



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #4927

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on May 23, 2013.

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

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, BARAGA MANAGEMENT UNIT, for certain timber on the following described lands:

SPOOKY HILLS (11-013-13-01) / T50N, R34W, SEC. 28, NWNW,S1/2 N1/2, N1/2 S1/2.

Baraga County, Advertised Price \$192,037.32, 123.0 Acres

SALE NOTE: Harvest operations are limited to a period from April 1st to November 31st. This is due to Menge Creek Road and Baraga Plains Road being snowmobile trails.

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 state forest land.

NORWICH ASH (11-031-13-01) / T51N, R40W, SEC. 26, E1/2SW.

T51N, R40W, SEC. 35, NW1/4.

Ontonagon County, Advertised Price \$36,403.60, 138.0 Acres

SALE NOTE: No designated recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Access may be through private, other public, or state forest land.

BID INSTRUCTIONS (VER. 03/08/2013):

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

Bids must be received by the Unit Manager, BARAGA OFFICE, 427 US 41 NORTH, BARAGA, MI 49908, no later than 9:00 a.m. (local time) on May 23, 2013. For further information concerning this sale, contact Don Mankee at 906-353-6651.

2. Bidder's Qualifications (2/12)

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, that 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 (1/11)

Bids shall be manually signed in ink; 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 forms, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (6/11)

Bid forms may be obtained from the Unit Manager. All 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.

5. Public Opening of Sealed Bids (1/11)

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

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 (10/12)

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 1 year. 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 termination date.

10. Disclaimer of Estimates and Bidder's Warranty of Inspection (1/11)

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 (3/13)

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-S1. 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.

KEITH CREAGH

Director

TIMBER SALE INFORMATION

SPOOKY HILLS (11-013-13-01)

T50N, R34W, SEC. 28.

Baraga County (Advertised Price \$192,037.32)

SALE NOTE: Harvest operations are limited to a period from April 1st to November 31st. This is due to Menge Creek Road and Baraga Plains Road being snowmobile trails.

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 state forest 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>
Sawlogs		
Paper Birch	29.70 MBF	\$ 66.00 / MBF
Sugar Maple	459.20 MBF	\$ 355.00 / MBF
Pulpwood		
Mixed Hardwood	231.20 Cords	\$ 18.00 / Cord
Paper Birch	521.80 Cords	\$ 16.10 / Cord
Q. Aspen	711.70 Cords	\$ 16.55 / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$2,719.91:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawlogs		
Red Maple	8.20 MBF	\$ 121.00 / MBF
Yellow Birch	1.00 MBF	\$ 344.00 / MBF
Pulpwood		
Mixed Softwood	95.10 Cords	\$ 14.55 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 10.47 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 **\$4,200.00** 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	35%
02	41%
03	17%
04	7%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2016.

Sale Specific Conditions & Requirements

Sale Name: Spooky Hills Sale Number: 11-013-13-01

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (12/08)

The sale boundary is marked and identified by blue and red paint and pink flagging. Exterior sale boundary lines against state are marked with red and blue paint as illustrated on the sale map. Interior payment unit boundaries are marked with red paint. In payment Unit 1, do not cut any painted boundary line trees unless they are also marked with orange paint. Some red painted trees designating the interior payment Unit 1 boundary are also marked with orange paint. Such trees are only to be cut when all adjacent payment units (1,2,3) have been paid in full. Interior payment unit boundary lines common to payment Units 1,2, and 3,4(along the gas line) may be cut when both adjacent units have been paid in full.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (8/11)

Within Payment Unit(s) 2, 3 and 4, cut all trees that are 4.6 inches or more in diameter measured at a point four and one-half (4-1/2) feet above ground level regardless of merchantability except Cedar, Red Oak, Hemlock, White Pine and Red Pine.

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

Within Payment Unit(s) 1, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.1.11 - Description of timber note (2/04)

Note that any volume adjustments will not be made.

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 8 inches.

2.2.4 - Skidding length (2/11)

Skidding of unlimbed tops or skidding of tree lengths greater than 26 feet is not permissible in unit 1.

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 (2/11)

All products meeting standards set forth in 2.2 Utilization must be removed from the sale area. Chips are considered a product and cannot be piled on site. No tops will be left outside the sale area.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (6/05)

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. Damage to residual trees (defined as breaking of the cambium layer, broken tops or bending of trees from their natural position) is not acceptable.

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.

3.4.2 - Special Protection Trees (8/11)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are red oak, white pine, red pine, hemlock and cedar. The Purchaser shall protect special protection trees from damage by the

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

4 - Transportation

4.1 - Construction

4.1.1 - 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 land.

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 (9/11)

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. 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. Stream crossing permits, if needed, will be obtained by the DNR for on state land.

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, and may be chipped and utilized. 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 double four (4') foot high berm of stumps and logs covered with earth. Contact the sale administrator for specific 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 his/her specifications.

4.2.4 - Grading (12/08)

Roads must be graded after the sale is completed. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/11)

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 10 days in advance to schedule the conference.

5.1.3 - Well heads and natural gas pipelines (7/07)

The Purchaser is responsible for contacting the pipeline company prior to operating equipment in the vicinity of well heads or natural gas pipelines. Great Lakes Gas Transmission Company 1-800-573-0640.

5.1.4 - Post-sale conference (6/11)

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

5.2.1.2 - Slash Removal

5.2.1.2.1 - Slash removal, right-of-way (12/04)

All slash must be removed at least 10 feet from the cleared right-of-way of forest roads.

5.2.1.8 - Slash height (12/08)

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

5.2.1.9 - No Slash: pipe/powerline, oil/gas sites (2/04)

All pipelines, power lines, oil or gas storage sites and related access roads are to remain free of slash at all times.

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.

5.2.1.14 - Chipping of slash (10/08)

If tops are chipped, they must be skidded to the landing separately from the bole section of the tree. Skidding of tops must be done in such a way as to minimize damage to the residual trees. Chips will not be permitted to be stored on site.

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, and hauling are not permitted during the period of 12/1 to 3/31. This restriction is due to Menge Creek and Baraga Plains Roads being snowmobile trails.

5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 1, 2, 3 and 4, unless changed by written agreement, all clean up activities are to be completed by June 30. This restriction is to let the area revegetate before the dry season.

5.2.30 - Landing/road top soil protection (1/12)

Top soil on 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 must be seeded and mulched per instructions of the sale administrator.

5.2.32 - Decking/landing restoration (9/11)

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.

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

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

5.2.41 - Snowmobile trail protection (9/11)

The Menge Creek road is a snowmobile trail (trail #15) and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. The road maintenance/restoration must be done prior to December 1. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. No decking of forest products will be permitted along the snowmobile trail.

5.4 - Soil Protection

5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.



TIMBER SALE MAP

013

2013

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

Forest Management Unit Baraga		County Baraga	Mapped By Hansen	Date 12/03/2012	Page of 1 1
Township 50N	Range 34W	Section(s) and Subdivision(s) Sec 28 NWNW, S1/2 N1/2, N1/2 S1/2		Scale: [...4 inches...] = 1 mile	
			Cruised By JM, JM, FH		

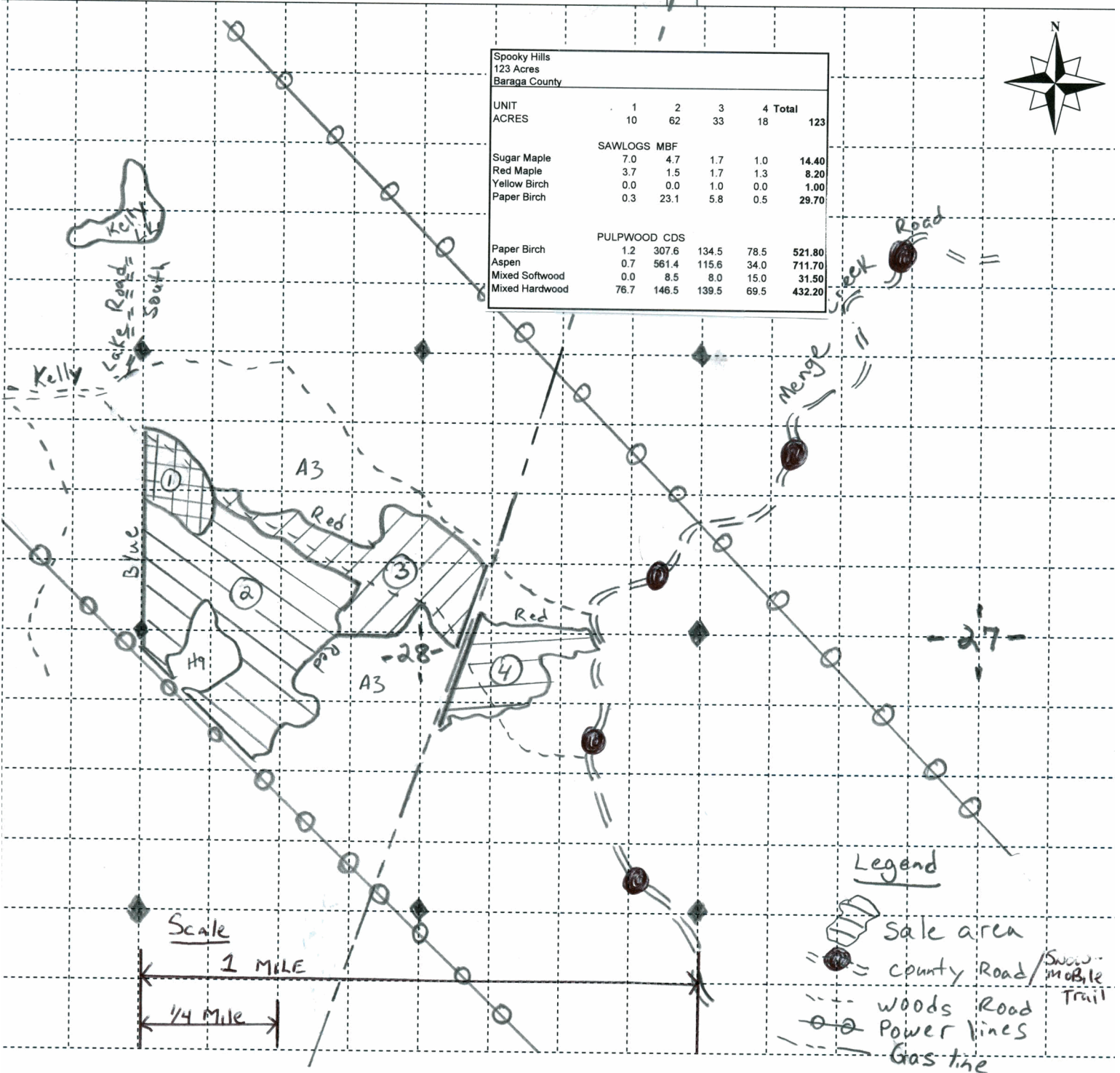
Cover Type

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

Density

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

Spooky Hills 123 Acres Baraga County					
UNIT	1	2	3	4	Total
ACRES	10	62	33	18	123
SAWLOGS MBF					
Sugar Maple	7.0	4.7	1.7	1.0	14.40
Red Maple	3.7	1.5	1.7	1.3	8.20
Yellow Birch	0.0	0.0	1.0	0.0	1.00
Paper Birch	0.3	23.1	5.8	0.5	29.70
PULPWOOD CDS					
Paper Birch	1.2	307.6	134.5	78.5	521.80
Aspen	0.7	561.4	115.6	34.0	711.70
Mixed Softwood	0.0	8.5	8.0	15.0	31.50
Mixed Hardwood	76.7	146.5	139.5	69.5	432.20



TIMBER SALE INFORMATION

NORWICH ASH (11-031-13-01)

T51N, R40W, SEC. 26; T51N, R40W, SEC. 35.

Ontonagon County (Advertised Price \$36,403.60)

SALE NOTE: No designated recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Access may be through private, other public, or state forest 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>
Sawlogs		
White Ash	98.10 MBF	\$ 50.00 / MBF
Pulpwood		
Basswood	500.00 Cords	\$ 12.50 / Cord
Mixed Hardwood	672.00 Cords	\$ 12.15 / Cord
Q. Aspen	182.00 Cords	\$ 11.20 / Cord
White Ash	914.00 Cords	\$ 14.25 / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$2,020.90:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawlogs		
Basswood	15.90 MBF	\$ 50.00 / MBF
Black Ash	2.20 MBF	\$ 50.00 / MBF
Red Maple	8.10 MBF	\$ 92.00 / MBF
Sugar Maple	1.10 MBF	\$ 337.00 / MBF

* The total volume is statistically estimated within plus (+) or minus (-) 12.34 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 **\$3,600.00** 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	11%
02	27%
03	27%
04	35%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2016.

Sale Specific Conditions & Requirements

Sale Name: Norwich Ash Sale Number: 11-031-13-01

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (10/12)

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

2.1.1 - Clearcut unit(s) with unmerchantable trees (8/11)

Within Payment Unit(s) 1, 2, 3 and 4, cut all trees that are 2 inches or more in diameter measured at a point four and one-half (4-1/2) feet above ground level regardless of merchantability except Apple trees, Red Oak, Elm and all conifer.

2.1.11 - Description of timber note (2/04)

Note that white ash pulp includes both white and black ash.

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 8 inches.

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 (12/12)

All products meeting standards set forth in 2.2 Utilization must be removed from the sale area. This is because all products shall be utilized.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (6/05)

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. Damage to residual trees (defined as breaking of the cambium layer, broken tops or bending of trees from their natural position) is not acceptable.

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.

3.4.2 - Special Protection Trees (8/11)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are apple trees, red oak, elm and all conifers. The Purchaser shall protect special protection trees from damage by the Purchaser's operations. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay triple value as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

4 - Transportation

4.1 - Construction

4.1.1 - 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 land.

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 (9/11)

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. 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. Stream crossing permits, if needed, will be obtained by the DNR for on state land.

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, and may 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 double four (4') foot high berm of stumps and logs covered with earth. Contact the sale administrator for specific 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 his/her specifications.

4.2.4 - Grading (12/08)

Roads must be graded after the sale is completed. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

5 - Operations

5.1 - Notification

5.1.4 - Post-sale conference (6/11)

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

5.2.1.2 - Slash Removal

5.2.1.2.1 - Slash removal, right-of-way (12/04)

All slash must be removed at least 10 feet from the cleared right-of-way of forest roads.

5.2.1.8 - Slash height (12/08)

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

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.

5.2.1.14 - Chipping of slash (10/08)

If tops are chipped, they must be skidded to the landing separately from the bole section of the tree. Skidding of tops must be done in such a way as to minimize damage to the residual trees. Chips will not be permitted to be stored on site.

5.2.32 - Decking/landing restoration (9/11)

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.

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 (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and 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.

5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.



TIMBER SALE MAP

11-031-13-01

2013

This information provided by authority of Part 5, 1994 PA 451, as amended.

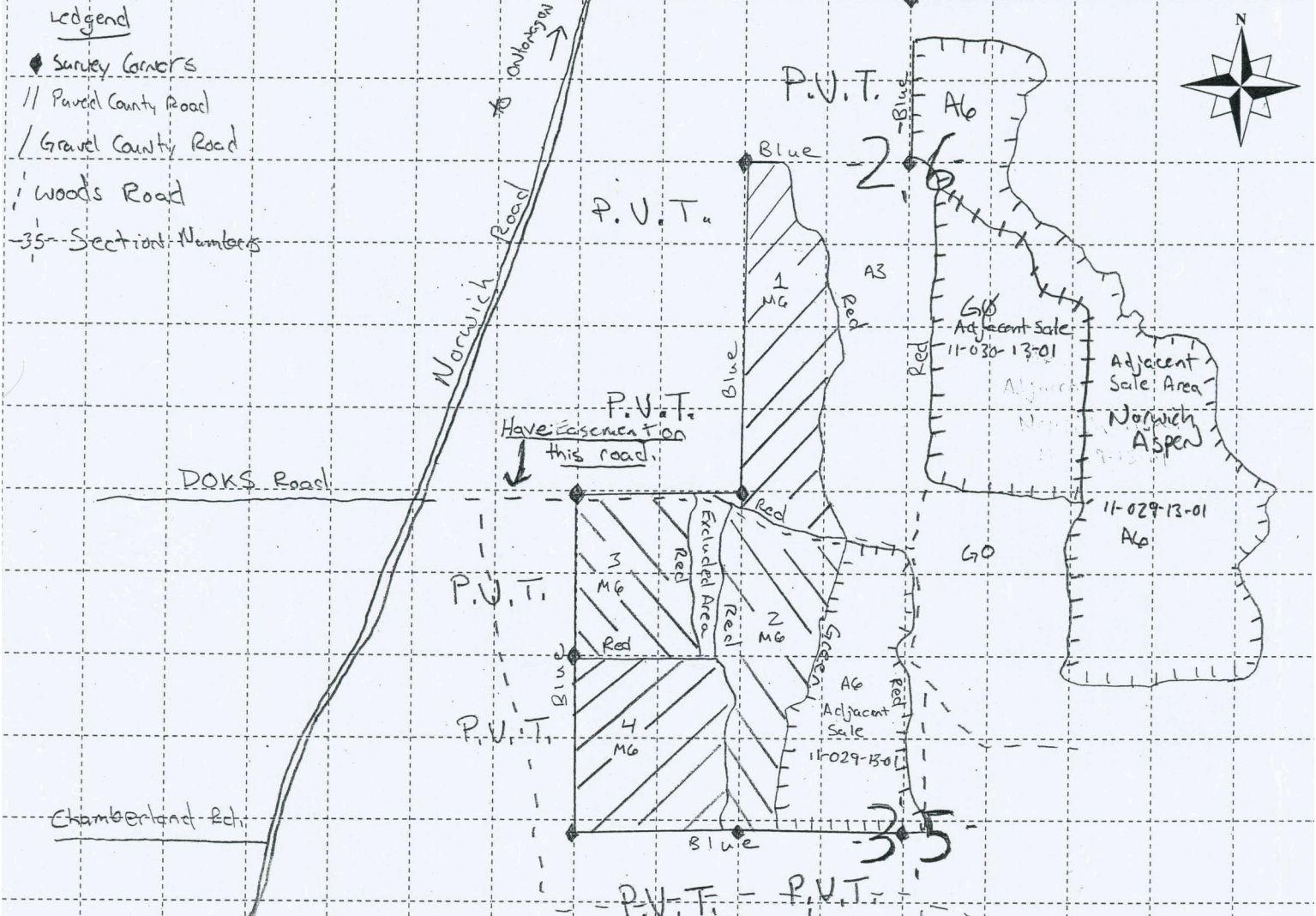
Forest Management Unit Baraga		County Ontonagon	Mapped By Mittlestat	Date 12/21/12	Page 1	of 1
Township 51N	Range 40W	Section(s) and Subdivision(s) Sec 26:E1/2SW; Sec 35: NW1/4		Scale: ...4..... = 1 mile		

Cover Type

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

Density

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



Norwich Ash 138 Acres Ontonagon County					
UNIT	1	2	3	4	Total
ACRES	39	36	27	36	138
SAWLOGS MBF					
Sugar Maple	0.0	0.0	0.0	1.1	1.10
Red Maple	0.0	1.1	2.2	4.8	8.10
Basswood	0.6	5.1	0.0	10.2	15.90
White Ash	0.6	6.0	55.3	36.2	98.10
Black Ash	0.0	0.0	2.2	0.0	2.20
PULPWOOD CDS					
Basswood	91.0	115.0	195.0	99.0	500.00
Mixed Ash	119.0	372.0	135.0	288.0	914.00
Quaking Aspen	33.0	43.0	40.0	66.0	182.00
Mixed Hardwood	75.0	147.0	161.0	289.0	672.00

SPOOKY HILLS (11-013-13-01)
T50N, R34W, SEC. 28, Baraga County

In response to the notice of sale to be held 9:00 a.m. (local time) on May 23, 2013, 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.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE</u>
Sawlogs			
Paper Birch	29.70 MBF	\$ 66.00 / MBF	\$ _____ / MBF
Sugar Maple	459.20 MBF	\$ 355.00 / MBF	\$ _____ / MBF
Pulpwood			
Mixed Hardwood	231.20 Cords	\$ 18.00 / Cord	\$ _____ / Cord
Paper Birch	521.80 Cords	\$ 16.10 / Cord	\$ _____ / Cord
Q. Aspen	711.70 Cords	\$ 16.55 / Cord	\$ _____ / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$2,719.91 :

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawlogs		
Red Maple	8.20 MBF	\$ 121.00 / MBF
Yellow Birch	1.00 MBF	\$ 344.00 / MBF
Pulpwood		
Mixed Softwood	95.10 Cords	\$ 14.55 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 10.47 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.

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

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

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

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

Phone number : _____ Email (optional): _____



TIMBER SALE

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 525 of Act 451 of 1994, as amended.

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

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 21 days of the contract award and prior to the issuance of the timber sale contract.
- All Information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify that 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 that my business has satisfied its obligation 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 that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 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 Employees

_____ 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 DNRE of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

NORWICH ASH (11-031-13-01)

T51N, R40W, SEC. 26; T51N, R40W, SEC. 35, Ontonagon County

In response to the notice of sale to be held 9:00 a.m. (local time) on May 23, 2013, 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.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE</u>
Sawlogs			
White Ash	98.10 MBF	\$ 50.00 / MBF	\$ _____ / MBF
Pulpwood			
Basswood	500.00 Cords	\$ 12.50 / Cord	\$ _____ / Cord
Mixed Hardwood	672.00 Cords	\$ 12.15 / Cord	\$ _____ / Cord
Q. Aspen	182.00 Cords	\$ 11.20 / Cord	\$ _____ / Cord
White Ash	914.00 Cords	\$ 14.25 / Cord	\$ _____ / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$2,020.90 :

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawlogs		
Basswood	15.90 MBF	\$ 50.00 / MBF
Black Ash	2.20 MBF	\$ 50.00 / MBF
Red Maple	8.10 MBF	\$ 92.00 / MBF
Sugar Maple	1.10 MBF	\$ 337.00 / MBF

* The total volume is statistically estimated within plus (+) or minus (-) 12.34 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.

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

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

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

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

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

Phone number : _____ Email (optional): _____

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



TIMBER SALE

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 525 of Act 451 of 1994, as amended.

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

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 21 days of the contract award and prior to the issuance of the timber sale contract.
- All Information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify that 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 that my business has satisfied its obligation 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 that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 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 Employees

_____ 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 DNRE of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date