



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6722

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on September 17, 2020.**

LOCATION: **BARAGA MGMT UNIT, 427 US 41 NORTH, BARAGA, MI 49908.**

CONTACT NAME: Brad Carlson

PHONE NUMBER: (906) 353-6651

PROSPECTUS NOTE: It is recommended that for the duration of the "Stay Home, Stay Safe" executive order that bidders submit their bids through the Online Bidding System (<https://www2.dnr.state.mi.us/VMSOnlineBidding/>). If you need to register, contact Jake Reid (ReidJ6@michigan.gov, 517-284-5908) or Donovan Asselin (AsselinD@michigan.gov, 517-930-1326). Paper bids will still be accepted during this time, either dropped in the bid box at the bid location or by mailing. If mailing, please allow for additional time.

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

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

Rocky Road 2 Mix (11-007-20) / T47N, R34W, SEC. 14, E1/2NW,NE,NESW.

T47N, R34W, SEC. 15, SW,N1/2SE,SWSE.

Baraga County, Advertised Price \$36,534.00, 174.1 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Access may be through private land.

TIMBER SALE INFORMATION

Rocky Road 2 Mix (11-007-20)

T47N, R34W, SEC. 14; T47N, R34W, SEC. 15.

Baraga County (Advertised Price \$36,534.00)

SALE NOTE: Access may be through private land.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price.

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
Black Cherry	9.40	MBF	\$ 70.00 / MBF
Paper Birch	2.70	MBF	\$ 24.00 / MBF
Red Maple	21.00	MBF	\$ 116.00 / MBF
Sugar Maple	101.40	MBF	\$ 193.00 / MBF
Yellow Birch	2.10	MBF	\$ 95.00 / MBF
Pulpwood			
Balsam Fir	176.00	Cords	\$ 3.75 / Cord
Mixed Aspen	245.00	Cords	\$ 12.40 / Cord
Mixed Hardwood	840.00	Cords	\$ 7.20 / Cord
Mixed Spruce	417.00	Cords	\$ 6.45 / Cord
Paper Birch	57.00	Cords	\$ 10.65 / Cord
Tamarack	84.00	Cords	\$ 6.70 / Cord

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$3,500.00 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.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2024.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	16.0	Cords	13.2	\$1,495.55
	Mixed Hardwood		8.0	Cords		
	Mixed Spruce		156.0	Cords		
	Paper Birch		11.0	Cords		
	Tamarack		38.0	Cords		
2	Black Cherry	Sawtimber	9.4	MBF	60.6	\$26,176.95
	Red Maple		17.7	MBF		
	Sugar Maple		100.4	MBF		
	Yellow Birch		2.1	MBF		
	Balsam Fir	Pulpwood	13.0	Cords		
	Mixed Hardwood		528.0	Cords		
	Mixed Spruce		6.0	Cords		
3	Paper Birch	Sawtimber	1.5	MBF	52.5	\$4,538.05
	Red Maple		1.9	MBF		
	Sugar Maple		0.6	MBF		
	Balsam Fir	Pulpwood	82.0	Cords		
	Mixed Aspen		124.0	Cords		
	Mixed Hardwood		171.0	Cords		
	Mixed Spruce		118.0	Cords		
	Paper Birch		17.0	Cords		
	Tamarack		22.0	Cords		
4	Paper Birch	Sawtimber	1.2	MBF	47.8	\$4,323.45
	Red Maple		1.4	MBF		
	Sugar Maple		0.4	MBF		
	Balsam Fir	Pulpwood	65.0	Cords		
	Mixed Aspen		121.0	Cords		
	Mixed Hardwood		133.0	Cords		
	Mixed Spruce		137.0	Cords		
	Paper Birch		29.0	Cords		
	Tamarack		24.0	Cords		
TOTAL:			136.6	MBF		
TOTAL:			1,819.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Rocky Road 2 Mix

Sale Number: 11-007-20 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue 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. Interior Payment Unit boundaries are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Red 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

2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1, 3 and 4, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any cedar, elm, hemlock, oak, red pine or white pine. In addition, do not cut yellow birch, twenty (20) inches or more at DBH.

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

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

2.2 - Utilization

2.2.1 - Utilization (2/04)

All listed board foot volumes of sawlog size products in this contract have been determined using a top diameter inside bark of eight (8) inches.

2.2.4 - Skidding length (2/14)

Skidding of un-limbed tops or lengths of over twenty six (26) feet will not be permitted, unless approved by the Unit Manager or their representative.

2.2.7 - Uncut designated trees (2/04)

Liquidated damages of \$10.00 per tree will be assessed for every marked tree not cut.

2.2.8 - Utilization and removal (5/14)

All products meeting standards set forth in General Condition and Requirement 2.2 - Utilization must be removed from the sale area. All products not meeting standards set forth in General Condition and Requirement 2.2 - Utilization may not be removed from the sale area, e.g. tops. Chips are considered a product and may not be stockpiled on site. This is because chip piles inhibit regeneration.

2.2.11 - Chipping restriction (9/14)

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

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

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

No damage is acceptable to undesignated live merchantable trees. Within the sale area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will

be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.1 - Stream crossings, general (3/11)

All stream crossing structures will be temporary and therefore, shall be provided by the Purchaser, and must be removed upon completion of the sale. All permits for stream crossings will be provided by the DNR for crossings on State Forest Land. Notify the DNR at least 90 days prior to work commencing on crossing(s) which require a permit from EGLE.

4.1.3 - Slash and earthen piles (8/04)

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

4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage at natural drainage-ways. If culverts are needed in these locations, their placement will be as specified by the sale administrator. These culverts shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of twelve (12) inches in diameter and twenty four (24) feet in length. If culverts are removed, fill shall be removed from wetland soils as specified by the sale administrator. Soils shall be left in a non-erodible condition, with water bars, seed, fertilizer, mulch and slash installed as directed by the sale administrator and as specified in the BMP manual. Stream crossing permits, if needed, shall be obtained by the DNR for crossings on State Forest Land. Notify the DNR 90 days prior to commencing work on crossing(s) which require an EGLE permit.

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, 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. Some existing roads may also need to be closed, see the Timber Sale Map for locations. These roads must be rendered impassable to cars and trucks. In general, this will require constructing double earthen berms at strategic locations. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps shall be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for details of design and placement.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. The sale administrator reserves the right to halt harvest activities, if haul roads are not properly filled and shaped to their specification.

4.2.4 - Grading (10/16)

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

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private landowner may be required by the DNR.

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 operation, to determine landing and road locations. The Unit Manager or their representative must be contacted at least 10 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

5.2.1.1 - 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 10 feet back from the red 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.

5.2.1.11 - Slash for reforestation (5/07)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 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.

5.2.30 - Landing/road top soil protection (2/15)

Top soil on new landings and new roads must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation. In addition, the area may need to be seeded and mulched per instruction of the sale administrator.

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 either be removed or scattered away from landing and loading areas, and may not be wind-rowed on the edges of said areas.

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 twelve (12) inches or greater in depth and fifty (50) feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.8 - Protection of Endangered Species

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

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

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

5.8.5 - Protection of raptor nests (3/13)

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



TIMBER SALE MAP

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

Sale Number

11 - 007

Year

20

Forest Management Unit
BaragaCounty
BaragaMapped By
Ryan Mattila

Date

4/1/2020

Page

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of
1

Township

47N

Range

34W

Section(s) and Subdivision(s)

Sec. 14: E1/2NW, NE, NESW Sec. 15: SW, N1/2SE, SWSE

Scale

1:15,840

Cover Type

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

Density

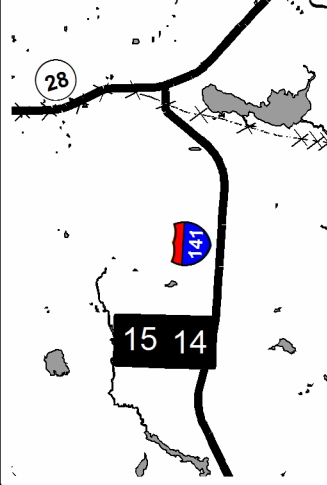
0 = Non Stocked
1 = Seedling Sapling Poor
2 = Seedling Sapling Medium
3 = Seedling Sapling Well
4 = Pole Timber Poor
5 = Pole Timber Medium
6 = Pole Timber Well
7 = Saw Timber Poor
8 = Saw Timber Medium
9 = Saw Timber Well

Legend

- Against State (Red)
- Payment Unit (Red)
- Private Line (Blue)
- ... Temporary Management Access
- Highway
- Primary Forest Road
- Secondary Forest Road
- == Forest Access Route
- Paved Road
- - Gravel Road
- - County Road - Seasonal
- Private
- ◆ Survey Corners
- Highway
- Perennial River

Locator Map

1:250,000



Rocky Road 2

174.1 Acres

Baraga County, Compartment 28

UNIT	1	2	3	4	TOTALS
ACRES	13.2	60.6	52.5	47.8	174.1
Sawlogs MBF					
Black Cherry	0.0	9.4	0.0	0.0	9.4
Paper Birch	0.0	0.0	1.5	1.2	2.7
Red Maple	0.0	17.7	1.9	1.4	21.0
Sugar Maple	0.0	100.4	0.6	0.4	101.4
Yellow Birch	0.0	2.1	0.0	0.0	2.1
TOTAL	0.0	129.6	4.0	3.0	136.6
Pulpwood Cords					
Balsam Fir	16	13	82	65	176
Mixed Aspen	0	0	124	121	245
Mixed Hardwood	8	528	171	133	840
Mixed Spruce	156	6	118	137	417
Paper Birch	11	0	17	29	57
Tamarack	38	0	22	24	84
TOTAL	229	547	534	509	1819

