

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

TIMBER SALE PROSPECTUS #4691

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on August 22, 2012. LOCATION: SHINGLETON MGMT UNIT, PO BOX 67 M-28 WEST, SHINGLETON, MI 49884.

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

MIDDLE EARTH: A COMPLEX (41-017-11-01) / T45N, R16W, SEC. 17, SESW,SWSW.

T45N, R16W, SEC. 20, NE1/4,NWNW,E1/2NW,SE1/4,E1/2SW.

T45N, R16W, SEC. 21, W1/2NW, W1/2SW, SESW.

T45N, R16W, SEC. 28, NW1/4, NWSE.

Schoolcraft County, Advertised Price \$43,059.15, 250.0 Acres

SALE NOTE: Permission for access across private land has been partially obtained by the DNR. The remainder of the access through private land is the responsibility of the purchaser. Within payment Units 1-10, harvesting is not permitted during November 14 through November 30 due to conditions of private access easement.

Within payment Unit 2, harvesting is not permitted during April 15 to July 15 due to bark slippage.

It is recommended, but not required, that harvest occur during dry summer or frozen winter conditions due to wet conditions in the sale area.

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

TATROWS MARSH (41-007-10-01) / T44N, R15W, SEC. 21, W1/2SW, SESW; SEC 26 SWSW.

T44N, R15W, SEC. 27, NW,SW,W1/2SE,SESE;SEC 35 NWNW.

T44N, R15W, SEC. 28, NE,E1/2NW,SWSW,SESE,NWSE.

T44N, R15W, SEC. 34, NE,E1/2NW,NWNW,SE,E1/2SW,NWSW.

Schoolcraft County, Advertised Price \$158,669.00, 287.0 Acres

SALE NOTE: Payment Units 3 and 6 must be cut before any other Units can be started.

Within Payment Units 1-8, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted.

It is recommended, but not required, that within Payment Units 1-8, harvest occur during frozen winter conditions due to marsh crossings.

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

BID INSTRUCTIONS (VER. 02/13/2012):

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

Bids must be received by the Unit Manager, SHINGLETON OFFICE, PO BOX 67 M-28 WEST, SHINGLETON, MI 49884, no later than 10:00 a.m. (local time) on August 22, 2012. For further information concerning this sale, contact Robert Burnham at 906-452-6227 extension 240.

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 (1/11)

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/dnr. 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 (10/11)

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 Pure 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.

RODNEY STOKES Director

TIMBER SALE INFORMATION

MIDDLE EARTH: A COMPLEX (41-017-11-01)

T45N, R16W, SEC. 17; T45N, R16W, SEC. 20; T45N, R16W, SEC. 21; T45N, R16W, SEC. 28.

SALE NOTE: Permission for access across private land has been partially obtained by the DNR. The remainder of the access through private land is the responsibility of the purchaser.

Within payment Units 1-10, harvesting is not permitted during November 14 through November 30 due to conditions of private access easement.

Within payment Unit 2, harvesting is not permitted during April 15 to July 15 due to bark slippage.

It is recommended, but not required, that harvest occur during dry summer or frozen winter conditions due to wet conditions in the sale area.

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

PRODUCTS & SPECIES	ESTIMATED UNITS*	<u>ADV</u>	ERTISED PRICE
Sawlogs			
Red Pine	42.30 MBF	\$	64.00 / MBF
Pulpwood			
Balsam Fir	290.00 Cords	\$	9.25 / Cord
Black Spruce	221.00 Cords	\$	13.40 / Cord
Mixed Aspen	675.00 Cords	\$	12.50 / Cord
Mixed Hardwood	718.00 Cords	\$	10.80 / Cord
N. W. Cedar	639.00 Cords	\$	10.80 / Cord
Paper Birch	377.00 Cords	\$	8.55 / Cord
Red Pine	108.00 Cords	\$	28.70 / Cord
White Pine	221.00 Cords	\$	10.70 / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$2,927.30:

PRODUCTS & SPECIES	ESTIMATED UNITS*	<u>AD\</u>	ADVERTISED PRICE		
Sawlogs					
Red Maple	9.70 MBF	\$	64.00 / MBF		
White Pine	62.90 MBF	\$	20.00 / MBF		
Pulpwood					
Tamarack	90.00 Cords	\$	11.65 / Cord		

^{*} The total volume is statistically estimated within plus (+) or minus (-) 8.41 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 **\$2,156.00** 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:

, ,	5 5
PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	4%
02	5%
03	10%
04	13%
05	13%
06	12%
07	23%
08	5%
09	8%
10	7%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 12/30/2015.

Sale Specific Conditions & Requirements

Sale Name: Middle Earth: A Complex Sale Number: 41-017-11-01

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (12/08)

The sale boundary 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 (8/11)

Within Payment Unit(s) 3-6, cut all maple and aspen trees that are two (2) inches or more in diameter measured at a point four and one-half (4-1/2) feet above ground level regardless of merchantability. In addition, cut all other trees except oak and hemlock. EXCEPTION, do not cut cedar and white pine within Unit 3. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 1 and 2, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.1.7 - Leave tree marked unit(s) (8/11)

Within Payment Unit(s) 7-10 all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting except hemlock, oak and trees marked with green paint above and below stump height. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (12/08)

Payment unit(s) 5 and 7 may be divided at the request of the purchaser and upon approval of the Unit Manager. Dividing payment units is a contract modification which requires a Timber Sale Contract Supplement.

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 oak, hemlock and trees painted in green. 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 \$100 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.

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.

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other designated timber and not removed until measured by the sale administrator. Payment will be made at the

specified Purchase Unit Price.

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 16 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.

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. 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. 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. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

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.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land has been partially obtained by the DNR. This portion of the access is from County Road 448 to T45N R16W Section 33. The remainder of the access through private land is the responsibility of the purchaser.

4.4.3 - Access gate (12/08)

The access gate must be locked at all times. This is to prevent someone other than the purchaser from going through the gate and being locked in, and to protect private property. With the permission of the Unit Manager and Mr. Lund, different arrangements may be able to be made. The gate is located in T44N R16W Section 19. There are other gates on the access route that also may need to be locked, depending on landowner agreement.

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.

5.1.4 - 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

5.2.1.1 - Slash within sale area (2/04)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the blue paint line.

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.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (2/04)

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

5.2.3 - Operating Restrictions

5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 1-10, unless changed by written agreement, cutting, skidding, and hauling are not permitted during the period of November 14 through November 30. This restriction is because of conditions in the private access easement through Mr. Lund's property.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.3.9 - Beech hauling restriction (3/11)

American beech wood products with bark still attached, other than chips, are not to be transported from stands infested with beech scale to or through uninfested beech areas from July 15 to November 15. Beech scale is mobile at this time of year and can move from infested wood to live beech. (See Map of current beech scale distribution on the DNR Forest Health Website, www.michigan.gov/dnr.)

5.2.4 - Dead and Down Creation

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

5.2.17 - Crane Mats/Timber Mats (9/11)

Some roads or skid trails may require extra protection such as that afforded by Crane Mats/Timber Mats. If available, Crane Mats/Timber Mats may be borrowed from the DNR and are located at the Marquette OSC and the Grayling Field Office. Contact the sale administrator for specific details. A timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's Crane Mats/Timber Mats. It is the responsibility of the Purchaser to contact the sale administrator to schedule pick up and drop off. In addition, all mats must be cleaned prior to drop off. A charge of \$350.00 will be assessed for all damaged or non-returned mats. Damage is defined as misuse resulting in three or more broken cants.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (12/04)

It is recommended, but not required, that within Payment Unit(s) 1-10, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. This restriction is because of the very wet conditions in the sale area.

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)

Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. If the trail road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail.

5.3 - Stream Protection

5.3.1 - Operating near stream (7/04)

No tracked or wheeled vehicles shall be operated within 50 feet of Hickey creek.

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.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (4/09)

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

7 - Other Conditions

7.3 - Contract Modifications

7.3.1 - Emerald Ash Borer

7.3.1.2 - Emerald ash borer, ash or firewood on sale (2/05)

There is ash and/or "firewood" in this sale and it is located within an emerald ash borer quarantined area. The Director of the Michigan Department of Agriculture (MDA) by the authority of Act No. 72 of the Public Acts of 1945, as amended, and Quarantine Regulation No. 620, has promulgated this quarantine to prevent the further spread of this pest and sets forth: definitions, regulated articles, regulated areas, conditions of movement, violations and penalties, and special exemptions. The purchaser must comply with this quarantine. Contact the MDA for further information.

Section Name: Sale Specific Current as of 5/30/2012 3:16:06PM

Michigan Department of Natural Resources & Environment - Forest Management Division

TIMBER SALE MAP

Sale Number

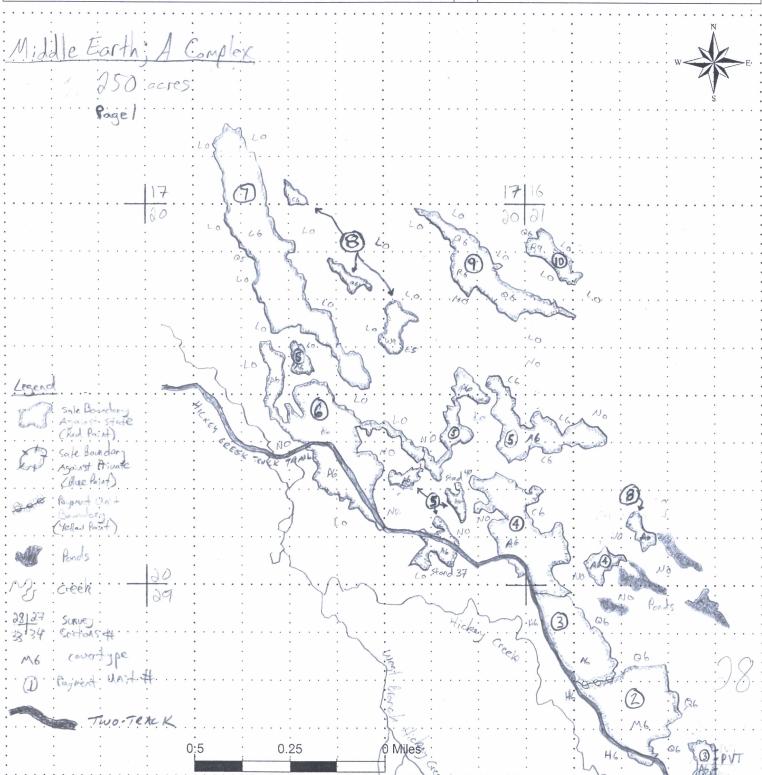
Year

41-017-11-01

	I nis informa	ation provided by authority o	f Part 525, 19	194 PA 451, as amen	ded.			
Forest Management Ur	nit	County	Mapped By	J. Bramer		Date	Page	of
Shingleton		Schoolcraft	Cruised By	Molin, Hill, one	d Gramer	09/06/2011	1	12
Township	Range	Section(s) and Subdivision	(s)					

45N SCC. 17 STASM; Sec 20 NUMW, NET/4, E'DIW, SET/4, E's SW; SEC. 21 W BNW, WHASW, SESW **Cover Type Density** U = Upland Brush A = Aspen G = Grass O = Oak

5 = Pole Timber Medium 0 = Non Stocked B = Paper Birch V = Bog or Marsh 1 = Seedling Sapling Poor P = Lowland Poplar H = Hemlock 6 = Pole Timber Well C = Cedar Q = Mixed Swamp Cnfr R = Red Pine W = White Pine 2 = Seedling Sapling Medium J = Jack Pine 7 = Saw Timber Poor D = Treed Bog X = Non Stocked L = Lowland Brush 3 = Seedling Sapling Well 4 = Pole Timber Poor 8 = Saw Timber Medium E = Swamp Hdwoods F = Spruce Fir Z = Water S = Black Spruce M = Mpl, Bch, Brch 9 = Saw Timber Well N = Marsh T = Tamarack



Michigan Department of Natural Resources & Environment - Forest Management Division Sale Number Year 41-017-11-01 TIMBER SALE MAP This information provided by authority of Part 525, 1994 PA 451, as amended. Forest Management Unit County Mapped By Page Bramet of Schooleralt Cruised By 09/06/2011 Shingeton Molin, Hill and Township Range Section(s) and Subdivision(s) Sec. 28 NW14, NWSE 45N Sec. 21 WYDNW, WISSW, SESW 16W **Cover Type Density** U = Upland Brush A = Aspen G = Grass O = Oak 0 = Non Stocked 5 = Pole Timber Medium B = Paper Birch P = Lowland Poplar V = Bog or Marsh H = Hemlock 1 = Seedling Sapling Poor 6 = Pole Timber Well C = Cedar Q = Mixed Swamp Cnfr W = White Pine 2 = Seedling Sapling Medium 3 = Seedling Sapling Well J = Jack Pine 7 = Saw Timber Poor D = Treed Bog R = Red Pine X = Non Stocked L = Lowland Brush 8 = Saw Timber Medium E = Swamp Hdwoods Z = Water 4 = Pole Timber Poor S = Black Spruce M = Mpl, Bch, Brch 9 = Saw Timber Well F = Spruce Fir N = Marsh T = Tamarack Middle Earth; A Complex GP5 POINT ale boundary Against Private (Blue Parit) agreent unit Boundary Yellow Part) GPS POINT COORDINATES N 46,26334° W 86,31369° Survey Section

0 Miles

0.25

TWO TRACK

TIMBER SALE INFORMATION

TATROWS MARSH (41-007-10-01)

T44N, R15W, SEC. 21; T44N, R15W, SEC. 27; T44N, R15W, SEC. 28; T44N, R15W, SEC. 34.

SALE NOTE: Payment Units 3 and 6 must be cut before any other Units can be started.

Within Payment Units 1-8, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted.

It is recommended, but not required, that within Payment Units 1-8, harvest occur during frozen winter conditions due to marsh crossings.

No designated recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Access may be through private 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:

PRODUCTS & SPECIES	ESTIMATED UNITS*	<u>ADV</u>	ERTISED PRICE
Sawlogs			
Red Pine	303.40 MBF	\$	98.00 / MBF
Pulpwood			
Black Spruce	833.00 Cords	\$	24.25 / Cord
Jack Pine	1,158.00 Cords	\$	42.40 / Cord
Red Pine	866.00 Cords	\$	46.75 / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$19,150.85:

PRODUCTS & SPECIES	ESTIMATED UNITS*	ADV	ERTISED PRICE
Sawlogs			
White Pine	93.60 MBF	\$	33.00 / MBF
Pulpwood			
Balsam Fir	8.00 Cords	\$	20.10 / Cord
Beech	16.00 Cords	\$	6.30 / Cord
Mixed Aspen	57.00 Cords	\$	23.45 / Cord
Mixed Hardwood	137.00 Cords	\$	18.60 / Cord
N. W. Cedar	13.00 Cords	\$	19.70 / Cord
Paper Birch	44.00 Cords	\$	13.95 / Cord
Red Maple	240.00 Cords	\$	11.35 / Cord
Tamarack	104.00 Cords	\$	20.50 / Cord
White Pine	331.00 Cords	\$	18.70 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 11.49 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 \$7,934.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule:
- (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
- (b) The 10% down payment will be credited towards the first unit cut.
- (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	7%
02	7%
03	17%
04	19%
05	12%
06	16%
07	8%
08	11%
09	3%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2015.

Sale Specific Conditions & Requirements

Sale Name: Tatrows Marsh Sale Number: 41-007-10-01

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (12/08)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Do not cut painted boundary line trees unless also marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-8, red and white pine are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, all other species except oak and hemlock which meet minimum piece specifications are designated for cutting.

Within Payment Unit 9 all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 3 and 6 shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is in order to facilitate planting operations.

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1-8, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted.

2.4 - Special Protection

2.4.2 - Reserve trees (1/09)

The Purchaser shall not cut live or dead reserve trees within cutting units or clearings. Reserve trees are oak and hemlock if they occur. The Purchaser shall protect reserve trees from damage by the Purchaser's operations. If the Purchaser's operations have cut or damaged reserve trees through carelessness, the Purchaser shall pay \$100 as fixed, agreed and liquidated damages for each reserve tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

3 - Payments

3.6 - Payment Unit Cutting Schedule

3.6.1 - Order of cutting (1/09)

Payment Units shall be cut in the following order. Units 3 and 6 must be cut before any other Units can be started. This is to allow for regeneration of the stands before temporary roads are removed unless approved by the Unit Manager or his/her representative.

4 - Transportation

4.1 - Construction

4.1.1 - Stream crossings, general (2/04)

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 purchaser.

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.

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate

from other designated timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

4.1.5 - Culverts (8/10)

Roads may require the installation of culverts at cross drainages on wet soils, or across natural drainage-ways. Culverts shall be placed in locations specified by the sale administrator and shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 16 inches in diameter and 24 feet in length. Culverts shall be installed prior to use of the road. 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 purchaser.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 5 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. 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. Contact the sale administrator for specific details of design and placement. In addition, all fill placed in wetland marshes will need to be removed prior to sale closure.

4.4 - Access

4.4.1 - Private property access (8/10)

Permission for access across private land is the responsibility of the purchaser. Should the purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR. Permission to cross private land must include access for DNR representatives to inspect the sale at any time.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (12/08)

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.

5.1.4 - Post-sale conference (9/09)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (2/04)

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

5.2.3 - Operating Restrictions

5.2.3.9 - Beech hauling restriction (8/09)

American beech wood products with bark still attached, other than chips, are not to be transported from stands infested with beech bark disease to or through uninfested beech areas from July 15 to November 15. Beech scale is mobile at this time of year and can move from infested wood to live beech. (See Map of current beech scale distribution on the DNR Forest Health Website, www.michigan.gov/dnr.)

5.2.4 - Dead and Down Creation

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

5.2.17 - Crane Mats/Timber Mats (9/11)

Some roads or skid trails may require extra protection such as that afforded by Crane Mats/Timber Mats. If available, Crane Mats/Timber Mats may be borrowed from the DNR and are located at the Marquette OSC and the Grayling Field Office. Contact the sale administrator for specific details. A timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's Crane Mats/Timber Mats. It is the responsibility of the Purchaser to contact the sale administrator to schedule pick up and drop off. In addition, all mats must be cleaned prior to drop off. A charge of \$125.00 will be assessed for all damaged or non-returned mats. Damage is defined as misuse resulting in three or more broken cants.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (12/04)

It is recommended, but not required, that within Payment Unit(s) 1-8, cutting, skidding, and hauling occur during frozen winter conditions. This restriction is due to the marsh crossings.

5.2.30 - Landing/road top soil protection (1/09)

Top soil at landings and new roads must be stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed over the area to be re-vegetated.

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.

5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within marsh complexes except at approved locations. Any fill placed in these approved locations must be removed. Care must be taken by the purchaser to identify and avoid operating in these areas of the timber sale.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (4/09)

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

7 - Other Conditions

7.3 - Contract Modifications

7.3.1 - Emerald Ash Borer

7.3.1.2 - Emerald ash borer, ash or firewood on sale (2/05)

There is ash and/or "firewood" in this sale and it is located within an emerald ash borer quarantined area. The Director of the Michigan Department of Agriculture (MDA) by the authority of Act No. 72 of the Public Acts of 1945, as amended, and Quarantine Regulation No. 620, has promulgated this quarantine to prevent the further spread of this pest and sets forth: definitions, regulated articles, regulated areas, conditions of movement, violations and penalties, and special exemptions. The purchaser must comply with this quarantine. Contact the MDA for further information.

7.3.3 - Modification for reforestation (8/05)

When contractual work of Purchaser has been accepted for any Payment Unit identified on Sale Area Map, Payment Unit will be eliminated from the Sale Area on written notice so that reforestation operations can begin.

Section Name: Sale Specific Current as of 7/12/2012 8:19:32AM

Forest Management

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

TIMBER SALE MAP

Sale Number 41-007

Year 10

This information provided by authority of Part 525 of Act 451, PA 1994, as amended. Forest Management Unit County Date Page Mapped By B. Burnham of Shingleton Schoolcraft Cruised By Burnham, Burnis, Petrelius 8/20/2010 Range Township Section(s) and Subdivision(s) (T43N R15W Sec 3 NWNE) 44N 15W 21 W1/2SW, SESW; 26 SWSW; 27 NW1/4, SW1/4, W1/2SE, SESE Scale: | ... 2 inches...... | = 1 mile 28 NENE, W1/2NE, E1/2NW, SWSW, SESE, NWSE;

34 NE1/4,E1/2NW,NWNW,SE1/4,E1/2SW,NWSW;35 NWNW **Cover Type** Density U = Upland Brush V = Bog or Marsh W = White Pine G = Grass 5 = Pole Timber Medium A = Aspen O = Oak 0 = Non Stocked B = Paper Birch H = Hemlock P = Lowland Poplar 1 = Seedling Sapling Poor 6 = Pole Timber Well C = Cedar J = Jack Pine Q = Mixed Swamp Cnfr 2 = Seedling Sapling Medium 7 = Saw Timber Poor R = Red Pine S = Black Spruce D = Treed Bog E = Swamp Hdwoods L = Lowland Brush M = Mpl, Bch, Brch X = Non Stocked 3 = Seedling Sapling Well 8 = Saw Timber Medium Z = Water 4 = Pole Timber Poor 9 = Saw Timber Well F = Spruce Fir N = Marsh T = Tamarack Tatrow's Marsh 287 Acres

BID FORM

MIDDLE EARTH: A COMPLEX (41-017-11-01)

T45N, R16W, SEC. 17; T45N, R16W, SEC. 20; T45N, R16W, SEC. 21; T45N, R16W, SEC. 28, Schoolcraft County

In response to the notice of sale to be held 10:00 a.m. (local time) on August 22, 2012, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	ESTIMATE	O UNITS*	AD\	/ERTISED PRICE	BID PF	RICE
Sawlogs						
Red Pine	42.30	MBF	\$	64.00 / MBF	\$	/ MBF
Pulpwood						
Balsam Fir	290.00	Cords	\$	9.25 / Cord	\$	/ Cord
Black Spruce	221.00	Cords	\$	13.40 / Cord	\$	/ Cord
Mixed Aspen	675.00	Cords	\$	12.50 / Cord	\$	/ Cord
Mixed Hardwood	718.00	Cords	\$	10.80 / Cord	\$	/ Cord
N. W. Cedar	639.00	Cords	\$	10.80 / Cord	\$	/ Cord
Paper Birch	377.00	Cords	\$	8.55 / Cord	\$	/ Cord
Red Pine	108.00	Cords	\$	28.70 / Cord	\$	/ Cord
White Pine	221.00	Cords	\$	10.70 / Cord	\$	/ Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$2,927.30:

PRODUCTS & SPECIES	ESTIMATED UNITS*	AD\	/ERTISED PRICE
Sawlogs			
Red Maple	9.70 MBF	\$	64.00 / MBF
White Pine	62.90 MBF	\$	20.00 / MBF
Pulpwood			
Tamarack	90.00 Cords	\$	11.65 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 8.41 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 SECU	JRITY NUMBER:						
	Company or individual bidding:								
	Company representative's name:								
	Address:								
	City:	State:	Zip:						
AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.									
ndividual	dividual or company representative's signature: Date:								
hone nu	ımber :	Email (d	optional):						



Title

Michigan Department of Natural Resources & Environment Forest Management Division

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	DISABILI	TY COM	PENSATION	ON 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	r written si	gnatures.					
Ple	ease 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. 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 mus t than yourself, including family members and act					s, other		
	Full-time Employees	ř.		-	Part-time Employees	i		
Nam	e of Business		Federal ID	(or) Social Se	Security No.			
Addı	ress		Telephone ()				
City	State		ZIP					
000	ereby certify that the above information is true an ur in factors affecting my coverage during any of Signature of Owner or Authorized Representative					es that		
	The state of the s							

Date

EEDERAL ID:

BID FORM

TATROWS MARSH (41-007-10-01)

T44N, R15W, SEC. 21; T44N, R15W, SEC. 27; T44N, R15W, SEC. 28; T44N, R15W, SEC. 34, Schoolcraft County

In response to the notice of sale to be held 10:00 a.m. (local time) on August 22, 2012, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	ESTIMATED	UNITS*	ADVI	ERTISED PRICE	BID PRICE	<u>.</u>
Sawlogs						
Red Pine	303.40	MBF	\$	98.00 / MBF	\$	_ / MBF
Pulpwood						
Black Spruce	833.00	Cords	\$	24.25 / Cord	\$	_ / Cord
Jack Pine	1,158.00	Cords	\$	42.40 / Cord	\$	/ Cord
Red Pine	866.00	Cords	\$	46.75 / Cord	\$	/ Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$19,150.85:

PR	ODUCTS & SPECIES	<u>ESTIMATE</u>	D UNITS*	ADVI	ERTISED PRICE
Sa	wlogs				
	White Pine	93.60	MBF	\$	33.00 / MBF
Pu	pwood				
	Balsam Fir	8.00	Cords	\$	20.10 / Cord
	Beech	16.00	Cords	\$	6.30 / Cord
	Mixed Aspen	57.00	Cords	\$	23.45 / Cord
	Mixed Hardwood	137.00	Cords	\$	18.60 / Cord
	N. W. Cedar	13.00	Cords	\$	19.70 / Cord
	Paper Birch	44.00	Cords	\$	13.95 / Cord
	Red Maple	240.00	Cords	\$	11.35 / Cord
	Tamarack	104.00	Cords	\$	20.50 / Cord
	White Pine	331.00	Cords	\$	18.70 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 11.49 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.

or SOCIAL SECURITY NUMBER:

		0: 000;; := 0=0			
	Company or individual bidding:				
	Company representative's name:				
	Address:				
	City:	State:	Zip:		
F AVAIL	ABLE, PLEASE PLACE THE PERSO	NALIZED LABEL FRO	M YOUR PROSPECTUS	IN THE ABOVE BOX.	_
ndividua	or company representative's signatu	ıre:		Date:	
Phone nu	one number : Email (optional):				



Michigan Department of Natural Resources & Environment Forest Management Division

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

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

Signature of Owner or Authorized Representative

Title

As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 525 of Act 451 of 1994, as amended.					
VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE					
•	This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.				
•	In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within 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.			
Please 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. 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. 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. 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.	B. 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				
am	ame of Business	Federal ID (or) Social Security No.			
ddr	ddress	Telephone ()			
ity	State State	ZIP			
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.					

Date