08W, SEC. 17; T26N, R08W, SEC. 18; T26N,

In response to the notice of sale to be held 4:00 p.m. (local time) on December 13, 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	ESTIMATED VO	LUME*	ADVERTISED PRICE	BID PRICE/UNIT
Sawtimber				
Red Oak	109.2 ME	3F \$	117.00/MBF	\$
Red Pine	139.6 ME	BF \$	80.00/MBF	\$
White Pine	149.4 ME	BF \$	35.00/MBF	\$
Pulpwood				
Red Oak	91 Cd	ords \$	13.05/Cord	\$
Red Pine	169 Cd	ords \$	31.40/Cord	\$
White Pine	144 Cc	ords \$	14.10/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 7.23 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

	Company or individual bidding:				
	Company representative's name:_				
	Address:	-			
	City:	State:	Zip:		
IF AVAILA	ABLE, PLEASE PLACE THE PERSO	NALIZED LABEL FROI	M YOUR PROSPECTUS IN T	THE ABOVE BOX.	
Individual or company representative's signature: Date:					
Phone nu	ımber :	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.

•	twenty-one (21) days of the contract award and prior to the issuance	
•	All Information must be typed or printed except for written signature.	s.
PΙε	Please Check Appropriate Categories:	
1.	1. My business is organized as (you must check <u>one</u> of the boxes be	low):
	A. ☐ Sole Proprietorship (individual)	
	B. 🗌 Partnership	
	C. Corporation	
2.	2. You must check <u>one</u> of the boxes below:	
	 A. I certify my business is a sole proprietorship and it has no employee Worker's Compensation Laws. 	s but the sole proprietor. I am not subject to the
	B. I certify my business has satisfied its o bligation to the Worker's Cor Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice questions or a copy of the BWC-337, please call the Worker's Com	of Exclusion within 21 days of the contract award. (For
	C. I certify my business has a Worker's Compensation Policy. I will proone (21) days of the contract award.	ovide an original Certificate of Insurance within twenty-
3.	 If you have checked item 2(A) or 2(B), you must indicate the number than yourself, including family members and active partners (if nonFull-time Employees 	
lan	Name of Business Federal II	O (or) Social Security No.
ادادا	Address Telephon	
Aaa	Address Telephon)
City	City State ZIP	
n f	hereby certify that the above information is true and correct. I agree to a factors affecting my coverage during any of my present and future operations. Signature of Owner or Authorized Representative	
7	Title	Date

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

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

BID FORM

TRAVERSE CITY MANAGEMENT UNIT KALKASKA OFFICE

Fletcher Burn Mix (61-107-21) T25N, R05W, SEC. 34; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on December 13, 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	ESTIMATED VOLUME*	<u>A</u> E	OVERTISED PRICE	BID PRICE/UNIT
Sawtimber				
B. T. Aspen	26.2 MBF	\$	88.00/MBF	\$
BI/R/Hybrid Oak	18.1 MBF	\$	58.00/MBF	\$
Red Maple	0.9 MBF	\$	124.00/MBF	\$
White Oak	3.0 MBF	\$	72.00/MBF	\$
Pulpwood				
Mixed Aspen	32 Cords	\$	12.35/Cord	\$
Mixed Hardwood	33 Cords	\$	13.50/Cord	\$
Mixed Oak	100 Cords	\$	13.05/Cord	\$

*The volumes are statistically estimated within plus (+) or minus (-) 19.03 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

	FEDERAL ID:	or SOCIAL SECU	JRITY NUMBER:				
	Company or individual bidding:				Ш		
	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 signatu	Date:					
Phone number :			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

Signature of Owner or Authorized Representative

Title

	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 e	except for written s	ignatures.		
Ple	ease Check Appropriate Categories:				
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 one of the boxes below: A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws. B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195). C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award. 				
 If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time empthan yourself, including family members and active partners (if none, you must enter "0"). 					
	Full-time En	nployees	Part-time Employees		
Name of Business			Federal ID (or) Social Security No.		
Address			Telephone ()		
City		State	ZIP		
	ereby certify that the above information is actors affecting my coverage during any c		I agree to notify the Michigan DNR of any changes that occur future operations.		

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

Date

EEDEDVI ID:

BID FORM

TRAVERSE CITY MANAGEMENT UNIT KALKASKA OFFICE

The Specialist (61-143-21)

T25N, R06W, SEC. 12; T25N, R06W, SEC. 13; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on December 13, 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.

	ODUCTS & SPECIES vtimber	ESTIMATED	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Ca	B. T. Aspen	3.7	MBF	\$	88.00/MBF	\$
	Black Spruce	14.9	MBF	\$	36.00/MBF	\$
	Jack Pine	22.1	MBF	\$	17.00/MBF	\$
	Red Maple	8.9	MBF	\$	124.00/MBF	\$
	Red Oak	182.2	MBF	\$	117.00/MBF	\$
	Red Pine	48.8	MBF	\$	80.00/MBF	\$
	White Oak	36.6	MBF	\$	72.00/MBF	\$
	White Pine	58.0	MBF	\$	35.00/MBF	\$
Pul	pwood					
	B. T. Aspen	63	Cords	\$	12.35/Cord	\$
	Black Spruce	80	Cords	\$	18.25/Cord	\$
	Jack Pine	130	Cords	\$	8.75/Cord	\$
	Mixed Hardwood	77	Cords	\$	13.50/Cord	\$
	Mixed Oak	368	Cords	\$	13.05/Cord	\$
	Red Pine	18	Cords	\$	31.40/Cord	\$
	White Pine	102	Cords	\$	14.10/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 6.18 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 SE	CURITY 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:						
hone 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

Signature of Owner or Authorized Representative

Title

	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	ease Check Appropriate Categories:				
1.	 My business is organized as (you must check <u>one</u> of the boxes below): A. □ Sole Proprietorship (individual) B. □ Partnership C. □ Corporation 				
 You must check one of the boxes below: A. I certify my business is a sole proprietorship and it has no em Worker's Compensation Laws. B. I certify my business has satisfied its o bligation to the Worker Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the questions or a copy of the BWC-337, please call the Worker's 			orker's Compensation Act through the use of an approved Notice of the Notice of Exclusion within 21 days of the contract award. (For		
	C. I certify my business has a Worker's Conne (21) days of the contract award.	Compensation Polic	y. 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 employee than yourself, including family members and active partners (if none, you must enter "0").					
	Full-time Er	nployees	Part-time Employees		
Name of Business			Federal ID (or) Social Security No.		
Address			Telephone ()		
City		State	ZIP		
	ereby certify that the above information is actors affecting my coverage during any o		I agree to notify the Michigan DNR of any changes that occur		

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

Date

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