



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6636**

SCHEDULED SALE DATE AND TIME: **10:00 a.m. (local time) on January 14, 2020.**

LOCATION: **ATLANTA MGMT UNIT, 13501 M 33, ATLANTA, MI 49709.**

CONTACT NAME: Cody Stevens

PHONE NUMBER: (989) 785-4251

PROSPECTUS NOTE: 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, ATLANTA MANAGEMENT UNIT, for certain timber on the following described lands:

I C U Frogman Aspen (54-021-18) / T31N, R05E, SEC. 16, SWSW.

T31N, R05E, SEC. 17, E1/2SW,S1/2SE.

Alpena County, Advertised Price \$19,683.80, 43.0 Acres, Aspen, Hardwood.

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

## TIMBER SALE INFORMATION

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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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	11.80 MBF	\$ 40.00 / MBF
Mixed Aspen	8.50 MBF	\$ 54.00 / MBF
Red Maple	43.90 MBF	\$ 80.00 / MBF
Red Oak	3.00 MBF	\$ 125.00 / MBF
Pulpwood		
Balsam Fir	49.00 Cords	\$ 15.75 / Cord
Basswood	17.00 Cords	\$ 5.20 / Cord
Mixed Aspen	582.00 Cords	\$ 15.75 / Cord
Paper Birch	76.00 Cords	\$ 12.60 / Cord
Red Maple	243.00 Cords	\$ 13.70 / Cord
Red Oak	9.00 Cords	\$ 18.90 / Cord
White Pine	5.00 Cords	\$ 15.75 / Cord
White Spruce	24.00 Cords	\$ 12.65 / Cord

### **BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$1,968.38 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 12/31/2022.

**Description of Timber by Payment Unit (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Mixed Aspen	Sawtimber	8.5	MBF	25.3	\$10,327.80	
	B. T. Aspen		4.1	MBF			
	Quaking Aspen		4.4	MBF			
	Red Maple	Pulpwood	18.4	MBF			
	Balsam Fir		9.0	Cords			
	Mixed Aspen		399.0	Cords			
	Paper Birch		44.0	Cords			
	Red Maple		96.0	Cords			
	White Spruce		8.0	Cords			
2	Basswood	Sawtimber	11.8	MBF	17.7	\$9,356.00	
	Red Maple		25.5	MBF			
	Red Oak		3.0	MBF			
	Balsam Fir		40.0	Cords			
	Basswood		17.0	Cords			
	Mixed Aspen		183.0	Cords			
	Paper Birch		32.0	Cords			
	Red Maple		147.0	Cords			
	Red Oak		9.0	Cords			
	White Pine		5.0	Cords			
	White Spruce		16.0	Cords			
TOTAL:			67.2	MBF			
TOTAL:			1,005.0	Cords			

## **Sale Specific Conditions & Requirements**

**Sale Name: I C U Frogman Aspen**

**Sale Number: 54-021-18 Seq#: 2**

### **1 - Sale Area**

#### **1.2 - Boundaries**

##### **1.2.1 - Painted boundaries (1/14)**

The sale boundaries are marked and identified by red and blue paint. Exterior sale boundary lines against state are marked with red paint. Exterior sale boundary lines against private are marked with blue paint. The painted boundary line trees are not Included Timber and are to be protected.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

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

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more at DBH, except do not cut any cedar. In addition, do not cut red pine within Payment Unit 1.

### **3 - Payments**

#### **3.4 - Damaged Timber**

##### **3.4.1 - Damaged timber (6/14)**

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 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**

##### **4.1.2 - Stream crossings, specific (3/11)**

There is an intermittent stream in Payment Unit 2, as shown on the Timber Sale Map. Crossing this stream will not be permitted, unless approved by the sale administrator. The Payment Unit is accessible on both sides using the snowmobile trail.

If approved, all temporary stream crossing structures will be provided by the Purchaser and removed upon completion of the sale. All permits for stream crossings will be provided by the DNR.

##### **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 or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the sale administrator and they shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 12 inches in diameter and 24 feet in length. Permanent culverts on upland sites should be no less than 18 inches in diameter. Stream crossing(s) (intermittent or perennial) culvert(s) must be removed upon completion of the sale. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and 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.

##### **4.1.6 - Road construction (1/09)**

Construction of new roads or improvements of existing roads must have the prior approval of the Unit Manager or his/her representative before work can start and 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 within 30 days of completion of hauling. Overgrown or temporary management access 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. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. Contact the sale administrator for specific details of design and placement.

#### 4.1.8 - Road work (1) (8/07)

The following road work is required for using access off Eagling Rd, if not already done: Three (3) to four (4) culverts will need to be placed along the stretch of forest trail that runs from the west end of Eagling Road south to the railroad grade. These culverts will need to be placed in accordance with the "State of Michigan Forestry Best Management Practices for Soil and Water Quality IC4011 (Revision 6-1-2018)" guidelines. Road fill material to be used will be specified by the Sale Administrator or Unit Manager at the time that the roadwork is being done, and will be based on the condition of this forest trail. Installed culverts must be removed upon completion of the sale. Access off Eagling Rd must be closed using boulders once hauling is complete.

The following road work is required for using private access off McConnaughey road, if not already done: Crowning, ditching, and filling to improve road integrity where appropriate. Road fill material to be used will be specified by the Sale Administrator or Unit Manager at the time that the road work is being done, and will be based on the condition of this forest trail. If needed and where appropriate, place culverts along stretches of the temporary management access in accordance with the "State of Michigan Forestry Best Management Practices for Soil and Water Quality IC4011 (Revision 6-1-2018)" guidelines. Installed culverts, for any temporary and/or intermittent stream crossings, must be removed upon completion of the sale. Access off McConnaughey entering state land must be closed using berms, stumps, and/or boulders once hauling is complete.

### 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. This fill material, especially along the railroad grade/snowmobile trail, must be crushed rock or cobble, and may not contain clay or organic material.

#### 4.2.5 - Two wheel drive condition (2/04)

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

### 4.4 - Access

#### 4.4.1 - Private property access (3/11)

Permission for access across private land off McConnaughey Road is the responsibility of the Purchaser. A copy of the written permission from the private landowner must be given to the Unit Manager at least 7 days prior to the beginning of operations.

#### 4.4.3 - Access gate (12/08)

The access gate must be locked at the completion of each day unless otherwise approved by the Unit Manager or his/her representative. The access gate is located near the west end of Eagling Road to the south on a forest road. Contact the Unit Manager or his/her representative for the access key.

## 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 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.

#### 5.1.6 - Utility R.O.W. (1/15)

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

#### 5.2.2 - 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 and 2, unless changed by written agreement, cutting, skidding/forwarding, and hauling are limited to the period of June 15 to November 1 (applies to access using Eagle Rd) or June 15 to April 1 (applies to access using McConnaughey Rd). This restriction is in place because of the presence of a snowmobile trail and low ground conditions.

##### 5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 1 and 2, and using access from McConnaughey Rd, unless approved by the Unit Manager, skidding and hauling is not permitted from 5:00 PM Friday evening through 6:00 AM Monday morning during the period of December 1 to April 1. This restriction is due to the necessity of using the snowmobile trail for skidding/forwarding and hauling wood from the sale.

##### 5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs (within 30 days of severing cut stem(s)). If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

#### 5.2.4 - Dead and Down Creation

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

To encourage grouse and other wildlife, in Payment Unit(s) 1 and 2, leave one, 12" diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres. This can be an unmerchantable piece or a full tree. These trees or log pieces will be evenly scattered throughout the unit.

#### 5.2.31 - Landing locations (9/13)

Landing areas are marked on the Timber Sale Map with the letter "L". Landings must be confined to these designated sites unless otherwise authorized by 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.

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

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

#### 5.2.41 - Snowmobile trail protection (9/11)

Snowmobile Trail 4 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 road is to be used for hauling and/or skidding/forwarding during the snowmobile season (only allowed using McConnaughey Rd access), then a snow covered base must be left on the trail. The snowmobile trail may not be used for any timber sale operations on weekends during the period of December 1 to March 1, unless approved by the Unit Manager or his/her representative. Any rutting or holes created during the sale operations must be repaired using crushed limestone/gravel that is pre-approved by the sale administrator or Unit Manager. After the trail is used for hauling or skidding/forwarding, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. 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 within 50 ft of the snowmobile trail during the snowmobile season. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

#### 5.4 - Soil Protection

##### 5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid/forwarding 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)

Existing and newly installed culverts must be functional from the start of crossing use to the end of the sale contract. If any culvert is determined significantly damaged and/or non-functional it must be repaired or replaced according to sale condition 4.1.5 and/or current BMP manual.

#### 5.8 - Protection of Endangered Species

##### 5.8.5 - Protection of raptor nests (3/13)

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

### 6 - Safety and Fire Prevention

#### 6.2 - Signing

##### 6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on the Alpena to Hillman forest road / Snowmobile Trail 4 prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

**TIMBER SALE MAP**

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

Sale Number	Year
54 - 021	18

Forest Management Unit Atlanta Management Unit	County Alpena	Mapped By D. Coy	Date 07/02/2018	Page 1	of 1
Township 31N	Range 05E	Section(s) and Subdivision(s) 16- SWSW 17- E2SW & S2SE	Scale 1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

**PU Acres**

1	25.3
2	17.7

**I C U Frogman Aspen****Compartment 97****43.0 Acres**