

# DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

### TIMBER SALE PROSPECTUS

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

WHEELER-PRIEST PINE / T28N, R07W, SEC. 01, SESE.

T28N, R07W, SEC. 12, SWSW.

T28N, R06W, SEC. 06, SWSW.

T28N, R06W, SEC. 07, W1/2SWNW, SESWNW, S1/2NWSW.

KALKASKA COUNTY (Appr. \$171,684.00)

SUNSET TRAIL ASPEN / T27N, R05W, SEC. 30, W1/2SW.

T27N, R06W, SEC. 25, SENE, SE1/4.

T27N, R06W, SEC. 36, E1/2NE.

KALKASKA COUNTY (Appr. \$42,404.00)

WHEELER LAKE ASPEN / T28N, R07W, SEC. 25, W1/2SW, SESW, E1/2SE, E1/2NE.

T28N, R06W, SEC. 30, W1/2NW, NWNE.

KALKASKA COUNTY (Appr. \$17,486.30)

72 & JOHNSON LAKE RED / T27N, R05W, SEC. 30, N1/2NW1/4.

T27N, R05W, SEC. 31, SWNE; SENW.

KALKASKA COUNTY (Appr. \$64,912.65)

JOHNSON LAKE ROAD ASPEN / T27N, R05W, SEC. 30, SESW.

T27N, R05W, SEC. 31, NWNE.

T27N, R05W, SEC. 30, SE1/4,S1/2NE,NENE,NW1/4.

KALKASKA COUNTY (Appr. \$34,656.60)

FLOWING WELL ASPEN / T27N, R06W, SEC. 26, S1/2NE, E1/2SE.

KALKASKA COUNTY (Appr. \$23,286.70)

11111111111111111

SALE DATE AND TIME: 3:00 p.m. on April 13, 2009.

KALKASKA

### BID INSTRUCTIONS (Ver. 06/23/2008):

- 1. Bid Location, Date, and Time: Bids must be received by the Unit Manager, Traverse City Management Unit, Kalkaska Field Office, 2089 N Birch Street, Kalkaska, MI 49646, no later than 3:00 p.m. on April 13, 2009. For further information concerning this sale, contact the Unit Manager at 231-258-2711.
- 2. Bidder's Qualifications: 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/FMFM 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: 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: 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) that it is a "Bid for Timber," and (b) the sale name or number, and (c) 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: 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: 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. <u>Down Payment:</u> 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: 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: Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at <a href="https://www.michigan.gov/dnr">www.michigan.gov/dnr</a>. 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: 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: 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-090N and the Sustainable Forestry Initiative (SFI) - Certificate # NSF-SFIS-5Y031-S1. Forest products from this sale may be delivered to the mill as "FSC 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.

REBECCA A. HUMPHRIES Director

#### WHEELER-PRIEST PINE (040-08-01)

A timber sale contract for this <u>LUMP SUM SEALED</u> timber sale will be awarded the responsible bidder offering the highest sealed bid price. Bids must be at or above the following appraised price for each species:

SPECIES	ESTIMATED VOLUME*	APPRAISED PRICE
SAWLOGS		
RED PINE	483.00 MBF	\$ 129.00/MBF
PULPWOOD		
RED PINE	2554.00 CORDS	\$ 42.70/CORD

In addition, the successful bidder agrees to purchase the following species at the indicated appraised price:

SPECIES	ESTIMATED VOLUME*	APP	RAISED PRICE
PULPWOOD			
JACK PINE	22.00 CORDS	\$	14.60/CORD

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 5.41 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.

### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$8,584.00 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 may 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 N	iumber	PERCENT	0F	TOTAL	SALE	VALUE
1				24%		
2				29%		
3				13%		
4				18%		
5				16%		

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on June 30, 2011.

Michigan Department of Natural Resources - Forest, Mineral & Fire Management

TIMBER SALE MAP

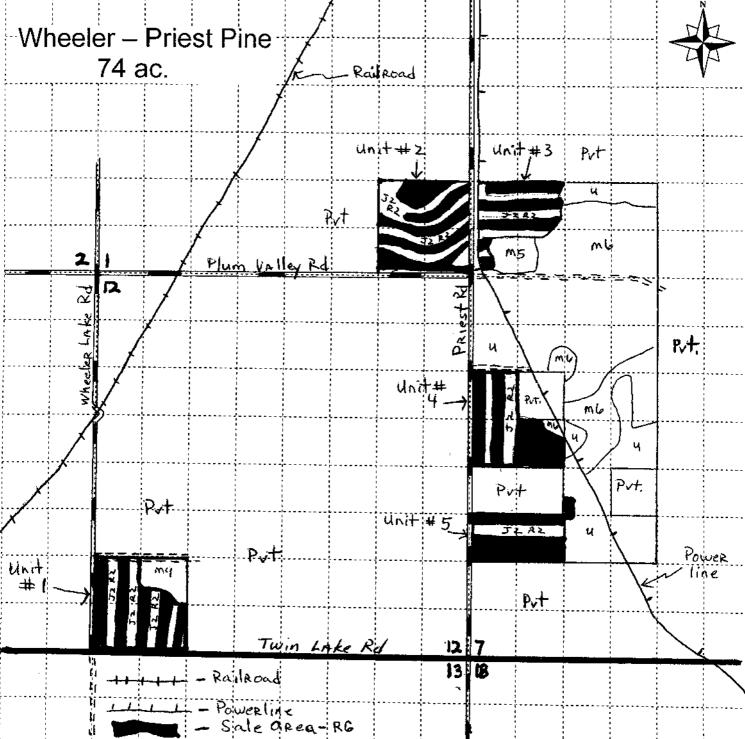
Year

Sale Number

This information provided by authority of Part 525 of Act 451, PA 1994, as amended. 61-040 08 Forest Management Unit County Page Марреd Ву DAJE Johnson 6-10-08 Traverse City Kalkaska Cruised By DAVE Johnson Section(s) and Subdivision(s)

6-5WSW 7-W//2 SWNW, SESWNW, S1/2 NWSW

1-3ESE 12-SWSW Township Scale: |... 4 " ......| = 1 mile 28 N 07 W Density A = Aspen B = Paper Birch H = Hemlock P ≈ Lowland Poplar V = Bog or Marsh 0 = Non Stocked 5 = Pole Timber Medium J ≈ Jack Pine Q = Mixed Swamp Cnfr W = White Pine 1 = Seedling Sapling Poor 8 = Pole Timber Well C = Cedar L = Lowland Brush R = Red Pine X = Non Stocked 2 = Seedling Sapling Medium 7 = Saw Timber Poor E = Swamp Hdwoods 3 = Seedling Sapling Well M = Mpl, Bch, Brch S = Black Spruce Z = Water 8 = Saw Timber Medium F = Spruce Fin N = Marsh T = Tamarack 4 = Pole Timber Poor 9 = Saw Timber Well G = Grass O ≈ Oak U = Upland Brush



Sale Name: Wheeler-priest Pine Sale Number: 61-040-08-01

### 1 - Sale Area

### 1.2 - Boundaries

## 1.2.1 - Painted boundaries (6/05)

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.

### 2 - Timber Specifications

### 2.1 - Included Timber

## 2.1.2 - Clearcut unit(s) w/o unmerchantable trees (5/07)

Within Payment Unit(s) #'s 1, 2, 3, 4, & 5, cut all Red Pine and Jack Pine trees which meet minimum piece specifications in 2.2 Utilization

### 2.2 - Utilization

## 2.2.2 - Chipping (5/07)

All payment units must be chip harvested. The purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled to meet future planting requirements

## 4 - Transportation

### 4.1 - Construction

## 4.1.12 - No new roads (5/07)

No new roads will be permitted All operations are limited to existing roads.

### 5 - Operations

## 5.2 - Conduct of Operations

## 5.2.15 - Bark beetle restriction (2/04)

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 I, 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 their representative, within fifteen days of being severed from the stump. Pine logs, pulpwood piles and treetop piles for chipping that are decked 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 option if the risk of damage warrants.

Section Name: Sale Specific Page 1 of 1 Current as of 6/10/2008 1:15:47PM

### SUNSET TRAIL ASPEN (042-08-01)

A timber sale contract for this <u>LUMP SUM SEALED</u> timber sale will be awarded the responsible bidder offering the highest sealed bid price. Bids must be at or above the following appraised price for each species:

<u>SPECIES</u>	ESTIMATED VOLUME*	APPRAISED PRICE
SAWLOGS		
SUG. MAPLE	68.00 MBF	\$ 329.00/MBF
MIX ASPEN	132.00 MBF	\$ 52.00/MBF
PULPWOOD		
SUG. MAPLE	230.00 CORDS	\$ 9.30/CORD
MIX ASPEN	663.00 CORDS	\$ 14.05/CORD

In addition, the successful bidder agrees to purchase the following species at the indicated appraised price:

SPECIES	ESTIMATED VOLUM	Œ* AP	PRAISED PRICE
SAWLOGS			
BASSWOOD	22.00 MBF	\$	49.00/MBF
PULPWOOD			
BASSWOOD	81.00 CORI	os \$	1.35/CORD
MIX HARDWD	81.00 CORI	S \$	6.50/CORD

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 19.87 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.

### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$2,200.00 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 may 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
	1				45%		
	2				25%		
	3				30%		

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on June 30, 2011.



Michigan Department of Natural Resources-Forest Management Division

Sale No. TIMBER SALE MAP This information provided under authority of Part 525, Act 451 of 1994, as amended.

08 61-042

State Forest and Forest Management Unit:

Pere Marquette/Traverse City MU Legal Description

Mapped and Cruised By: Donna Hagan

July 8, 2008

T27N, R5W, Section 30 - W1/2SW

T27N, R6W, Section 25 - SENE, SE1/4; 36 - E1/2NE

Scale: 1:15840

Sale Type

01

A=Aspen B=Paper Birch C=Cedar E≖Swamp Hdwoods F=Spruce Fir G=Grass

H=Hemlock J=Jack Pine L=Lowland Brush M=Mpl, Bch, Brch N=Marsh O=Oak

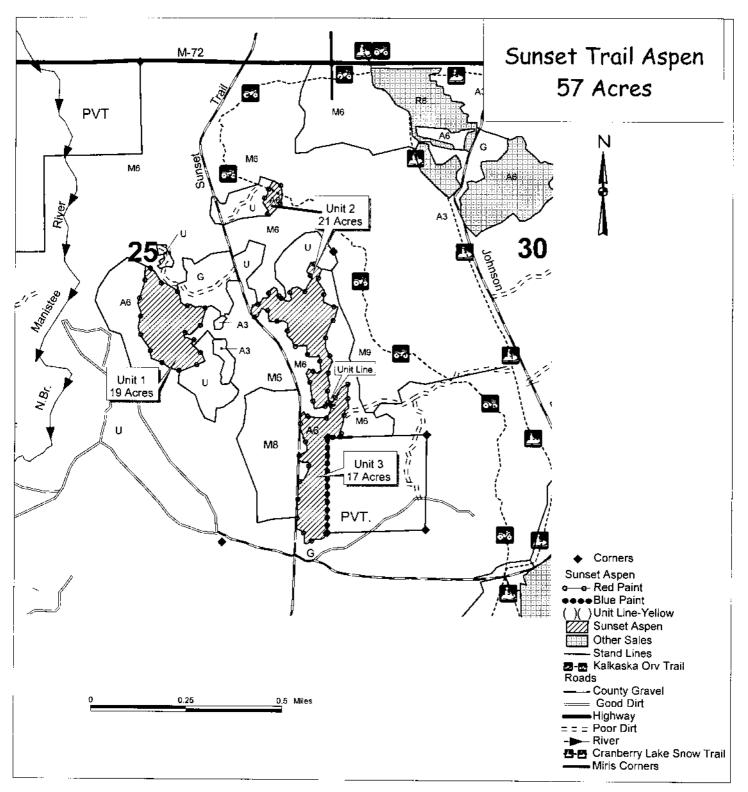
Cover Type P=Lowland Poplar Q=Mixed Swamp Cnfr R=Red Pine S=Black Spruce T=Tamarack U≃Upland Brush

V=Bog or Marsh W=White Pine X=Non Stocked Z=Water

1=Non Stocked 2=Seedling Sapling Poor 3=Seedling Sapling Well 4=Pole Timber Poor 5=Pole Timber Medlum 6=Pole Timber Well

7=Saw Timber Poor 8=Saw Timber Medium 9=Saw Timber Well

Year



Sale Name: Sunset Trail Aspen Sale Number: 61-042-08-01

#### I - Sale Area

### 1.2 - Boundaries

### 1.2.1 - Painted boundaries (6/05)

The sale boundary is and Payment Unit boundaries are marked and identified by blue, red and yellow 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 yellow paint. 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 (2/04)

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

### 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 throughout the sale.

## 4.1.6 - Road construction (6/07)

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 (4/07)

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 constructed 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. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement.

Sale Name: Sunset Trail Aspen Sale Number: 61-042-08-01

### 5 - Operations

### 5.1 - Notification

#### 5.1.1 - Pre-sale conference (2/08)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning to determine landing and road locations.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

### 5.2.1.7 - Slash must be scattered (2/04)

Unless otherwise directed, slash and logging debris shall be uniformly scattered over the sale area and not left in piles or windrows. Slash shall not be allowed to accumulate at the landings. All slash work shall be done concurrently with harvesting.

### 5.2.4 - Dead and Down Creation

### 5.2.4.6 - Dead and down creation, other (8/07)

To create grouse habitat, within Payment Unit(s) I, 2 (south only) and 3, all trees marked with a green 'dot' will be cut at breast height and left within 3 feet of the stump. These are for drumming logs. If a clump of trees is marked, the clump should be cut and left in a pile. The slash height requirement does not apply to these drumming logs and the tops should be left intact.

### 5.2.39 - ORV trail protection (9/07)

The ORV trail is shown on the Timber Sale Map. Do not cut trees or damage posts with orange ORV markers. Maintain a 20 foot wide slash, debris, and rut free zone daily using the ORV trail as the centerline. Do not run equipment down the ORV trail. Skidding across the trail may only occur in locations approved by the sale administrator.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

### 6.2.1 - Road posting (5/05)

The purchaser is responsible for posting and maintaining caution signs on Sunset Trail 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.

## 6.2.3 - Recreational trail posting (7/04)

The purchaser is responsible for posting and maintaining caution signs on the ORV trail prior to beginning operations. The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic at both ends of the trail. The purchaser must maintain the signs during the trail use season.

## WHEELER LAKE ASPEN (046-08-01)

A timber sale contract for this <u>LUMP SUM SEALED</u> timber sale will be awarded the responsible bidder offering the highest sealed bid price. Bids must be at or above the following appraised price for each species:

SPECIES	ESTIMATED VOLUME*	API	PRAISED PRICE
SAWLOGS			
RED MAPLE	27.00 MBF	\$	87.00/MBF
MIX ASPEN	51.00 MBF	\$	49.00/MBF
PULPWOOD			
RED MAPLE	274.00 CORDS	\$	12.75/CORD
MIX ASPEN	560.00 CORDS	\$	15.65/CORD

In addition, the successful bidder agrees to purchase the following species at the indicated appraised price:

SPECIES	ESTIMATED VOLUME*	APPR	AISED PRICE
PULPWOOD			
MIX HARDWD	56.00 CORDS	\$	6.80/CORD

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 19.09 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.

#### BOND AND PAYMENT SCHEDULE:

- A bond in the amount of \$900.00 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 may 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

1 40%
2 60%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on June 30, 2011.



Sale No. Year Sale Type 61-046 08 01

State Forest and Forest Management Unit: Mapped and Cruised By: Pere Marquette/Traverse City MU July 7, 2008 Donna Hagan Range 28 N 06 W 30 - W1/2NW; NWNE Scale: 1:15840 28 N 07 W 25 - W1/2SW; SESW;E1/2SE, E1/2NE

A≖Aspen B=Paper Birch C=Cedar E=Swamp Hdwoods F=Spruce Fir G=Grass

Cover Typë H=Hemlock J=Jack Pine L=Lowland Brush M≈Mpl, Bch, Brch N=Marsh O=Qak

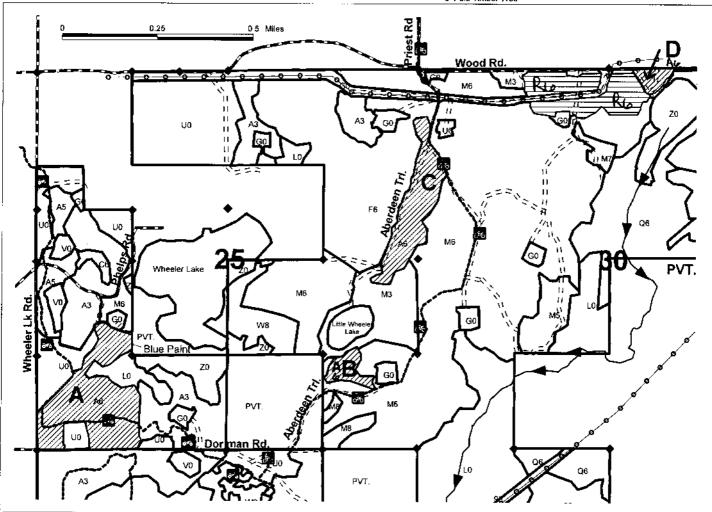
P≂Lowland Poplar Q=Mixed Swamp Cnfr R=Red Pine S=Black Spruce T=Tamarack U=Upland Brush

V=Bog or Marsh W≃White Pine X=Non Stocked Z=Water

1=Non Stocked 2=Seedling Sapling Poor 3=Seedling Sapling Well 4=Pole Timber Poor 5=Pole Timber Medium

7=Saw Timber Poor 8=Saw Timber Medium 9=Saw Timber Well

Density



# Wheeler Lake Aspen 56 Acres



Unit 1 --- A - 31 Acres

Unit 2 C - 4 Acres
C - 18 Acres
D - 3 Acres

Corners

Little Wheeler Aspen Another Sale

Stand Boundaries

County Gravel

→ Gravel & Good Dirt

= = = Trail Road

- Power/Pipe Lines

- Streams

Mccct Trail

Orv Trail

Sale Name: Wheeler Lake Aspen Sale Number: 61-046-08-01

#### 1 - Sale Area

### 1.2 - Boundaries

## 1.2.1 - Painted boundaries (6/05)

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.

### 2 - Timber Specifications

### 2.1 - Included Timber

## 2.1.1 - Clearcut unit(s) with unmerchantable trees (2/04)

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more in diameter measured at a point of four and one-half (4-1/2) feet above ground level regardless of merchantability except, in Unit 1 - do not cut oak or cherry and in Unit 2-D only cut aspen.

### 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 throughout the sale.

### 4.1.6 - Road construction (6/07)

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 (4/07)

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 constructed 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. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement.

### 4.4 - Access

## Sale Name: Wheeler Lake Aspen Sale Number: 61-046-08-01

## 4.4.1 - Private property access (8/04)

Permission for access across private land for Unit 2-B is the responsibility of the purchaser. If permission is not granted, access will be from the North by constructing a temporary road.

### 5 - Operations

#### 5.1 - Notification

## 5.1.1 - Pre-sale conference (2/08)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning to determine landing and road locations.

## 5.2 - Conduct of Operations

#### 5.2.1 - Slash

## 5.2.1.7 - Slash must be scattered (2/04)

Unless otherwise directed, slash and logging debris shall be uniformly scattered over the sale area and not left in piles or windrows. Slash shall not be allowed to accumulate at the landings. All slash work shall be done concurrently with harvesting.

## 5.2.4 - Dead and Down Creation

## 5.2.4.6 - Dead and down creation, other (8/07)

To create grouse habitat, within Payment Units 1 and 2-B and C, all trees marked with a green 'dot' will be cut at breast height and left within 3 feet of the stump. These are for drumming logs. If a clump of trees is marked, the clump should be cut and left in a pile. The slash height requirement does not apply to these drumming logs and the tops should be left intact.

## 5.2.39 - ORV trail protection (9/07)

The ORV trail is shown on the Timber Sale Map. Do not cut trees or damage posts with orange ORV markers. Maintain a 20 foot wide slash, debris, and rut free zone daily using the ORV trail as the centerline. Do not run equipment down the ORV trail. Skidding across the trail may only occur in locations approved by the sale administrator.

## 5.4 - Soil Protection

## 5.4.3 - Erosion control (2/04)

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

## 6 - Safety and Fire Prevention

## 6.2 - Signing

### Sale Name: Wheeler Lake Aspen Sale Number: 61-046-08-01

### 6.2.1 - Road posting (5/05)

The purchaser is responsible for posting and maintaining caution signs on Wood and Wheeler Lake Roads prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed.

### 6.2.3 - Recreational trail posting (7/04)

The purchaser is responsible for posting and maintaining caution signs on the ORV trail prior to beginning operations. The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic at both ends of the trail. The purchaser must maintain the signs during the trail use season.

### 72 & JOHNSON LAKE RED (049-08-01)

A timber sale contract for this <u>LUMP SUM SEALED</u> timber sale will be awarded the responsible bidder offering the highest sealed bid price. Bids must be at or above the following appraised price for each species:

SPECIES	ESTIMATED VOLUME*	APPRAISED PRICE
SAWLOGS		
RED PINE	107.00 MBF	\$ 121.00/MBF
PULPWOOD		
RED PINE	1349,00 CORDS	\$ 38.00/CORD

In addition, the successful bidder agrees to purchase the following species at the indicated appraised price:

SPECIES	ESTIMATED VOLUME*	APPRAISED PRICE
PULPWOOD		
WHITE PINE	23.00 CORDS	\$ 4.05/CORD
MIX ASPEN	37.00 CORDS	\$ 16.50/CORD

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 9.39 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.

#### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$3,300.00 to insure faithful performance of the conditions of the contract, will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment may 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
1	40%
2	60%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on June 30, 2011.

ET OF WATER						
DNR		TIMBER SA	ources-Forest Manag ALE MAP		Sale No.	Year Sale Type
мсніван	This information prov	ided under authority o	of Part 525, Act 451 of	1994, as amended	61-049	08 01
	rest Management Unit:	Mapped and C	-	Date:		ļ
Township Ra	Traverse City MU	<u>  Donna Hag</u>	<u>an</u>	July 2	2, 2008	<del></del> · ·
l ' l	05 W 30 - N1	•	NE; SENW	Se	cale: 1:1	5840
	Cover Ty	pe			Density	
A=Aspen B=Paper 8lrch C=Cedar E=Swamp Hdwoods	H≃Hemlock J=Jack Pine L=Lowland Brush M=Mpl, 8ch, Brch	P≂Lowland Poplar Q=Mixed Swamp Cnfr R≃Red Pine S≃Black Spruce	V=Bog or Marsh W=White Pine X=Non Stocked Z=Water	1=Non Stocked 2=Seedling Sapling 3=Seedling Sapling 4=Pole Timber Poo	Poor B=S: Well 9=S:	aw Timber Poor aw Timber Medium aw Timber Well
F=Spruce Fir G=Grass M-72	N=Marsh O≖Oak	T=Tamarack U=Upland Brush	Z-77 algi	5=Pole Timber Med 6=Pole Timber We	tium 	Lake Red
NI-72	Unit 1A Me 18 Acres Unit 1B.	A3			46 Acı	
M6 M6	3 Acres	G G A3				N
A3 M6	Ms Total	Johnson	30			
M8	PVT.	Unit 25 Ac		A6 P V T Blue Paint	Asperiment	er Sales  onty Gravel  d Dirt  way  Dirt  ers  d Lines  aska Orv Trail
	0	0.3	0.6 Miles			

Sale Name: 72 & Johnson Lake Red Sale Number: 61-049-08-01

### 1 - Sale Area

#### 1.2 - Boundaries

## 1.2.1 - Painted boundaries (6/05)

The sale boundary is marked and identified by red paint in Unit 1 and red and blue paint in Unit 2. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint.

## 2 - Timber Specifications

#### 2.1 - Included Timber

## 2.1.1 - Clearcut unit(s) with unmerchantable trees (2/04)

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

## 2.1.8 - Designated plantation row unit(s) (3/07)

Within Payment Unit(s) IA and 2, all trees which meet minimum piece specifications in 2.2 Utilization, within designated plantation rows are designated for cutting. Plantation rows designated for cutting begin with the third row in from the outside of the plantation, then continue every third row. Because of the variability of row direction, it shall be the responsibility of the producer to maintain the third row sequence.

### 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. 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 10% 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

### Sale Name: 72 & Johnson Lake Red Sale Number: 61-049-08-01

### 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.

## 4.1.6 - Road construction (6/07)

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.

### 5 - Operations

#### 5.1 - Notification

## 5.1.1 - Pre-sale conference (2/08)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning to determine landing and road locations.

### 5.2 - Conduct of Operations

### 5.2.1 - Slash

#### 5.2.1.7 - Slash must be scattered (2/04)

Unless otherwise directed, slash and logging debris shall be uniformly scattered over the sale area and not left in piles or windrows. Slash shall not be allowed to accumulate at the landings. All slash work shall be done concurrently with harvesting.

### 5.2.15 - Bark beetle restriction (2/04)

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 their representative, within fifteen days of being severed from the stump. Pine logs, pulpwood piles and treetop piles for chipping that are decked 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 option if the risk of damage warrants.

### Sale Name: 72 & Johnson Lake Red Sale Number: 61-049-08-01

### 5.2.41 - Snowmobile trail protection (4/07)

The snowmobile trail is shown on the Timber Sale Map. If the trail is used, it must be maintained throughout the sale and restored to a condition equal to or better than before the sale. Do not cut or damage posts with orange trail markers or traffic control signs. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or their representative prior to December 1st. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. All stumps within 20 feet of the snowmobile trail must be cut at ground level. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or their representative.

### 6 - Safety and Fire Prevention

### 6.2 - Signing

### 6.2.1 - Road posting (5/05)

The purchaser is responsible for posting and maintaining caution signs on the snowmobile trail and Johnson Lake Road 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.



### JOHNSON LAKE ROAD ASPEN (050-08-01)

A timber sale contract for this <u>LUMP SUM SEALED</u> timber sale will be awarded the responsible bidder offering the highest sealed bid price. Bids must be at or above the following appraised price for each species:

SPECIES	ESTIMATED VOLUME*	API	PRAISED PRICE
SAWLOGS			
MIX ASPEN	153.00 MBF	\$	57.00/MBF
MIX HARDWD	50.00 MBF	\$	92.00/MBF
PULPWOOD			
RED MAPLE	457.00 CORDS	\$	11.70/CORD
MIX ASPEN	905,00 CORDS	\$	16.00/CORD

In addition, the successful bidder agrees to purchase the following species at the indicated appraised price:

API	PRAISED PRICE
\$	31.00/MBF
\$	2.90/CORD
\$	7.20/CORD
	\$

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 16.71 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.

### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$1,800.00 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 may 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
	1				27%		
,	2				26%		
;	3				27%		
	4				20%		

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on June 30, 2011.



# Michigan Department of Natural Resources-Forest Management Division TIMBER SALE MAP

This information provided under authority of Part 525, Act 451 of 1994, as amended.

Sale No.

**Density** 

61-050

Year

Sale Type

State Forest and Forest Management Unit:

Mapped and Cruised By:

Date:

08

01

Pere Marquette - Traverse City MU
Township Range Section(s)

: City MU Donna Hagan Section(s)

[ Au

August 27, 2008

27 N

F=Spruce Fir

05 W

30 - NW1/4, SE1/4, S1/2NE, NENE, SESW 31 - NWNE

Scale: 1:15840

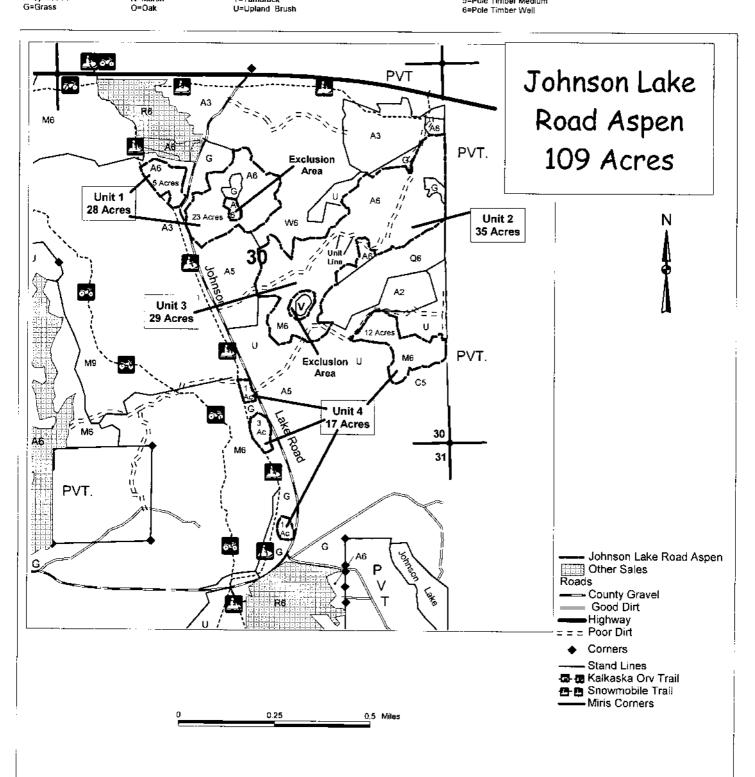
A=Aspen B=Paper Birch C=Cedar E=Swamp Hdwoods H=Hemlock
J=Jack Pine
L=Lowland Brush
M=Mpl, Bch, Brch
N=Marsh
O=Oak

Cover Type

P=Lowland Poplar
Q=Mixed Swamp Cnfr
sh R=Red Pine
ch S=Black Spruce
T=Tamarack
U=Upland Brush

V=Bog or Marsh W=White Pine X=Non Stocked Z=Water 1=Non Stocked 2=Seedling Sapling Poor 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



Sale Name: Johnson Lake Road Aspen Sale Number: 61-050-08-01

### 1 - Sale Area

### 1.2 - Boundaries

## 1.2.1 - Painted boundaries (6/05)

The sale boundary is marked and identified by red and blue paint and a fence line. In Unit 2, exterior sale boundary lines against private property are marked with a fence line. In Unit 4, exterior sale boundary lines against private are marked with blue paint. Exterior sale boundary lines against state are marked with red paint.

## 2 - Timber Specifications

### 2.1 - Included Timber

## 2.1.1 - Clearcut unit(s) with unmerchantable trees (2/04)

Within Payment Unit(s) 1, 2, 3 and 4, cut all trees that are two (2) inches or more in diameter measured at a point of four and one-half (4-1/2) feet above ground level regardless of merchantability. EXCEPTIONS: Do not cut oak and in Unit 4 do not cut black cherry.

### 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 throughout the sale.

### 4.1.6 - Road construction (6/07)

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 (4/07)

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 constructed 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. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement.

Sale Name: Johnson Lake Road Aspen Sale Number: 61-050-08-01

### 5 - Operations

### 5.1 - Notification

### 5.1.1 - Pre-sale conference (2/08)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning to determine landing and road locations.

## 5.2 - Conduct of Operations

#### 5.2.1 - Slash

### 5.2.1.7 - Slash must be scattered (2/04)

Unless otherwise directed, slash and logging debris shall be uniformly scattered over the sale area and not left in piles or windrows. Slash shall not be allowed to accumulate at the landings. All slash work shall be done concurrently with harvesting.

#### 5.2.4 - Dead and Down Creation

### 5.2.4.6 - Dead and down creation, other (8/07)

To create grouse habitat, within Payment Unit(s) 1 (east), all trees marked with a green 'dot' will be cut at least 4 feet above the ground level and left within 3 feet of the stump. These are for drumming logs. If a clump of trees is marked, the clump should be cut and left in a pile. The slash height requirement does not apply to these drumming logs and the tops should be left intact.

And within unit(s) 2 and 3, leave one, 12" diameter or larger hardwood tree for every 2 acres. These trees must be left standing until all merchantable trees are moved to landing, at which time they are to be cut, felled and left on the ground. They must be cut at least 4 feet above the ground level leaving a snag. The felled portion of the tree must be within 3 feet of the snag. These will be evenly scattered throughout the cut unit(s).

### 5.2.41 - Snowmobile trail protection (4/07)

The snowmobile trail is shown on the Timber Sale Map. If the trail is used, it must be maintained throughout the sale and restored to a condition equal to or better than before the sale. Do not cut or damage posts with orange trail markers or traffic control signs. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or their representative prior to December 1st. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. All stumps within 20 feet of the snowmobile trail must be cut at ground level. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or their representative.

### 6 - Safety and Fire Prevention

### 6.2 - Signing

Sale Name: Johnson Lake Road Aspen Sale Number: 61-050-08-01

6.2.1 - Road posting (5/05)

The purchaser is responsible for posting and maintaining caution signs on Johnson Lake Road 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.

Section Name: Sale Specific Page 3 of 3 Current as of 8/26/2008 5:44:21PM

### FLOWING WELL ASPEN (063-08-01)

A timber sale contract for this <u>LUMP SUM SEALED</u> timber sale will be awarded the responsible bidder offering the highest sealed bid price. Bids must be at or above the following appraised price for each species:

SPECIES	ESTIMATED VOLUME*	APPRAISED PRICE
SAWLOGS		
MIX ASPEN	63.00 MBF	\$ 55.00/MBF
MIX HARDWD	69.00 MBF	\$ 110.00/MBF
PULPWOOD		
MIX ASPEN	616.00 CORDS	\$ 14.90/CORD
MIX HARDWD	322.00 CORDS	\$ 7.65/CORD

In addition, the successful bidder agrees to purchase the following species at the indicated appraised price:

SPECIES	ESTIMATED VOLUME*	APP	RAISED PRICE
PULPWOOD			
BALSAM FIR	80.00 CORDS	\$	5.00/CORD
RED PINE	19.00 CORDS	\$	10.00/CORD

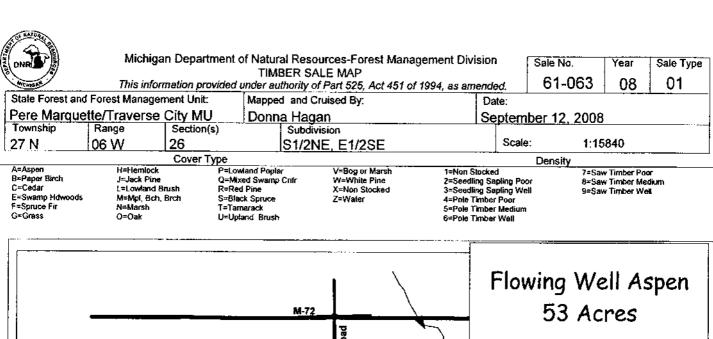
<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 14.58 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

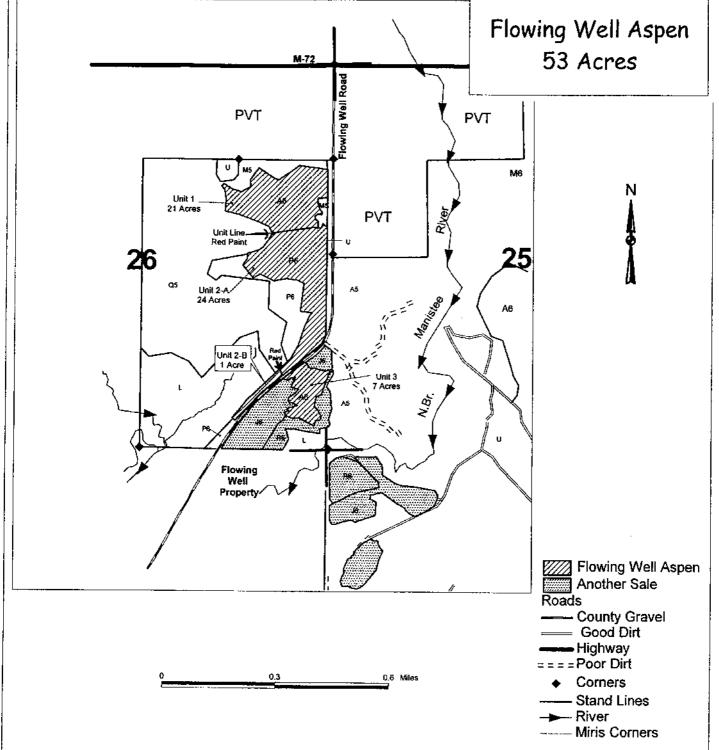
### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$1,200.00 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 may 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	3	PERCENT	OF	TOTAL	SALE	VALUE
	1					40%		
	2					47%		
	3					13%		

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on June 30, 2011.





Sale Name: Flowing Well Aspen Sale Number: 61-063-08-01

### 1 - Sale Area

### 1.2 - Boundaries

### 1.2.1 - Painted boundaries (6/05)

The sale boundary is and Payment Unit boundaries are marked and identified by red paint. Exterior sale boundary lines against state are marked with red 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 (2/04)

Within Payment Unit(s) I and 2-A, cut all trees that are two (2) inches or more in diameter measured at a point of four and one-half (4-1/2) feet above ground level regardless of merchantability. In Unit 2-A, do not cut trees marked with green paint.

## 2.1.2 - Clearcut unit(s) w/o unmerchantable trees (5/07)

Within Payment Unit(s) 2-B, cut all aspen and red maple trees which meet minimum piece specifications in 2.2 Utilization. Within Payment Unit 3, cut all trees which meet minimum piece specifications in 2.2 Utilization.

### 2.2 - Utilization

### 2.2.9 - No chipping permitted (4/08)

Within Payment Unit(s) 3, tops may not be chipped.

## 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 throughout the sale.

### Sale Name: Flowing Well Aspen Sale Number: 61-063-08-01

### 4.1.6 - Road construction (6/07)

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 (4/07)

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 constructed 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. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement.

### 5 - Operations

#### 5.1 - Notification

### 5.1.1 - Pre-sale conference (2/08)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning to determine landing and road locations.

### 5.2 - Conduct of Operations

### 5.2.1 - Slash

### 5.2.1.7 - Slash must be scattered (2/04)

Unless otherwise directed, slash and logging debris shall be uniformly scattered over the sale area and not left in piles or windrows. Slash shall not be allowed to accumulate at the landings. All slash work shall be done concurrently with harvesting.

### 5.2.4 - Dead and Down Creation

### 5.2.4.6 - Dead and down creation, other (8/07)

Within units 1 and 2-A, leave one, 12" diameter or larger hardwood tree for every 2 acres. These trees must be left standing until all merchantable trees are moved to landing, at which time they are to be cut, felled and left on the ground. They must be cut at least 4 feet above the ground level leaving a snag. The felled portion of the tree must be within 3 feet of the snag. These will be evenly scattered throughout the cut unit(s).

### 5.4 - Soil Protection

Sale Name: Flowing Well Aspen Sale Number: 61-063-08-01

5.4.1 - Rutting restriction, general (5/08)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads which is 12 inches or greater in depth and 50 feet in length. In addition, operations are to cease immediately if equipment and weather conditions result in rutting on skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or their representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or their representative's approval, the Purchaser may return to the area when the weather conditions have changed and/or the risk of rutting has decreased. It is recommended, but not required, that within Payment Unit 2-B, cutting and skidding occur during dry summer or frozen winter conditions.

#### WHEELER-PRIEST PINE (040-08-01)

T28N, R07W, SEC. 01, SESE.

T28N, R07W, SEC. 12, SWSW.

T28N, R06W, SEC. 06, SWSW.

T28N, R06W, SEC. 07, W1/2SWNW, SESWNW, S1/2NWSW.

KALKASKA COUNTY

In response to the notice of sale to be held 3:00 p.m. on April 13, 2009, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species and total bid value must be at or above the appraised price. All non-responsive bid forms may be rejected.

SPECIES	APPRAISED PRICE	BID PRICE	ESTIMATED VOLUME	* = VALUE
SAWLOGS RED PINE PULPWOOD	\$ 129.00/MBF	\$x	483.00 MBF	= \$
RED PINE	\$ 42.70/CORD	\$x	2554.00 CORDS	= \$
			SUBTOTAL 1 \$_	
In addition, the succes appraised price:	sful bidder agree	es to purchase the	following species	at the
SPECIES PULPWOOD	APPRAISED PRICE	ESTIMATED	VOLUME* VAL	UE
JACK PINE	\$ 14.60/CORD	22.00	CORDS = \$	321.20
		st	JBTOTAL 2 \$	321.20
	SUBTOTAL 1 +	SUBTOTAL 2 = 1	TOTAL BID VALUE \$_	
*These volumes are state estimated volumes are to to examine this timber	final and not sub	ject to adjustment	. Prospective bi	dders are urged
I understand that any or will be the basis to demust be bid or the bid awarding a contract will contract based upon equal	termine total bid form may be rejec I be based upon m	l value. All bids ted. I also unders ny past performance	must be signed an stand that conside and ability to o	d all bid items ration and
(bidder's pri	nted name)	(bidder's si	gnature)	
Address/Telephone				



FOF	DEPARTMENT USE ONLY
Sale or Permit N	0
Year:	Туре:
Forest Area:	

	As required by Act 317, P.A. 1969 (Worker's Compensation) and of Act 451 of 1994, as amended.	Part 525	Forest Area:	
	VERIFICATION OF WORKER'S DISAB	ILITY COMPENS	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 21 days of the contract award and prior to the issuance of the timber sale contract.			
•	All Information must be typed or printed except for written	signatures.		
Ple	ease Check Appropriate Categories:			
1.	My business is organized as (you <b>must</b> check <u>one</u> of the boxe A. ☐ Sole Proprietorship (individual) B. ☐ Partnership	s below):		
	C. Corporation			
2.	You must check one of the boxes below:  A.	to the Worker's ovide a copy of the se call the Worker ion Policy. I will proceed the number of both	Compensation Act through the use of an approved a Notice of Exclusion within 21 days of the contract r's Compensation Bureau at 517-322-1195).  Provide an original Certificate of Insurance within 21	
Varr	ne of Business	Federal ID (or) S	ocial Security No.	
\dd	dress	Telephone No.		
City	State		Zip + 4	
S S	ereby certify that the above information is true and correct. I agree verage during any of my present and future operations.  Signature of Owner or Authorized Representative			
Ţ	Title	Date	<b>;</b>	

SUNSET TRAIL ASPEN (042-08-01)
T27N, R05W, SEC. 30, W1/2SW.
T27N, R06W, SEC. 25, SENE, SE1/4.
T27N, R06W, SEC. 36, E1/2NE.
KALKASKA COUNTY

In response to the notice of sale to be held 3:00 p.m. on April 13, 2009, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species and total bid value must be at or above the appraised price. All non-responsive bid forms may be rejected.

SPECIES SAWLOGS	APPRAISED PRICE	BID PRICE	ESTIMATED VOLUME	E* = VALUE
	_	_		
SUG. MAPLE	\$ 329.00/MBF	\$x	68.00 MBF	= \$
MIX ASPEN	\$ 52.00/MBF	\$X	132.00 MBF	= \$
PULPWOOD				
SUG. MAPLE	\$ 9.30/CORD	\$X	230.00 CORDS	= \$
MIX ASPEN	\$ 14.05/CORD	\$x	663.00 CORDS	= \$
			SUBTOTAL 1 \$_	

In addition, the successful bidder agrees to purchase the following species at the appraised price:

SPECIES SAWLOGS	APPRAISED PRICE	ESTIMATED VOLUME*	VALUE
BASSWOOD PULPWOOD	\$ 49.00/MBF	22.00 MBF	= \$ 1,078.00
BASSWOOD MIX HARDWD	\$ 1.35/CORD	81.00 CORDS	= \$ 109.35
MIX HARDWD	\$ 6.50/CORD	81.00 CORDS	= \$ 526.50
		SUBTOTAL 2	\$ 1,713.85
	SUBTOTAL 1 + SUBT	OTAL 2 = TOTAL BID	VALUE S

<sup>\*</sup>These volumes are statistically estimated within plus (+) or minus (-) 19.87%. 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, and that the individual unit bid price will be the basis to determine total bid value. 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 manpower subject to my control.

(bidder's printed name)	(bidder's signature)
Address/Telephone	



### **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 or Permit No	
Year:	Туре:
Forest Area:	

	sale contract.	zi days or comu	ict award and prior to the issuance of the timber		
•	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.			
Ple	ease Check Appropriate Categories:				
1.	My business is organized as (you <b>mus</b> t check <u>one</u> of the boxes  A.   Sole Proprietorship (individual)  B.   Partnership  C.   Corporation	s below):			
2.	You <b>must</b> check <u>one</u> of the boxes below:  A.   I certify that my business is a sole proprietorship and Worker's Compensation Laws.	it has no employ	ees but the sole proprietor. I am not subject to the		
	B.  I certify that my business has satisfied its obligation is Notice of Exclusion (BWC-337, Rev. 5/96). I will provaward. (For questions or a copy of the BWC-337, pleas	ride a copy of the se call the Worker	Notice of Exclusion within 21 days of the contract 's Compensation Bureau at 517-322-1195).		
	C.  I certify that my business has a Worker's Compensational days of the contract award.	on Policy. I will p	provide an original Certificate of Insurance within 21		
3.	If you have checked item 2(A) or 2(B), you <b>must</b> indicate th including family members and active partners (if none, you must		h full and part time employees other than yourself		
	Full Time Employees		Part Time Employees		
Van	me of Business	Federal ID (or) S	ocial Security No.		
Add	dress	Telephone No.			
City	y State		Zip + 4		
cov _	nereby certify that the above information is true and correct. I agree to notify the DNR of any changes that occur in factors affecting my overage during any of my present and future operations.  Signature of Owner or Authorized Representative				
7	Title	Date	}		

## WHEELER LAKE ASPEN (046-08-01) T28N, R07W, SEC. 25, W1/2SW, SESW, E1/2SE, E1/2NE. T28N, R06W, SEC. 30, W1/2NW, NWNE.

KALKASKA COUNTY

In response to the notice of sale to be held 3:00 p.m. on April 13, 2009, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species and total bid value must be at or above the appraised price. All non-responsive bid forms may be rejected.

SPECIES	APPRAISED PRICE	BID PRICE	ESTIMATED VOLUM	E* = VALUE
SAWLOGS				
RED MAPLE	\$ 87.00/MBF	\$X	27.00 MBF	= \$
MIX ASPEN	\$ 49.00/MBF	\$x	51.00 MBF	= \$
PULPWOOD				
RED MAPLE	\$ 12.75/CORD	\$x	274.00 CORDS	= \$
MIX ASPEN	\$ 15.65/CORD	\$x	560.00 CORDS	= \$
			SUBTOTAL 1 \$	<u> </u>
In addition, the suc appraised price:	cessful bidder agrees	s to purchase the	following specie	s at the
SPECIES PULPWOOD	APPRAISED PRICE	ESTIMATED	VOLUME* VA	LUE
MIX HARDWD	\$ 6.80/CORD	56.00	CORDS = \$	380.80
		st	JBTOTAL 2 \$	380.80
	SUBTOTAL 1 +	SUBTOTAL 2 = 7	COTAL BID VALUE \$	
estimated volumes a	tatistically estimate re final and not subj ber and to make their	ect to adjustment	. Prospective b	idders are urged
will be the basis to must be bid or the b awarding a contract	ay or all bids may be o determine total bid oid form may be reject will be based upon my equipment and manpowe	value. All bids ed. I also unders past performance	must be signed a stand that consid and ability to	nd all bid items eration and
contract based upon				



FOR	DEPARTMENT USE ONLY
Sale or Permit No	11-110-1
Year:	Туре:
Forest Area:	

	As required by Act 317, P.A. 1969 (Worker's Compensation) and Poor of Act 451 of 1994, as amended.	'art 525	Forest Area:
	VERIFICATION OF WORKER'S DISABIL	LITY COMPENS	SATION ACT COMPLIANCE
•	This verification must be completed and submitted within 2' sale contract.	1 days of contr	ract award and prior to the issuance of the timber
•	In addition, if boxes 2B or 2C are checked, then Notice of Ex days of the contract award and prior to the issuance of the t		
•	All Information must be typed or printed except for written s	ignatures.	
Ple	ease Check Appropriate Categories:		
1.	My business is organized as (you <b>must</b> check <u>one</u> of the boxes!  A.   Sole Proprietorship (individual)  B.   Partnership  C.   Corporation	below):	
2.	You must check one of the boxes below:  A.	o the Worker's de a copy of the	Compensation Act through the use of an approved e Notice of Exclusion within 21 days of the contract
3.	<ul> <li>C.  I certify that my business has a Worker's Compensation days of the contract award.</li> <li>If you have checked item 2(A) or 2(B), you must indicate the including family members and active partners (if none, you must</li> </ul>	number of <b>bot</b>	·
	Full Time Employees		Part Time Employees
Nan	ne of Business	Federal ID (or) S	Social Security No.
Add	iress	Telephone No.	
City	State		Zip + 4
cov	ereby certify that the above information is true and correct. I agree verage during any of my present and future operations.  Signature of Owner or Authorized Representative	∍ to notify the Df	NR of any changes that occur in factors affecting my
	Title	Date	te

#### 72 & JOHNSON LAKE RED (049-08-01) T27N, R05W, SEC. 30, N1/2NW1/4. T27N, R05W, SEC. 31, SWNE; SENW. KALKASKA COUNTY

In response to the notice of sale to be held 3:00 p.m. on April 13, 2009, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species and total bid value must be at or above the appraised price. All non-responsive bid forms may be rejected.

SPECIES	APPRAISED PRICE	BID PRICE	ESTIMATED VOLU	ME* = VALUE
SAWLOGS				
RED PINE	\$ 121.00/MBF	\$x	107.00 MBF	= \$
PULPWOOD				
RED PINE	\$ 38.00/CORD	\$X	1349.00 CORDS	= \$
			SUBTOTAL 1	\$
In addition, the suc	cessful bidder agree	s to purchase the	following speci	es at the
appraised price:				
SPECIES	APPRAISED PRICE	ESTIMATED	VOLUME*	ALUE
PULPWOOD				
WHITE PINE	\$ 4.05/CORD	23.00	CORDS = \$	93.15
MIX ASPEN	\$ 16.50/CORD	37.00	CORDS = \$	610.50
		s	UBTOTAL 2 \$	703.65
estimated volumes a	SUBTOTAL 1 + statistically estimater re final and not subspec and to make thei	ject to adjustment	) or minus (-) 9	.39%. These bidders are urged
will be the basis to must be bid or the b awarding a contract	ny or all bids may be determine total bid bid form may be reject will be based upon m equipment and manpow	l value. All bids ted. I also unders ny past performance	must be signed stand that consi a and ability to	and all bid items deration and
(bidder's	printed name)	(bidder's si	ignature)	
Address/Telephone				



FOR	DEPARTMENT USE ONLY		
Sale or Permit No			
Үеаг:	Type:		
Forest Area:			

	As required by Act 317, P.A. 1969 (Worker's Compensation) and P of Act 451 of 1994, as amended.	Part 525	Forest Area:					
	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 s	signatures.						
Plea	se Check Appropriate Categories:							
,	My business is organized as (you <b>mus</b> t check <u>one</u> of the boxes  A.   Sole Proprietorship (individual)  B.   Partnership  C.   Corporation	below):						
,	You <b>must</b> check <u>one</u> of the boxes below:  A.   I certify that my business is a sole proprietorship and i  Worker's Compensation Laws.		•					
3.	<ul> <li>B.</li></ul>							
	including family members and active partners (if none, you must	comer o ).	Part Time Employees					
Name	e of Business	Federal ID (or) S	Social Security No.					
Addre	ess	Telephone No.	<del></del>					
City	State	1.	Zip + 4					
cove	hereby certify that the above information is true and correct. I agree to notify the DNR of any changes that occur in factors affecting my overage during any of my present and future operations.  Signature of Owner or Authorized Representative							
Ti	tle	Date	te	-				

#### JOHNSON LAKE ROAD ASPEN (050-08-01)

T27N, R05W, SEC. 30, SESW.

T27N, R05W, SEC. 31, NWNE.

T27N, R05W, SEC. 30, SE1/4,S1/2NE,NENE,NW1/4.

#### KALKASKA COUNTY

In response to the notice of sale to be held 3:00 p.m. on April 13, 2009, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species and total bid value must be at or above the appraised price. All non-responsive bid forms may be rejected.

SPECIES		APP	RAISED PRICE	<u>B</u> :	ID PRICE	ESTIMATE	D VOLUME	* =	VALUE
MIX	ASPEN	\$	57.00/MBF	\$	x	153.00	MBF	=	\$
MIX	HARDWD	\$	92.00/MBF	\$	x	50.00	MBF	=	\$
PULPWOO:	D								
RED :	MAPLE	\$	11.70/CORD	\$	x	457.00	CORDS	=	\$
MIX :	aspen	\$	16.00/CORD	\$	х	905.00	CORDS	=	\$
						SUBTOTAL	.1 \$_		

In addition, the successful bidder agrees to purchase the following species at the appraised price:

SPECIES SAWLOGS	APPRAISED PRICE	ESTIMATED VOLUME* VALUE
WHITE PINE PULPWOOD	\$ 31.00/MBF	16.00 MBF = \$ 496.00
WHITE PINE	\$ 2.90/CORD	163.00 CORDS = \$ 472.70
MIX HARDWD	\$ 7.20/CORD	75.00 CORDS = \$ 540.00
		SUBTOTAL 2 \$ 1,508.70
	SUBTOTAL 1 + SUBTO	OTAL 2 = TOTAL BID VALUE \$

<sup>\*</sup>These volumes are statistically estimated within plus (+) or minus (-) 16.71%. 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, and that the individual unit bid price will be the basis to determine total bid value. 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 manpower subject to my control.

(bidder's printed name)	(bidder's signature)	
Address/Telephone		



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

FOR	DEPARTMENT USE ONLY			
Sale or Permit No				
Year:	Туре:			
Forest Area:				

	As required by Act 317, P.A. 1969 (Worker's Compensation) and Pa of Act 451 of 1994, as amended.	art 525	Forest Area:					
	VERIFICATION OF WORKER'S DISABIL	ITY COMPENS	ATION ACT COMPLIANC	Æ				
ı	This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.							
ı	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 s	ignatures.						
Ple	ase Check Appropriate Categories:							
١.	My business is organized as (you <b>must</b> check <u>one</u> of the boxes I  A.   Sole Proprietorship (individual)  B.   Partnership  C.   Corporation	below):						
?. }.	<ul> <li>You must check one of the boxes below:</li> <li>A.  I certify that my business is a sole proprietorship and it Worker's Compensation Laws.</li> <li>B.  I certify that my business has satisfied its obligation to Notice of Exclusion (BWC-337, Rev. 5/96). I will provid award. (For questions or a copy of the BWC-337, please</li> <li>C.  I certify that my business has a Worker's Compensation days of the contract award.</li> <li>If you have checked item 2(A) or 2(B), you must indicate the including family members and active partners (if none, you must</li> </ul>	the Worker's de a copy of the call the Worke n Policy. I will number of bo	Compensation Act throug e Notice of Exclusion with r's Compensation Bureau provide an original Certific	h the use of an approved in 21 days of the contract at 517-322-1195). cate of Insurance within 21				
	Full Time Employees		Part	Time Employees				
lan	ne of Business	Federal ID (or)	Social Security No.					
١dd	iress	Telephone No.						
City	State		Zip + 4					
ov -	ereby certify that the above information is true and correct. I agree erage during any of my present and future operations.  Signature of Owner or Authorized Representative			cur in factors affecting my				
1	Title Title	Dat	е					

Address/Telephone \_\_\_\_\_

## FLOWING WELL ASPEN (063-08-01) T27N, R06W, SEC. 26, S1/2NE, E1/2SE. KALKASKA COUNTY

In response to the notice of sale to be held 3:00 p.m. on April 13, 2009, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species and total bid value must be at or above the appraised price. All non-responsive bid forms may be rejected.

SPECIES	APPRAISED PRICE	BID PRICE	ESTIMATED VOLUM	E* = VALUE
SAWLOGS	_	_		
MIX ASPEN	\$ 55.00/MBF	\$x	63.00 MBF	= \$
MIX HARDWD	\$ 110.00/MBF	\$x	69.00 MBF	= \$
PULPWOOD				
MIX ASPEN	\$ 14.90/CORD	\$x	616.00 CORDS	= \$
MIX HARDWD	\$ 7.65/CORD	\$x	322.00 CORDS	= \$
			SUBTOTAL 1 \$	
In addition, the succeappraised price:	essful bidder agree	es to purchase the	following specie	s at the
SPECIES	APPRAISED PRICE	ESTIMATED	VOLUME* VA	LUE
PULPWOOD	·	-	<del></del>	<u></u>
BALSAM FIR	\$ 5.00/CORD	80.00	CORDS = \$	400.00
RED PINE	\$ 10.00/CORD	19.00	CORDS = \$	190.00
		S	UBTOTAL 2 \$	590.00
	SUBTOTAL 1 +	SUBTOTAL 2 =	TOTAL BID VALUE \$	
*These volumes are stated volumes are to examine this timbe	final and not sub	ject to adjustment	c. Prospective b	idders are urged
I understand that any will be the basis to o must be bid or the bid awarding a contract with contract based upon econtract based upon e	determine total bid d form may be rejec ill be based upon m	l value. All bids ted. I also under ny past performanc	must be signed a stand that consid e and ability to	nd all bid items eration and
(bidder's p	rinted name)	(bidder's s	ignature)	_



FOR DEPARTMENT USE ONLY					
Sale or Permit No	Sale or Permit No				
Year:	Туре:				
Forest Area:					

	As required by Act 317, P.A. 1969 (Works of Act 451 of 1994, a		rt 525	Forest Area:				
	VERIFICATION OF	WORKER'S DISABILI	TY COMPENS	ATION ACT COMP	LIANCE			
•	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 printe	d except for written si	gnatures.					
Ple	ase Check Appropriate Categories:							
1.	My business is organized as (you must check <u>one</u> of the boxes below):  A. Sole Proprietorship (individual)  B. Partnership  C. Corporation							
2.	You must check one of the boxes below:  A.	atisfied its obligation to Rev. 5/96). I will provident the BWC-337, please	the Worker's e a copy of the call the Worke	Compensation Act to Notice of Exclusion of Compensation B	through the use of an approved on within 21 days of the contract ureau at 517-322-1195).			
3.	If you have checked item 2(A) or 2(B), including family members and active parti			th full and part time	employees other than yourself			
	Full Time	e Employees			_ Part Time Employees			
Nan	ne of Business		Federal ID (or) S	Social Security No.				
Add	ress		Telephone No.					
City		State	······································	Zip + 4				
cov	reby certify that the above information is treage during any of my present and future and future signature of Owner or Authorized Represer	operations.	to notify the Di	NR of any changes t	hat occur in factors affecting my			
	itle		Date	9				