

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

TIMBER SALE PROSPECTUS #6589

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on February 4, 2020. LOCATION: GRAYLING MGMT UNIT, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738.

PROSPECTUS NOTE: All sales have class A road access.

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

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

C196 Contract RP (72-004-19) / T25N, R04W, SEC. 23, S1/2SE.

T25N, R04W, SEC. 26, N1/2NW, SENW, W1/2NE.

T25N, R04W, SEC. 27, SENE, N1/2SE.

Crawford County, Advertised Price \$200,765.85, 146.0 Acres, Red Pine, Hardwood.

SALE NOTE: Sale contains 107.6 acres of red pine thinning, 25.6 acres of red pine final harvest, and 12.8 acres of aspen final harvest. Specifications are included to protect the snowmobile trail, ORV route, and MCCCT trail. Bark slip restrictions are also included for the thinning units. Chipping is required in Payment Unit 1. Parts of the sale can be accessed directly off of Class A roads. Pipelines and well sites are located within the vicinity of the sale.

Marking and Cruising were completed by Upper Michigan Land Management and Wildlife Services through a marking contract.

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.

Guard Dog Mix (72-010-19) / T24N, R08E, SEC. 12, SENE, NESE.

T24N, R09E, SEC. 7, NWSW.

losco County, Advertised Price \$30,258.60, 19.2 Acres, Hardwood, Aspen.

SALE NOTE: Sale contains 19.2 acres of final harvest in a mixed deciduous stand. The oak wilt restriction is in place, along with a restriction to harvest during dry summer or frozen winter conditions, as recommended by the Eastern Massasauga CCAA Agreement.

Space Dog RP (72-025-19) / T28N, R04W, SEC. 14, SENE, SWSW, SE.

T28N, R04W, SEC. 15, SENW, SWNE, N1/2SE.

T28N, R04W, SEC. 23, W1/2NW, NWNE.

Crawford County, Advertised Price \$87,412.80, 86.7 Acres, Red Pine, Spruce/Fir/Tamarack.

SALE NOTE: Payment Units 1 & 2 have direct access to Old 27 (Class A Route).

The Purchaser is responsible for contacting the gas or pipeline company 5 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Shell Western E & P Inc. at 1-616-258-9157.

Purchaser must also obtain permission from the utility company to utilize the power line R.O.W. for operations.

Badger Dash (72-638-19) / T28N, R02W, SEC. 22, NE,S1/2SW,NWSE. T28N, R02W, SEC. 23, NENW,S1/2NW,W1/2NE,N1/2SW.

Crawford County, Advertised Price \$78,583.65, 134.6 Acres, Aspen, Red Pine.

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

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

Bids must be received by the Unit Manager, GRAYLING OFFICE, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738, no later than 9:00 a.m. (local time) on February 4, 2020. For further information concerning this sale, contact Thomas Barnes at 989-348-6371 extension 7440.

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

Page 6 of 36	
--------------	--

TIMBER SALE INFORMATION

C196 Contract RP (72-004-19)

T25N, R04W, SEC. 23; T25N, R04W, SEC. 26; T25N, R04W, SEC. 27.

Crawford County (Advertised Price \$200,765.85)

SALE NOTE: Sale contains 107.6 acres of red pine thinning, 25.6 acres of red pine final harvest, and 12.8 acres of aspen final harvest. Specifications are included to protect the snowmobile trail, ORV route, and MCCCT trail. Bark slip restrictions are also included for the thinning units. Chipping is required in Payment Unit 1. Parts of the sale can be accessed directly off of Class A roads. Pipelines and well sites are located within the vicinity of the sale.

Marking and Cruising were completed by Upper Michigan Land Management and Wildlife Services through a marking contract.

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. Bids must be at or above the following advertised price for each species:

PRODUCTS & SPECIES	ESTIMATE	ED UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Red Maple	12.30	MBF	\$	66.00 / MBF
Red Pine	1,079.10	MBF	\$	120.00 / MBF
Pulpwood				
Balsam Fir	4.00	Cords	\$	19.85 / Cord
Jack Pine	100.00	Cords	\$	25.95 / Cord
Mixed Aspen	97.00	Cords	\$	24.40 / Cord
Mixed Hardwood	144.00	Cords	\$	33.20 / Cord
Mixed Oak	75.00	Cords	\$	24.90 / Cord
Paper Birch	11.00	Cords	\$	11.75 / Cord
Red Pine	880.00	Cords	\$	56.55 / Cord
Scotch Pine	217.00	Cords	\$	34.40 / Cord
White Pine	46.00	Cords	\$	30.75 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 12.44 percent. 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 \$10,038.00 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	26.6%
02	3.9%
03	23.9%
04	21.4%
05	6.7%
06	12.4%
07	5.1%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- $5.\ Operations\ on\ the\ contract\ is sued\ will\ terminate\ on\ 03/31/2022.$

Description of Timber by Payment Unit (PU)

1	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
	Red Maple	Sawtimber	2.1	MBF	25.6	\$53,308.35
	Red Pine		270.3	MBF		
	Mixed Hardwood	Pulpwood	2.0	Cords		
	Mixed Oak		68.0	Cords		
	Red Pine		197.0	Cords		
	Scotch Pine		217.0	Cords		
	White Pine		12.0	Cords		
2	Red Pine	Sawtimber	51.7	MBF	4.1	\$7,900.50
	Red Pine	Pulpwood	30.0	Cords		
3	Red Pine	Sawtimber	281.5	MBF	35.8	\$47,996.85
	Jack Pine	Pulpwood	53.0	Cords		
	Mixed Oak		7.0	Cords		
	Red Pine		224.0	Cords		
4	Red Pine	Sawtimber	264.8	MBF	33.6	\$43,049.30
	Balsam Fir	Pulpwood	1.0	Cords		
	Red Pine		199.0	Cords		
5	Red Pine	Sawtimber	76.6	MBF	21.0	\$13,455.50
	Mixed Hardwood	Pulpwood	1.0	Cords		
	Red Pine		71.0	Cords		
	White Pine		7.0	Cords		
6	Red Pine	Sawtimber	132.1	MBF	13.1	\$24,889.50
	Balsam Fir	Pulpwood	3.0	Cords		
	Mixed Hardwood		3.0	Cords		
	Red Pine		157.0	Cords		
7	Red Maple	Sawtimber	10.2	MBF	12.8	\$10,165.85
	Red Pine		2.1	MBF		
	Jack Pine	Pulpwood	47.0	Cords		
	Mixed Aspen		97.0	Cords		
	Mixed Hardwood		138.0	Cords		
	Paper Birch		11.0	Cords		
	Red Pine		2.0	Cords		
	1 14 // D:	ĺ	27.0	Cords		
	White Pine	l	l	<u> </u>		
	White Pine	TOTAL:	1,091.4	MBF		

Sale Specific Conditions & Requirements

Sale Name: C196 Contract RP Sale Number: 72-004-19 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

The sale boundaries are marked and identified by red paint, with the exception of the boundaries that are adjacent to roads or trails, which are unpainted and designated by the road or trail (see Timber Sale Map). 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 7, cut all trees that are two (2) inches or more at DBH, except within Payment Unit 7, do not cut trees greater than 26 inches at DBH (i.e. legacy trees).

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

Within Payment Unit(s) 2-6, all trees are designated for cutting when marked with orange paint above and below stump height, 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. If market conditions limit the practicality of chipping, tops and slash must be arranged in a way that will not inhibit future planting operations, as directed by the sale administrator. 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 Payment Units 1-6 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

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

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, utilized or otherwise removed from the sale.

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

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

4.1.11 - Permits (2/12)

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

4.2 - Maintenance

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during wet weather conditions.

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.

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

The Purchaser is responsible for contacting the pipeline company prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Breitburn at 888-250-1681.

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) 2-6, 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

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

To encourage grouse and other wildlife, in Payment Unit(s) 7, leave one, 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

5.2.32 - Decking/landing restoration (9/13)

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

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

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

5.2.39 - ORV trail/route protection (4/18)

The West Higgins Route and Beaver Creek MCCT Trail are an ORV route and trail which are shown on the Timber Sale Map. Do not cut trees or damage posts with ORV markers. All stumps within 5 feet of the trails must be cut flush with the ground. Maintain a 20 foot wide slash, debris, and rut free zone daily using the ORV trail and route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the sale administrator.

5.2.41 - Snowmobile trail protection (9/11)

Trail 7 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 1st. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31 without written approval of Unit Manager. 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. The snowmobile trail may only be crossed at right angles. 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. In addition, any trees cut within 5 feet of the trail must be cut flush at ground level.

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 King, Fletcher, and Military Roads prior to beginning operations. The road must be posted at appropriate distances from active payment units 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.

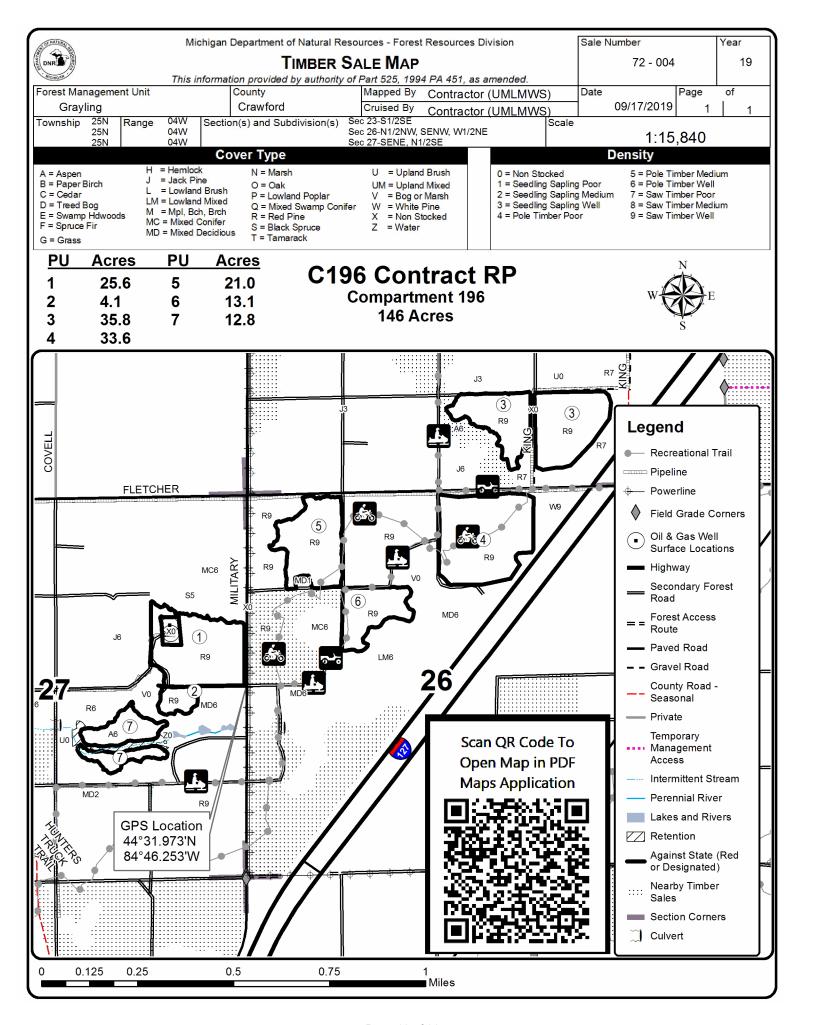
6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on Trail 7 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from active payment units to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on West Higgins Lake Route and Beaver Creek MCCCT Trail prior to beginning operations. The trail must be posted at appropriate distances from the active payment units 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.

Section Name: Sale Specific Current as of 1/14/2020 3:32:46PM



TIMBER SALE INFORMATION

<u>Guard Dog Mix (72-010-19)</u> T24N, R08E, SEC. 12; T24N, R09E, SEC. 7.

Iosco County (Advertised Price \$30,258.60)

SALE NOTE: Sale contains 19.2 acres of final harvest in a mixed deciduous stand. The oak wilt restriction is in place, along with a restriction to harvest during dry summer or frozen winter conditions, as recommended by the Eastern Massasauga CCAA Agreement.

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. Bids must be at or above the following advertised price for each species:

PRODUCTS & SPECIES	ESTIMATED UNITS*		<u>ADV</u>	ERTISED PRICE
Sawtimber				
B. T. Aspen	19.40	MBF	\$	70.00 / MBF
Mixed Oak	86.40	MBF	\$	197.00 / MBF
Red Maple	46.00	MBF	\$	66.00 / MBF
Pulpwood				
B. T. Aspen	50.00	Cords	\$	24.40 / Cord
Balsam Fir	8.00	Cords	\$	19.85 / Cord
Jack Pine	3.00	Cords	\$	25.95 / Cord
Mixed Hardwood	134.00	Cords	\$	33.20 / Cord
Mixed Oak	94.00	Cords	\$	24.90 / Cord
Paper Birch	9.00	Cords	\$	11.75 / Cord
White Pine	16.00	Cords	\$	30.75 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 19.15 percent. 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 \$1,513.00 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 remainder is due before cutting begins.
 - (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

100.0%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 03/31/2022.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	19.4	MBF	19.2	\$30,258.60
	Mixed Oak		86.4	MBF		
	Red Maple		46.0	MBF		
	B. T. Aspen	Pulpwood	50.0	Cords		
	Balsam Fir		8.0	Cords		
	Jack Pine		3.0	Cords		
	Mixed Hardwood		134.0	Cords		
	Mixed Oak		94.0	Cords		
	Paper Birch		9.0	Cords		
	White Pine		16.0	Cords		
		TOTAL:	151.8	MBF		
		TOTAL:	314.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Guard Dog Mix Sale Number: 72-010-19 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary is 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.

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 do not cut white pine greater than 26 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 DBH and 6 inches for trees smaller than 10 inches DBH. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

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.

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

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

4.1.11 - Permits (2/12)

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

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.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.1 - Slash within sale area (9/16)

No trees are to be felled outside the sale area and all slash is to be kept at least 30 feet back from the blue paint line. If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 48 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

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1, unless changed by written agreement, cutting, skidding, and hauling are limited to dry summer or frozen winter conditions. This restriction is to minimize rutting and soil compaction as recommended by Eastern Massasauga Rattlesnake Conservation Measures.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit 1, 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.

5.2.32 - 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.

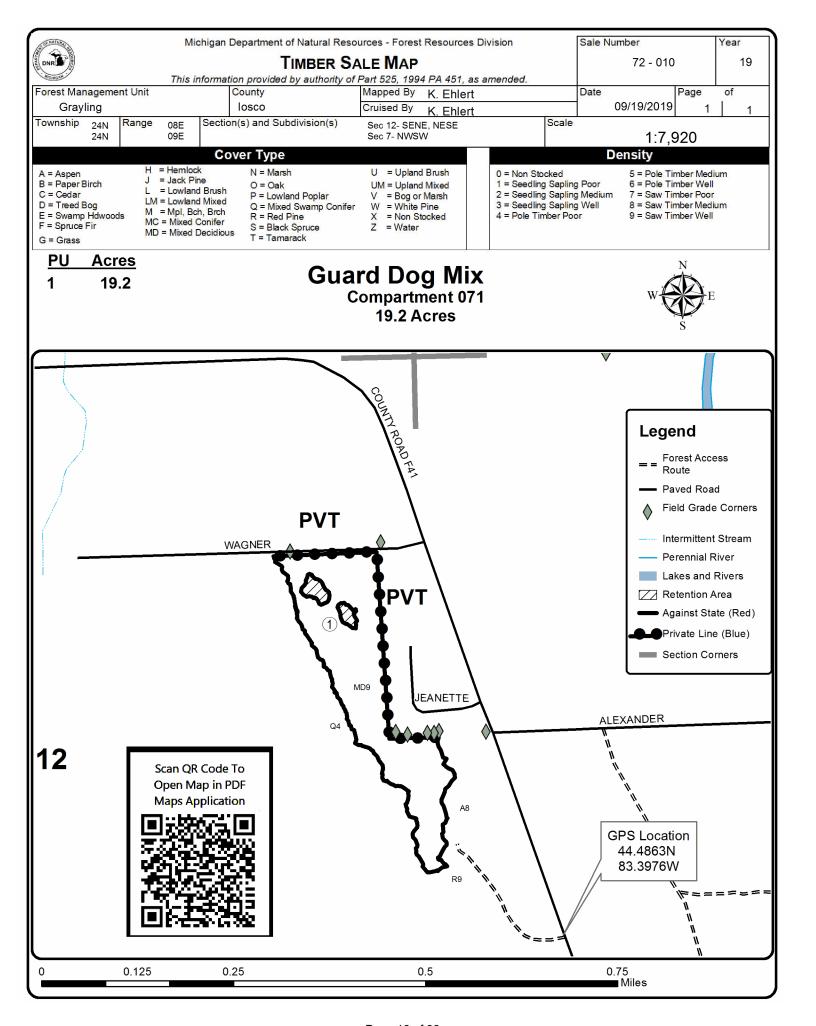
6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on County Road F41 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.

Section Name: Sale Specific Current as of 1/14/2020 3:45:20PM



TIMBER SALE INFORMATION

Space Dog RP (72-025-19)

T28N, R04W, SEC. 14; T28N, R04W, SEC. 15; T28N, R04W, SEC. 23. Crawford County (Advertised Price \$87,412.80)

SALE NOTE: Payment Units 1 & 2 have direct access to Old 27 (Class A Route).

The Purchaser is responsible for contacting the gas or pipeline company 5 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Shell Western E & P Inc. at 1-616-258-9157.

Purchaser must also obtain permission from the utility company to utilize the power line R.O.W. for operations.

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. Bids must be at or above the following advertised price for each species:

PRODUCTS & SPECIES	ESTIMATED UNITS*		<u>ADV</u>	ERTISED PRICE
Sawtimber				
Red Pine	259.20	MBF	\$	120.00 / MBF
White Spruce	8.50	MBF	\$	56.00 / MBF
Pulpwood				
Mixed Hardwood	17.00	Cords	\$	33.20 / Cord
Quaking Aspen	86.00	Cords	\$	24.40 / Cord
Red Pine	866.00	Cords	\$	56.55 / Cord
Scotch Pine	3.00	Cords	\$	34.40 / Cord
White Spruce	190.00	Cords	\$	21.55 / 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 \$4,371.00 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	37.8%
02	32.7%
03	22.2%
04	7.3%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 03/31/2022.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	110.9	MBF	32.1	\$33,004.05
	Mixed Hardwood	Pulpwood	2.0	Cords		
	Quaking Aspen		16.0	Cords		
	Red Pine		339.0	Cords		
	Scotch Pine		2.0	Cords		
2	Red Pine	Sawtimber	93.3	MBF	27.1	\$28,619.00
	Mixed Hardwood	Pulpwood	1.0	Cords		
	Quaking Aspen		16.0	Cords		
	Red Pine		300.0	Cords		
	Scotch Pine		1.0	Cords		
3	Red Pine	Sawtimber	55.0	MBF	15.8	\$19,436.85
	Red Pine	Pulpwood	227.0	Cords		
4	White Spruce	Sawtimber	8.5	MBF	11.7	\$6,352.90
	Mixed Hardwood	Pulpwood	14.0	Cords		
	Quaking Aspen		54.0	Cords		
	White Spruce		190.0	Cords		
		TOTAL:	267.7	MBF		
		TOTAL:	1,162.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Space Dog RP Sale Number: 72-025-19 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, along with a road. Exterior sale boundary lines against state are marked with red paint, with the exception of the west boundary of Payment Units 1 & 2, which is unmarked and identified by Old 27. 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, 2 & 4, cut all trees that are one (1) inches or more at DBH.

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

Within Payment Unit(s) 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 1 & 2 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 Payment Units 1, 2, & 3 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Supplement.

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered

impassable to cars and trucks. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

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

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.

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

The Purchaser is responsible for contacting the gas or pipeline company 5 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Shell Western E & P Inc. at 1-616-258-9157.

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 power line R.O.W. for operations.

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 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.

5.2.3.6 - Bark beetle restriction (12/08)

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

5.2.32 - Decking/landing restoration (9/13)

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

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of powerline without permission of the utility company.

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

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

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

5.4.7 - Rutting restriction, Riparian Management Zone (RMZ) (1/09)

Within the Riparian Management Zone (RMZ), operations are to cease immediately if equipment and weather conditions result in rutting of roads and skid trails which is 6 inches or greater in depth and 25 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. The RMZ width is 150 feet measured horizontally from the ordinary high water mark of Kolka Creek.

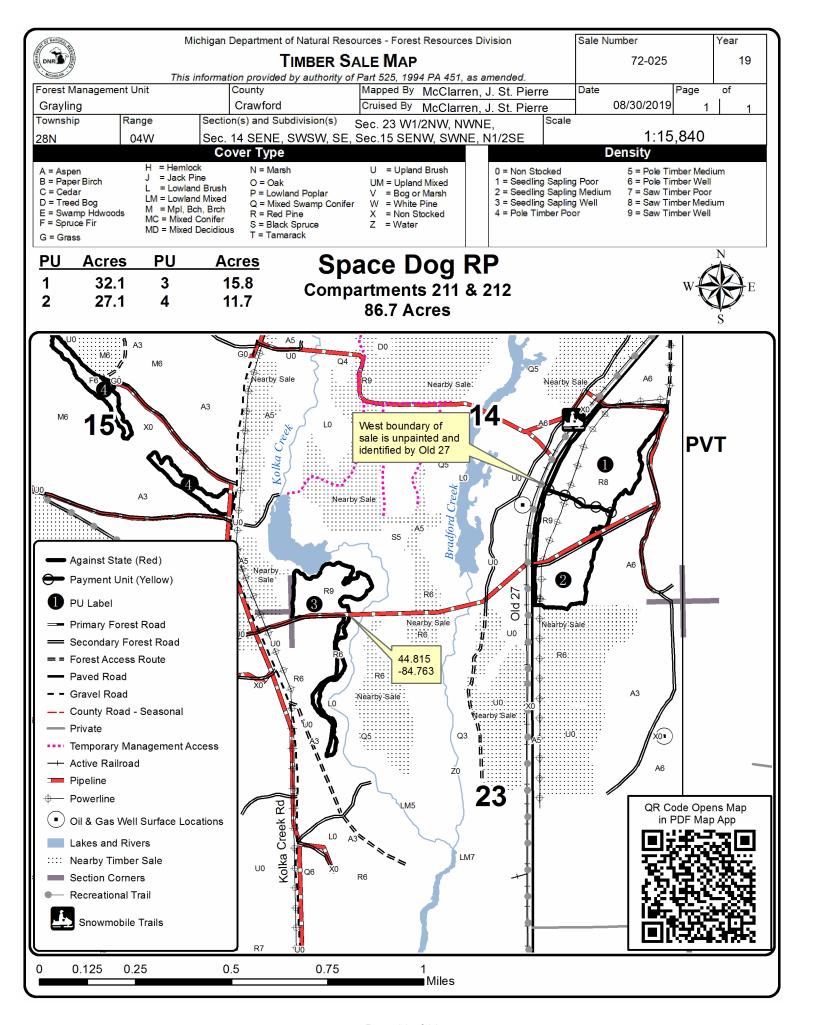
6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Old 27 and Kolka Creek Rd 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.

Section Name: Sale Specific Current as of 1/14/2020 2:20:29PM



TIMBER SALE INFORMATION

Badger Dash (72-638-19)
T28N, R02W, SEC. 22; T28N, R02W, SEC. 23.
Crawford County (Advertised Price \$78,583.65)

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. Bids must be at or above the following advertised price for each species:

PRODUCTS & SPECIES	<u>ESTIMATE</u>	D UNITS*	ADV	ERTISED PRICE
Sawtimber				
BI/R/Hybrid Oak	15.40	MBF	\$	197.00 / MBF
Jack Pine	12.50	MBF	\$	39.00 / MBF
Northern Pin Oak	32.00	MBF	\$	197.00 / MBF
Red Pine	190.30	MBF	\$	120.00 / MBF
White Oak	2.90	MBF	\$	72.00 / MBF
White Pine	1.00	MBF	\$	62.00 / MBF
Pulpwood				
Jack Pine	232.00	Cords	\$	25.95 / Cord
Mixed Aspen	651.00	Cords	\$	24.40 / Cord
Mixed Hardwood	251.00	Cords	\$	33.20 / Cord
Mixed Oak	196.00	Cords	\$	24.90 / Cord
Red Pine	183.00	Cords	\$	56.55 / Cord
White Pine	6.00	Cords	\$	30.75 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 12.65 percent. 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 \$3,929.00 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	47.0%
02	17.1%
03	20.9%
04	12.1%
05	2.9%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 03/31/2023.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine	Sawtimber	2.3	MBF	47.1	\$36,902.90
	Red Pine		142.1	MBF		
	Jack Pine	Pulpwood	121.0	Cords		
	Mixed Aspen		172.0	Cords		
	Mixed Hardwood		110.0	Cords		
	Mixed Oak		23.0	Cords		
	Red Pine		145.0	Cords		
2	Bl/R/Hybrid Oak	Sawtimber	4.2	MBF	25.3	\$13,465.55
	Jack Pine		10.2	MBF		
	Northern Pin Oak		0.9	MBF		
	Red Pine		44.3	MBF		
	Jack Pine	Pulpwood	103.0	Cords		
	Mixed Aspen		40.0	Cords		
	Mixed Hardwood		23.0	Cords		
	Mixed Oak		12.0	Cords		
	Red Pine		36.0	Cords		
3	BI/R/Hybrid Oak	Sawtimber	10.8	MBF	27.7	\$16,444.45
	Northern Pin Oak		17.4	MBF		
	White Oak		2.9	MBF		
	White Pine		1.0	MBF		
	Jack Pine	Pulpwood	7.0	Cords		
	Mixed Aspen		199.0	Cords		
	Mixed Hardwood		86.0	Cords		
	Mixed Oak		107.0	Cords		
	White Pine		2.0	Cords		
4	BI/R/Hybrid Oak	Sawtimber	0.4	MBF	26.9	\$9,475.55
	Northern Pin Oak		11.0	MBF		
	Red Pine		3.9	MBF		
	Jack Pine	Pulpwood	1.0	Cords		
	Mixed Aspen		184.0	Cords		
	Mixed Hardwood		32.0	Cords		
	Mixed Oak		43.0	Cords		
	Red Pine		2.0	Cords		
5	Northern Pin Oak	Sawtimber	2.7	MBF	7.6	\$2,295.20
	Mixed Aspen	Pulpwood	56.0	Cords		
	Mixed Oak		11.0	Cords		
	White Pine		4.0	Cords		
		TOTAL:	254.1	MBF		
		TOTAL:	1,519.0	Cords		

Page 24 of 36

Sale Specific Conditions & Requirements

Sale Name: Badger Dash Sale Number: 72-638-19 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 yellow paint, along with roads. Exterior sale boundary lines against state are marked with red paint, with the exception the boundaries adjacent to KP Truck Trail, County Road 612, a secondary forest road, which are unpainted and identified by the roads (see Timber Sale Map). 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) 1-5, cut all trees that are two (2) inches or more at DBH, except within Payment Unit 3, do not cut any red pine.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

This area must be chip harvested to meet National Guard requirements. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. The chipping requirement could be waived with military approval if market conditions limit the practicality of chipping. A chipping exemption can be obtained if proposed operations are determined to be suitable by military staff. This exemption must be granted in writing. Tops and slash would need to be arranged in a way that would not inhibit military operations, as directed by the sale administrator. The producer may skid all remaining topwood out of these payment units and scatter in locations approved by the sale administrator. If the deadline is not met, damages will be collected determined by the cost to complete this work. 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 the timber sale is on non-certified military lands.

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is in order to facilitate military requirements. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Supplement.

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 otherwise removed from the sale.

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

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

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

5.1.5 - National Guard notification (2/15)

This sale is upon lands utilized for training by the Michigan National Guard - Camp Grayling. A minimum of five (5) business days prior to opening this sale, the producer must request that the sale administrator contact the military for information regarding training plans that may impact sale operations.

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.7 - National Guard training restriction (1/09)

Operations on this contract may not be allowed during National Guard training operations. Typically, the restricted period is from May 1 to October 31. The Purchaser must check with the Unit Manager who will coordinate the cutting schedule with the Military. All harvest equipment and timber products must be removed from the sale area during the period of May 1 to October 31.

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) 3, 4, and 5, leave one, 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These will be evenly scattered throughout the unit. These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

5.2.29 - Shrub protection (9/07)

Do not cut or damage hawthorn, dogwood or juneberry in Payment Units 1, 3, 4, and 5. These woody-shrub plants are highly beneficial to various wildlife species.

5.2.32 - Decking/landing restoration (9/13)

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

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

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

5.4 - 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.

5.5 - Protection of Improvements

5.5.3 - Protection of improvements detail (10/13)

The following are specific protection measures for this sale: No operations may occur in openings associated with military firing points without written permission from the Unit Manger or His/Her representative. These openings are also managed for wildlife.

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 KP Truck Trail and Lonesome Lake Rd 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.

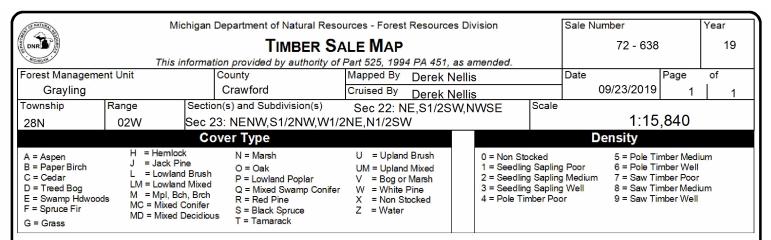
7 - Other Conditions

7.10 - Certified Timber

7.10.1 - Non-certified timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed for military training.

Section Name: Sale Specific Current as of 1/14/2020 2:54:07PM



Badger Dash

Compartment 266 134.6 Acres

PU	Acres
1	47.1
2	25.3
3	27.7
4	26.9
5	7.6

Legend

Secondary Forest Road —— Against State (Red) Forest Access Route Paved Road Gravel Road - County Road - Seasonal Private Lakes and Rivers

Retention Area **Nearby Timber Sales**

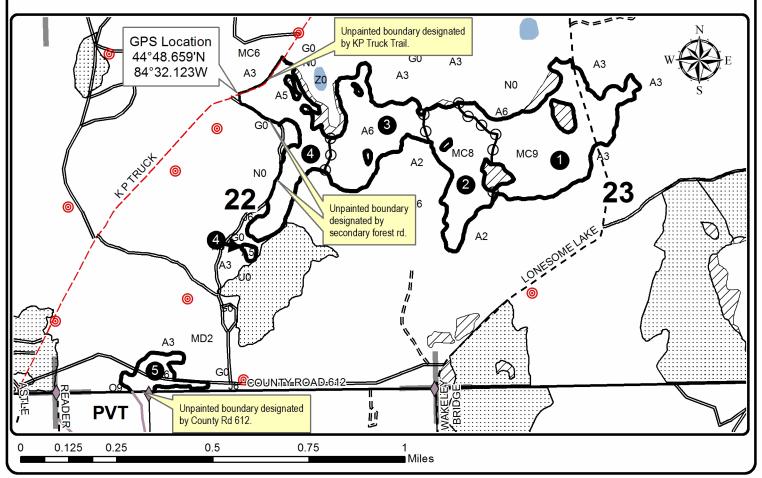
Payment Unit (Yellow) **Section Corners**

PU_Label

Field Grade Corners

Camp Grayling Firing Point





FEDERAL ID:

BID FORM

GRAYLING MANAGEMENT UNIT GRAYLING OFFICE

Space Dog RP (72-025-19)

T28N, R04W, SEC. 14; T28N, R04W, SEC. 15; T28N, R04W, SEC. 23; Crawford

In response to the notice of sale to be held 9:00 a.m. (local time) on February 4, 2020, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	<u>VERTISED PRICE</u>	BID PRICE/UNIT
Sawtimber					
Red Pine	259.20	MBF	\$	120.00/MBF	\$
White Spruce	8.50	MBF	\$	56.00/MBF	\$
Pulpwood					
Mixed Hardwood	17.00	Cords	\$	33.20/Cord	\$
Quaking Aspen	86.00	Cords	\$	24.40/Cord	\$
Red Pine	866.00	Cords	\$	56.55/Cord	\$
Scotch Pine	3.00	Cords	\$	34.40/Cord	\$
White Spruce	190.00	Cords	\$	21.55/Cord	\$

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.

	Company or individual	bidding:			
	Company representati	ve's name:			
	Address:				
	City:	State:	Zip:		
IF AVAILA	ABLE, PLEASE PLACE	THE PERSONALIZED LABEL F	ROM YOUR PROSPE	ECTUS IN THE ABOVE BOX.	
Individual	l or company representa	tive's signature :		Date:	
Phone nu	ımber :	E	mail (optional):		

or SOCIAL SECURITY NUMBER:

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

^{*}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.



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.	, and			
VE	RIFICATION OF WORKER'S DISABILITY COMPENSA	ATION 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 writte	en signatures.			
Ple	ease Check Appropriate Categories:				
1.	My business is organized as (you must check <u>one</u> of the A. ☐ Sole Proprietorship (individual) B. ☐ Partnership C. ☐ Corporation	ne boxes below):			
2.	Exclusion (BWC-337, Rev. 5/96). I will provide a copy questions or a copy of the BWC-337, please call the W	Worker's Compensation Act through the use of an approved Notice of of the Notice of Exclusion within 21 days of the contract award. (For			
3.	If you have checked item 2(A) or 2(B), you must indication than yourself, including family members and active part	cate the number of both full-time and part-time employees, other tners (if none, you must enter "0").			
	Full-time Employees	Part-time Employees			
Nam	ne of Business	Federal ID (or) Social Security No.			
Addı	ress	Telephone ()			
City	State	ZIP			
	ereby certify that the above information is true and correctant and correctant and correctant and correctant and correctant and correctant and correct	ct. I agree to notify the Michigan DNR of any changes that occur and future operations.			

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

Date

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

BID FORM

GRAYLING MANAGEMENT UNIT GRAYLING OFFICE

Badger Dash (72-638-19)

T28N, R02W, SEC. 22; T28N, R02W, SEC. 23; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on February 4, 2020, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	ESTIMATED	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Sawtimber					
Bl/R/Hybrid Oak	15.40	MBF	\$	197.00/MBF	\$
Jack Pine	12.50	MBF	\$	39.00/MBF	\$
Northern Pin Oak	32.00	MBF	\$	197.00/MBF	\$
Red Pine	190.30	MBF	\$	120.00/MBF	\$
White Oak	2.90	MBF	\$	72.00/MBF	\$
White Pine	1.00	MBF	\$	62.00/MBF	\$
Pulpwood					
Jack Pine	232.00	Cords	\$	25.95/Cord	\$
Mixed Aspen	651.00	Cords	\$	24.40/Cord	\$
Mixed Hardwood	251.00	Cords	\$	33.20/Cord	\$
Mixed Oak	196.00	Cords	\$	24.90/Cord	\$
Red Pine	183.00	Cords	\$	56.55/Cord	\$
White Pine	6.00	Cords	\$	30.75/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 12.65 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: ___-_ _ or SOCIAL SECURITY NUMBER: ___ -__ - __ - __ - ___

	Company or individual bidding:				
	Company representative's name:				
	Address:				
	City:	State:	Zip:		
F AVAILA	ABLE, PLEASE PLACE THE PERSO	NALIZED LABEL FROM	I YOUR PROSPECTUS IN T	HE ABOVE BOX.	
ndividual	or company representative's signatu	ıre:		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.

•	 In addition, if boxes 2B or 2C are checked, then Notice of E twenty-one (21) days of the contract award and prior to the is: 	exclusion or Certificate of Insurance must be submitted within suance of the timber sale contract.		
•	All Information must be typed or printed except for written signatures.			
Ple	Please Check Appropriate Categories:			
1.	 My business is organized as (you must check one of the both A. Sole Proprietorship (individual) Partnership Corporation 	oxes below):		
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 e Worker's Compensation Laws.	mployees but the sole proprietor. I am not subject to the		
	B. I certify my business has satisfied its o bligation to the Work	e Notice of Exclusion within 21 days of the contract award. (For		
	C. I certify my business has a Worker's Compensation Policy. one (21) days of the contract award.	I will provide an original Certificate of Insurance within twenty-		
3.	 If you have checked item 2(A) or 2(B), you must indicate than yourself, including family members and active partners 	the number of both full-time and part-time employees, other is (if none, you must enter "0").		
	Full-time Employees	Part-time Employees		
Nam	Name of Business	Federal ID (or) Social Security No.		
Add	Address -	Telephone ()		
City	City State 2	ZIP		
in fa _	hereby certify that the above information is true and correct. In factors affecting my coverage during any of my present and fu			
S	Signature of Owner or Authorized Representative			
T	Title	Date		

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

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

BID FORM

GRAYLING MANAGEMENT UNIT GRAYLING OFFICE

C196 Contract RP (72-004-19)

T25N, R04W, SEC. 23; T25N, R04W, SEC. 26; T25N, R04W, SEC. 27; Crawford

In response to the notice of sale to be held 9:00 a.m. (local time) on February 4, 2020, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	ESTIMATED	VOLUME*	AD	VERTISED PRICE	BID PRICE/UNIT
Red Maple	12.30	MBF	\$	66.00/MBF	\$
Red Pine	1,079.10	MBF	\$	120.00/MBF	\$
Pulpwood					
Balsam Fir	4.00	Cords	\$	19.85/Cord	\$
Jack Pine	100.00	Cords	\$	25.95/Cord	\$
Mixed Aspen	97.00	Cords	\$	24.40/Cord	\$
Mixed Hardwood	144.00	Cords	\$	33.20/Cord	\$
Mixed Oak	75.00	Cords	\$	24.90/Cord	\$
Paper Birch	11.00	Cords	\$	11.75/Cord	\$
Red Pine	880.00	Cords	\$	56.55/Cord	\$
Scotch Pine	217.00	Cords	\$	34.40/Cord	\$
White Pine	46.00	Cords	\$	30.75/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 12.44 percent. 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	k:	
	Company or individual b	idding:			
	Company representative	s's name:			
	Address:				
	City:	State:	Zip:		
F AVAILA	ABLE, PLEASE PLACE TI	HE PERSONALIZED LABEL	FROM YOUR PROSPE	ECTUS IN THE ABOVE BOX.	_
Individual	or company representati	ve's signature :		Date:	
Phone nu	ımber :	E	Email (optional):		

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



Michigan Department of Natural Resources Forest Resources Division

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

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

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

•	In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.				
•	All Information must be typed or printed except for written signatures.				
Ple	Please Check Appropriate Categories:				
1.	My business is organized as (you must check <u>one</u> of A. ☐ Sole Proprietorship (individual) B. ☐ Partnership C. ☐ Corporation	the boxes below):			
2.	You must check one of the boxes below:	You must check <u>one</u> 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 F one (21) days of the contract award.	Policy. I will provide an original Certificate of Insurance within twenty-			
3.	If you have checked item 2(A) or 2(B), you must ind than yourself, including family members and active pa	dicate the number of both full-time and part-time employees, other artners (if none, you must enter "0").			
	Full-time Employees	Part-time Employees			
Nam	me of Business	Federal ID (or) Social Security No.			
Add	dress	Telephone ()			
City	y State	ZIP			
in fa _	factors affecting my coverage during any of my present	ect. I agree to notify the Michigan DNR of any changes that occur and future operations.			
S	Signature of Owner or Authorized Representative				
Ī	Title	Date			

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

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

BID FORM

GRAYLING MANAGEMENT UNIT GRAYLING OFFICE

Guard Dog Mix (72-010-19)

T24N, R08E, SEC. 12; T24N, R09E, SEC. 7; Iosco COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on February 4, 2020, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	ESTIMATED	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Sawtimber					
B. T. Aspen	19.40	MBF	\$	70.00/MBF	\$
Mixed Oak	86.40	MBF	\$	197.00/MBF	\$
Red Maple	46.00	MBF	\$	66.00/MBF	\$
Pulpwood					
B. T. Aspen	50.00	Cords	\$	24.40/Cord	\$
Balsam Fir	8.00	Cords	\$	19.85/Cord	\$
Jack Pine	3.00	Cords	\$	25.95/Cord	\$
Mixed Hardwood	134.00	Cords	\$	33.20/Cord	\$
Mixed Oak	94.00	Cords	\$	24.90/Cord	\$
Paper Birch	9.00	Cords	\$	11.75/Cord	\$
White Pine	16.00	Cords	\$	30.75/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 19.15 percent. 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:	 _
Company or individua	ıl bidding:		
Company representat	ive's name:		
Address:			
/ tadi 000			
City:	State:	Zip:	
City:	State:State:	<u> </u>	
City:		FROM YOUR PROSPE	

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



Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

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

Please Check Appropriate Categories:

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

1.	My business is organized as (you must A. □ Sole Proprietorship (individual) B. □ Partnership C. □ Corporation	check <u>one</u> of th	e boxes below):		
2.	You must check <u>one</u> of the boxes below:				
	A. I certify my business is a sole propriete Worker's Compensation Laws.	no employees but the sole proprietor. I am not subject to the			
	Exclusion (BWC-337, Rev. 5/96). I wi	Vorker's Compensation Act through the use of an approved Notice of of the Notice of Exclusion within 21 days of the contract award. (For orker's Compensation Bureau at 517-322-1195).			
C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.					
3.	If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").				
	Full-time En	nployees	Part-time Employees		
Name of Business			Federal ID (or) Social Security No.		
Address			Telephone ()		
City		State	ZIP		
I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations. Signature of Owner or Authorized Representative					
T	itle		 Date		

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

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