



Dear Prospective Bidders,

We invite you to submit bids on our 2018 timber sales on the Kettle Moraine State Forest – Northern Unit and Other State Lands (OSL) in both Sheboygan and Fond du Lac counties. We are advertising 9 sales which are briefly summarized in the table below. Sealed bids will be received by the DNR Forester in Plymouth up to 2:00 p.m. on ***Wednesday, June 13th, 2018, at the DNR Plymouth Service Center, located at 1155 Pilgrim Rd, Plymouth, WI 53073.*** Bids will be opened at that time. A second bid opening will take place at 2:00 on Thursday, July 19th, 2018 for unsold sales at same address.

| Property | Tract # | Sale Name | Acres | Sale Type | MBF | Pulp (Tons) |
|--------------------|---------|--------------------------|-------|------------|-------|-------------|
| KMSF-NU | 03-17 | Wrestlemania Hardwood | 122 | Mill Scale | 89.86 | 2,120 |
| KMSF-NU | 01-18 | Tittle Lake Hardwood | 22 | Lump Sum | 24.16 | 377 |
| KMSF-NU | 02-18 | Pine Road Conifer | 119 | Mill Scale | 0 | 4,170 |
| KMSF-NU | 03-18 | Little Mud Lake Hardwood | 55 | Lump Sum | 63.24 | 310 |
| KMSF-NU | 04-18 | Greenbush Kettle Conifer | 149 | Mill Scale | 0 | 7,200 |
| KMSF-NU | 05-18 | Auburn Lake Conifer | 96 | Mill Scale | 0 | 9,335 |
| Nichols Creek W.A. | 1-17 | Nichols Creek Hardwood | 92 | Mill Scale | 90.58 | 1,570 |
| Mullet Creek W.A. | 1-18 | Mullet Creek - Hillview | 77 | Mill Scale | 44.18 | 1,420 |
| Mullet Creek W.A. | 1-16 | Mullet Creek - Aspen | 25 | Mill Scale | 0 | 408 |

Species volumes, harvest guidelines, and locations of the sale areas are shown on the timber harvest prospectus and maps.

Please pay special attention to the attached sheet in your timber sale packet labeled “2018 SALE CONDITIONS – ALL SALES”.

These are sale conditions that apply to all sales being advertised this bid opening; examples being bid instructions, performance bonds, pre-sale meetings, insurance/workers comp requirements, water quality BMPS, and forest certification.

In order to place a bid for any of these sales you must use the *Timber Sale Bid* forms (Form 2400-049A) that are enclosed. Acceptable bids will meet or exceed the Total Advertised Value, but individual specie / unit bids may vary providing they meet or exceed \$1.00 per unit and each species / unit must receive a bid. Be sure to sign and supply your name and address on each bid you submit.

Bid Bonds are not required. Winning bidders will have 6 weeks from date of bid opening to submit an acceptable performance bond to the department equal to 15% of the total winning bid amount. If the winning bidder fails to execute the contract and submit an acceptable performance bond, the bidder shall be required to forfeit to the department an amount equal to 10% of the total bid amount. Failure to submit the 10% penalty will result in the bidder being considered ineligible to bid on state timber sales for a two year period.

As noted above, **bids will be accepted by postal mail or in person by the DNR Forester until 2:00 pm on Wednesday, June 13th, 2018.** Bids will be opened immediately thereafter in the Conference Room at the main entrance of the Plymouth Service Center, 1155 Pilgrim Road, Plymouth, WI 53073

We look forward to the bid opening and working with you in the near future. Please feel free to contact us with any questions.

Sincerely,

Adam Zirbel
Forester
1155 Pilgrim Rd.
Plymouth, WI 53073
Email: Adam.Zirbel@Wisconsin.gov
Phone: (920) 893-8547

Tom VandenElzen
Forester
625 E. County Road Y, Suite 700
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Phone: (920) 424-3056

TIMBER SALE PROSPECTUS
KETTLE MORAINÉ STATE FOREST – NORTHERN UNIT
OTHER STATE LANDS (OSL) – SHEBOYGAN & FOND DU LAC COUNTIES
2018 SALE CONDITIONS – ALL SALES

The following sale specifications apply to all sales offered in the 2018
Northern Unit Kettle Moraine State Forest and Other State Land Sheboygan & Fond du Lac Co.
Bid Opening on June 13th, 2018.

Bidding Instructions

- 1) Bid bond not required. Winning bidders will have 6 weeks from the date of the bid opening to submit an acceptable performance bond equal to 15% of the total sale bid value to the Department.
- 2) There is a total minimum sale value; any bids that do not meet the total minimum sale value will be rejected.
- 3) If the winning bidder fails to execute the contract and submit an acceptable performance bond, the bidder shall be required to forfeit to the department an amount equal to 10% of the total bid amount. Failure to forfeit the 10% penalty will result in the bidder being considered ineligible to bid on any state timber sales for a two-year period.

Utilization Requirements

- 1) Trees and top-wood are required to be utilized to a 4-inch diameter top unless otherwise agreed upon between Seller and Purchaser.
- 2) Cordwood: 100" stick to a 4" diameter top.
- 3) Sawlogs: 8' log to a 10" diameter-inside-bark (dib) top.

Contractor and Equipment Operator Requirements

- 1) Pre-sale walkthrough on all blocks required before starting logging activities.
- 2) Prior to commencement of any work under this Contract and during the period of the Contract, the Purchaser shall provide proof of insurance coverage for all forest workers required by this Contract on an original Certificate of Insurance, counter-signed by an insurer licensed to do business in Wisconsin naming the Seller as a Certificate Holder.
- 3) Personal vehicles are not allowed on trails, unless otherwise agreed upon by the Forester and Purchaser.
- 4) The Department reserves the right to deny subcontractors used in the performance of this contract based on past performance on county, state, or federal timber sales, civil or criminal timber theft citations, or when doing so would be in the best interest of the citizens of Wisconsin as determined by the Seller.

Contract Period

- 1) There are contract periods of two (2) years and three (3) years.
- 2) Contracts will be signed within 6 weeks of bid opening.
- 3) Contract extensions will not be granted without reasonable justification.

Special Conditions: Trails

- 1) The Purchaser should be aware of the recreational trail uses in the sale area, including hiking, equestrian, snowmobile, and cross country skiing.
- 2) Signage will be provided by the Purchaser and established at edges of sale area on trails indicating; *Timber Sale Area Ahead* (minimum two inch lettering).
- 3) Trails can be used and crossed at limited locations. Any debris entering trail area within 15 feet of trail surface shall be removed immediately.
- 4) Care will be given to preserve the condition of the trails and all slash must be removed daily from trail surfaces. All slash shall be pulled back a minimum of 15 feet from trail edge prior to completing individual stands.
- 5) All ruts created on recreational trail surfaces shall be repaired daily to the satisfaction of the Seller.

Special Conditions: Invasive Plants

- 1) Off-road logging equipment shall be free of concentrations of plant material and soil prior to entering the sale area. The Purchaser will contact the Seller 48 hours prior to delivering equipment to the sale area to arrange for on-site inspection.

Special Conditions: General

- 1) The locations, building, and maintenance of landings, roads, and accesses are the full responsibility of the purchaser and are always subject to advance approval and under the conditions of the seller. The Forester must be contacted at least 48 hours prior to construction of a landing, road, or access.

TIMBER SALE PROSPECTUS
KETTLE MORAINÉ STATE FOREST – NORTHERN UNIT
OTHER STATE LANDS (OSL) – SHEBOYGAN & FOND DU LAC COUNTIES
2018 SALE CONDITIONS – ALL SALES

- 2) Roads and landings shall be graded and leveled or closed out to the satisfaction of the Seller upon completion of timber sales. Any accesses developed across ditches will be restored to their original condition.
- 3) Trees not designated for harvest shall not be cut without specific authorization from the Department. If a non-designated tree is authorized to be cut, and is greater than 5” in diameter (DBH), it shall be identified, separated at the landings, and not removed from the sale area until scaled and paid for. Any trees cut without prior approval will subject the Purchaser to penalties and fines.
- 4) No woodpiles may be left on the landing for more than 30 days without advance approval of the Seller.
- 5) All spring poles (saplings tipped over from the equipment) will be cut at the base.
- 6) When accessing town roads or highways from a landing, signage will be required to indicate trucks entering roadway.
- 7) Maximum stump height shall not exceed stump diameter.
- 8) Whole-tree skidding will not be permitted unless otherwise agreed upon by Forester and Purchaser
- 9) All trees marked or designated to be cut must be felled unless otherwise agreed upon by the Forester and Purchaser.
- 10) No harvesting during gun deer opening weekend and a period between Thanksgiving and the close of gun deer season.
- 11) All ironwood 5 inches in diameter or greater can be cut and utilized.
- 12) Trees shall not be felled across cutting unit boundaries. Any slash that crosses the red or blue lines shall be pulled back into the sale area immediately.
- 13) Slash shall be lopped and/or scattered evenly across sale area and lie within three (3) feet of the ground.
- 14) Rutting will be monitored and if soil disturbances are considered to be excessive based on the chart below, operations may be suspended and the contractor will be required to repair or mitigate them.

| Infrastructure | Soil disturbances are excessive if: |
|--|--|
| Roads, Landings, Skid Trails, and General Harvest Area | <ul style="list-style-type: none"> ▪ A gully or rut is 6 inches deep or more and is resulting in channelized flow to a wetland, stream, or lake. |
| Roads, Landings, and Primary Skid Trails | <ul style="list-style-type: none"> ▪ In a riparian management zone (RMZ) or wetland, a gully or rut is 6 inches deep or more and 100 feet long or more. ▪ In an upland area (outside of RMZ), a gully or rut is 10 inches deep or more and 66 feet long or more. |
| Secondary Skid Trails and General Harvest Area | <ul style="list-style-type: none"> ▪ Gully or rut is 6 inches deep or more and 100 feet long or more. |

Note: The depth is to be measured from the original soil surface to the bottom of the depression. If individual lug depressions are visible, the depth would be measured to the lesser of the two depths (the "top" of the lug). The length is measured from the start of the "too deep" section to the end of the "too deep" section. Measurements are not cumulative.

Special Conditions: Coarse Woody Debris

- 1) Existing snags and downed coarse woody debris will not be utilized and care will be taken to avoid damage with logging equipment.

Special Conditions: Training

- 1) To promote maximum benefit to the environment, the health and welfare of our logging contractors, and to adhere to requirements of forest certification standards, effective January 1, 2006 the State of Wisconsin will require training of its logging contractors. Successful purchasers of Kettle Moraine State Forest stumpage will need to ensure that the actual logging contractor complies with the Wisconsin Sustainable Forestry Initiative (SFI) Training Standard as adopted by the Wisconsin SFI Implementation Committee (SIC). Criteria for the standard can be found at the website www.fistausa.org/sfi_standards or by contacting the Forest Industry Safety & Training Alliance (FISTA). FISTA can provide documentation to the contractor confirming completion of the training standard. This will be required prior to starting sale (contract signing).

TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST TRACT NO. 03-17
WRESTLEMANIA HARDWOODS SALE

Township 14 North, Range 20 East, Town of Mitchell, Sheboygan County
 Section 30 – SWSE, NESE, SENE, SWNE, NWNE, NENE
 Section 19 – SESE

- The cutting area is approximately **122 acres**.
- Harvest shall occur between **September 1st and March 15th** of any calendar year
- The contract period will be **3 years**.
- All trees that are marked or designated to be cut shall be utilized to a **4" top diameter**.
- **"Scaled Sale"** on Sawtimber and Pulpwood.

| ESTIMATED VOLUME | |
|---------------------------|-------------------------|
| Species / Products | Estimated Volume |
| Sawlogs | |
| | MBF |
| Ash | 38.71 |
| Red Oak | 18.16 |
| Mixed Hardwood* | 13.55 |
| Sugar (Hard) Maple | 10.56 |
| Basswood | 4.58 |
| White Oak | 4.30 |
| TOTAL MBF | 89.86 |
| Pulpwood | |
| | Tons*** |
| Aspen | 925 |
| Mixed Hardwood** | 550 |
| Spruce | 380 |
| Oak | 170 |
| White Pine | 95 |
| TOTAL TONS | 2,120 |

*Mixed Hardwood MBF – 30% Birch, 24% Hickory, 18% Red Maple, 14% Cherry, 13% Elm, 1% Beech

**Mixed Hardwood Pulp – 44% Ash, 15% Sugar Maple, 12% Birch, 8% Elm, 7% Hickory, 6% Red Maple, 5% Cherry, 3% Basswood.

*Estimated tons are to a 4-inch top diameter and include top-wood.

Sale Type & Payment Instructions

This is a scaled sale on both Sawlogs (MBF) and Pulp (Tons). Payment for all products removed from the site must be made within 30 days from the time of billing under the deferred payment option.

Sale Access and Landings

Potential sale access and landing are off County Rd. F. Sites and designated skid trails have been identified, but will be agreed upon by the Forester and Logger. Accesses along County Highways may require county temporary culvert permits; which will be the responsibility of the Purchaser.

Purpose of Sale

The management objective for the majority of the harvest acreage is to maximize vigor and tree health by lowering basal area stocking using a single tree selection (97 acres). Ash was targeted for accelerated removal due to likely mortality by Emerald Ash Borer. Within aspen coppice areas (19 acres); management objective is to regenerate early successional species using even aged coppice regeneration harvests. Two small conifer plantations (6 acres) were also designated to be clearcut, with a goal of converting site to hardwoods relying on advanced hardwood regeneration and future planting.

TIMBER SALE PROSPECTUS
KETTLE MORaine STATE FOREST TRACT NO. 03-17
WRESTLEMANIA HARDWOODS SALE

General Cutting Requirements

- 1) Orange Paint denotes trees to be cut.
- 2) Red Paint denotes the harvest unit boundaries.
- 3) Blue Paint denotes private land boundaries.
- 4) Purple Paint denotes aspen coppice boundaries. Within Purple Paint cut all stems greater than 2 inch diameter. Reserve all green painted trees.
- 5) Yellow Paint denotes conifer clearcut boundaries. Within yellow paint boundary cut all conifers, ash, and aspen. Reserve all green painted conifers and all other hardwoods.
- 6) Green Paint denotes reserve trees within coppice and clearcut boundaries.
- 7) Maximum stump height shall not exceed stump diameter.

Special Operating Requirements.

- 1) Harvesting and forwarding shall only occur between September 1st and March 15th to avoid impact to threatened / endangered species nesting periods.
- 2) No harvesting during gun deer opening weekend and a period between Thanksgiving and the close of gun deer season.
- 3) Logging operations can only occur during dry or frozen soil conditions. Portions (identified on map) may require frozen ground to seasonally saturated soil conditions.

Conversion Factors

- 1) The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood cordwood may be developed by weighted average of cruise estimates based on species volume distribution and or ocular estimates.

CORDWOOD WEIGHT CONVERSION FACTORS
POUNDS PER CORD

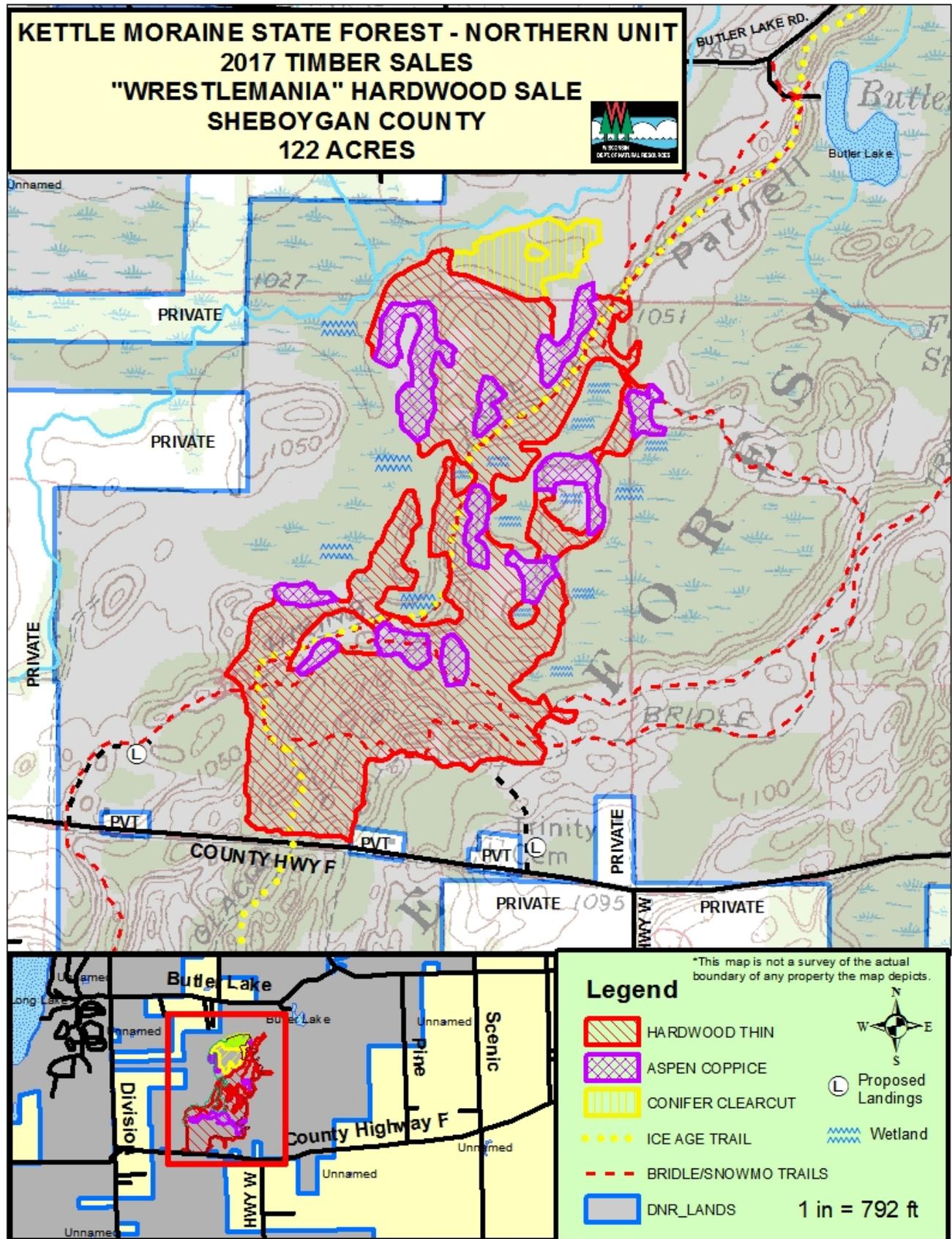
| <u>Species</u> | <u>Weight (lbs)</u> | <u>Weight (Tons)</u> |
|-----------------------|----------------------------|-----------------------------|
| Aspen | 4500 | 2.250 |
| Mixed Hardwood | 4640 | 2.320 |
| Spruce | 4000 | 2.000 |
| Oak | 5560 | 2.780 |
| White Pine | 4200 | 2.100 |

- 2) conversion of MBF (thousand board feet) to cords or cords to MBF shall be 2.20 cords per MBF for hardwoods and 2.44 Cords per MBF for conifers. The Scribner Decimal C Log Rule shall be used for scaling logs

Special Conditions: Forest Health

- 1) The sale area is located within Sheboygan County, which is in the emerald ash borer quarantine zone. The logger should be aware of and comply with relevant EAB quarantine regulations.

TIMBER SALE PROSPECTUS
KETTLE MORaine STATE FOREST TRACT NO. 03-17
WRESTLEMANIA HARDWOODS SALE



Notice: Completion of this form is mandatory. The Department will not recognize your bid unless you complete and submit this form. Personal information collected will be used for program administration and may be provided to requesters as required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

| |
|------|
| Date |
|------|

| |
|-------------|
| Bidder Name |
|-------------|

| | | | |
|----------------|------|-------|----------|
| Street Address | City | State | ZIP Code |
|----------------|------|-------|----------|

| | |
|--|----------------------|
| Property Name (if any) Northern Unit Kettle Moraine State Forest (Wrestlemania Hardwoods) | Tract Number 3-17 |
|--|----------------------|

| | |
|--|---|
| Date and Hour of Bid Opening Wednesday, June 13th, 2018 @ 2:00 PM - Plymouth Service Center | Minimum Acceptable Bid (optional) \$ 24,081.76 |
|--|---|

| Species-All bids including Lump Sum bids must be by species | Utilization Specifications | Advertised Value Per Unit (optional) | Estimated Volume | Volume Units | Price Bid Per Unit | Total Bid Value on Estimated Volume |
|--|-------------------------------|--|---------------------|-----------------|-----------------------|---|
| Ash | Sawtimber | | 38.71 | MBF | | |
| Red Oak | Sawtimber | | 18.16 | MBF | | |
| Mixed Hardwood | Sawtimber | | 13.55 | MBF | | |
| Sugar (Hard) Maple | Sawtimber | | 10.56 | MBF | | |
| Basswood | Sawtimber | | 4.58 | MBF | | |
| White Oak | Sawtimber | | 4.3 | MBF | | |
| Aspen | Pulpwood | | 925 | Tons | | |
| Mixed Hardwood | Pulpwood | | 550 | Tons | | |
| Spruce | Pulpwood | | 380 | Tons | | |
| Oak | Pulpwood | | 170 | Tons | | |
| White Pine | Pulpwood | | 95 | Tons | | |

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

- | | |
|--|---|
| <input type="radio"/> Cash | <input type="radio"/> Assurance Bond |
| <input type="radio"/> Personal Check | <input type="radio"/> Certificate of Deposit |
| <input type="radio"/> Certified Check/Money Order | <input type="radio"/> Assignment of Savings Account |
| <input type="radio"/> Irrevocable Letter of Credit | |

I understand that any or all bids may be rejected and that consideration and awarding of a contract will be based upon my past performance and ability to complete contracts. **I also understand that if I am the winning bidder, I have 6 weeks from the date of the bid opening to submit an acceptable performance bond. I also understand that if I am awarded the contract and fail to execute it or work under it, I will be required to forfeit to the Department an amount equal to 10% of my total bid amount.** Failure to forfeit the 10% penalty will result in being considered ineligible to bid on any state timber sales for a two-year duration. In the event the highest bidder can not or will not sign the contract, the award will be made to the next highest qualified bid.

Notice: I understand:

Utilization specifications and estimated volumes are listed in the prospectus which is available upon request from the Department.

A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

Signature of Bidder

Bidder's Name (Please Print or Type)

Phone Number (include area code)

Email Address (optional)

TIMBER SALE PROSPECTUS
KETTLE MORaine STATE FOREST TRACT NO. 01-18
TITTLE LAKE HARDWOOD SALE

Township 14 North, Range 19 East, Town of Osceola, Fond du Lac County
Section 12 – SENW, SESW

- The cutting area is approximately **22 acres**.
- Harvest shall occur **during dry or frozen ground conditions between Sept. 1st and March 15th** of any calendar year.
- The contract period will be **2 years**.
- All trees that are marked or designated to be cut shall be utilized to a **4" top diameter**.
- **"Lump Sum Sale"** on Sawtimber and Pulpwood.
- Bid bond not required. See procedures under Bidding Instructions.
- 15% of the total sale bid value will be required as performance bond and is due within 6 weeks of bid opening.

| ESTIMATED VOLUME | |
|---------------------------|-------------------------|
| Species / Products | Estimated Volume |
| Sawlogs | MBF |
| Red Oak * | 11.04 |
| Ash | 10.74 |
| Mixed Hardwood** | 2.38 |
| TOTAL MBF | 24.16 |
| | |
| Pulpwood | Tons**** |
| Mixed Hardwood*** | 220 |
| Aspen | 110 |
| Oak | 47 |
| TOTAL TONS | 377 |

*Red Oak Logs- 95% Red Oak, 5% White Oak

**Mixed Hardwood Logs – 55% Hard Maple, 36% Basswood, 7% Hickory, 2% Black Cherry

***Mixed Hardwood Pulp – 64% Ash, 20% Hard Maple, 7% Basswood, 5% White Birch, 3% Elm, 1% Hickory

****Estimated tons are to a 4-inch top diameter and include top-wood.

Sale Type & Payment Instructions

This is a lump sum sale on both Sawlogs (MBF) and Pulp (Tons). A 50% advanced stumpage payment shall be required prior to any harvest activities. A second 50% stumpage payment is required when administrating forester determines ½ of sale area has been harvested.

Sale Access and Landings

Potential sale access and landings are off State Hwy 67 and are identified on sale map. Landing sites and designated skid trails have been identified, but will be agreed upon by the Forester and Logger. Accesses along County/State Highways may require county temporary culvert permits; which will be the responsibility of the Purchaser.

Purpose of Sale

The management objective for most of the harvest acreage is to maximize vigor and tree health by lowering basal area stocking using intermediate thinning / single tree selection. Ash was targeted for accelerated removal due to likely mortality by Emerald Ash Borer. Within aspen coppice areas (2 acres), management objective is to regenerate early successional species using even aged coppice regeneration harvests. In the Ash Clearcut area, a 2-acre ash plantation will be clearcut to release advanced northern hardwood regeneration that has become established in the understory.

TIMBER SALE PROSPECTUS
KETTLE MORaine STATE FOREST TRACT NO. 01-18
TITTLE LAKE HARDWOOD SALE

General Cutting Requirements

- 1) **HARDWOOD THIN Areas:** Orange Paint slash denotes trees to be harvested.
- 2) **ASPEN COPPICE Areas:** Within Purple Paint cut all stems greater than 2 inches in diameter.
- 3) **ASH CLEARCUT Area:** Within Purple Paint harvest all merchantable ash trees
- 4) Purple Paint denotes clearcut/coppice boundaries.
- 5) Red Paint denotes harvest area boundary.
- 6) Blue Paint denotes private land boundary
- 7) Maximum stump height shall not exceed stump diameter.
- 8) Whole-tree skidding will not be permitted unless otherwise agreed upon by Forester and Purchaser
- 9) All trees marked or designated to be cut must be felled unless otherwise agreed upon by the Forester and Purchaser.
- 10) All ironwood 5 inches in diameter or greater can be cut and utilized.
- 11) Trees shall not be felled across cutting unit boundaries. Any slash that crosses the red or blue lines shall be pulled back into the sale area immediately.
- 12) Slash shall be lopped and/or scattered evenly across sale area and lie within three (3) feet of the ground.

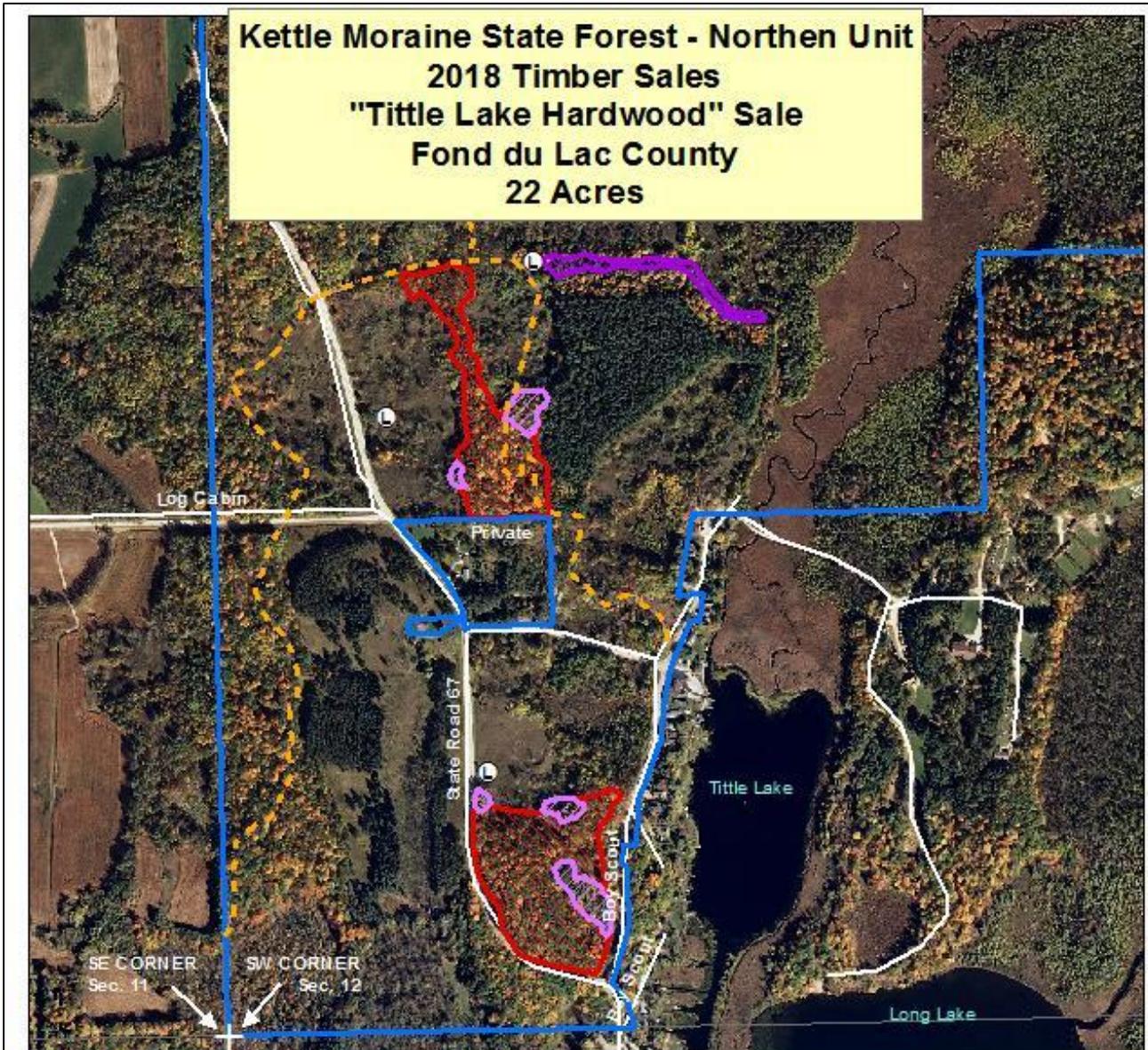
Special Operating Requirements.

- 1) Trails can be used and crossed at limited locations. Any debris entering trail area within 15 feet of trail surface shall be removed immediately.
- 2) Harvesting and forwarding shall only occur during dry or frozen ground conditions between Sept. 1st and March 15th of any calendar year to avoid impact to threatened / endangered species and mitigate oak wilt infection.
- 3) No harvesting during gun deer opening weekend and a period starting Thanksgiving through the close of the 9-day traditional gun deer season.

Special Conditions: Forest Health

- 1) The sale area is located within Fond du Lac County, which is in the emerald ash borer quarantine zone. The logger should be aware of and comply with relevant EAB quarantine regulations.

TIMBER SALE PROSPECTUS
KETTLE MORaine STATE FOREST TRACT NO. 01-18
TITTLE LAKE HARDWOOD SALE



- Legend**
-  HARDWOOD THIN
 -  ASPEN COPPICE
 -  ASH CLEARCUT
 -  Private Line
 -  Potential Landings
 -  Snowmobile Trails


 1 inch = 707 feet



*This map is not a survey of the actual boundary of any property the map depicts.

Notice: Completion of this form is mandatory. The Department will not recognize your bid unless you complete and submit this form. Personal information collected will be used for program administration and may be provided to requesters as required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

| |
|------|
| Date |
|------|

| | | | |
|-------------|--|--|--|
| Bidder Name | | | |
|-------------|--|--|--|

| | | | |
|----------------|------|-------|----------|
| Street Address | City | State | ZIP Code |
|----------------|------|-------|----------|

| | |
|--|----------------------|
| Property Name (if any) Northern Unit Kettle Moraine State Forest (Tittle Lake Hardwood) | Tract Number 1-18 |
|--|----------------------|

| | |
|---|--|
| Date and Hour of Bid Opening Wednesday June 13th, 2018 @ 2:00 PM - Plymouth Service Center | Minimum Acceptable Bid (optional) \$ 4,605.38 |
|---|--|

| Species-All bids including Lump Sum bids must be by species | Utilization Specifications | Advertised Value Per Unit (optional) | Estimated Volume | Volume Units | Price Bid Per Unit | Total Bid Value on Estimated Volume |
|--|-------------------------------|--|---------------------|-----------------|-----------------------|---|
| Red Oak | Sawtimber | | 11.04 | MBF | | |
| Ash | Sawtimber | | 10.74 | MBF | | |
| Mixed Hardwood | Sawtimber | | 2.38 | MBF | | |
| Mixed Hardwood | Pulpwood | | 220 | Tons | | |
| Aspen | Pulpwood | | 110 | Tons | | |
| Oak | Pulpwood | | 47 | Tons | | |

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

- | | |
|--|---|
| <input type="radio"/> Cash | <input type="radio"/> Assurance Bond |
| <input type="radio"/> Personal Check | <input type="radio"/> Certificate of Deposit |
| <input type="radio"/> Certified Check/Money Order | <input type="radio"/> Assignment of Savings Account |
| <input type="radio"/> Irrevocable Letter of Credit | |

I understand that any or all bids may be rejected and that consideration and awarding of a contract will be based upon my past performance and ability to complete contracts. **I also understand that if I am the winning bidder, I have 6 weeks from the date of the bid opening to submit an acceptable performance bond. I also understand that if I am awarded the contract and fail to execute it or work under it, I will be required to forfeit to the Department an amount equal to 10% of my total bid amount.** Failure to forfeit the 10% penalty will result in being considered ineligible to bid on any state timber sales for a two-year duration. In the event the highest bidder can not or will not sign the contract, the award will be made to the next highest qualified bid.

Notice: I understand:

Utilization specifications and estimated volumes are listed in the prospectus which is available upon request from the Department.

A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

| |
|--------------------------------------|
| Signature of Bidder |
| Bidder's Name (Please Print or Type) |
| Phone Number (include area code) |
| Email Address (optional) |

TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST TRACT NO. 02-18
PINE ROAD CONIFER SALE

Township 15 North, Range 20East, Greenbush Township, Sheboygan County
 Section 20 – SESE, NWSE, NESE, SENW; Section 21 – SWSW, NWSW, SWNW, NWNW;
 Section 29 – NENE, NWNE

- The cutting area is approximately **119 acres**.
- Harvest is split into 4 cutting units; each with unique seasonal restrictions and prescriptions, please see “General Cutting Requirements” below. Entire sale will be restricted to **dry or frozen** soil conditions
- The contract period will be **3 years**.
- “**Mill Scaled Sale**” on all Pulpwood.
- **Heterobasidion root disease (HRD-formerly Annosum Root Rot) prevention measures will be required on all conifers.**
- All **ash, box elder, and elm** are designated for harvest in all thinning units.

| ESTIMATED VOLUME | |
|--------------------|------------------|
| SPECIES / PRODUCTS | ESTIMATED VOLUME |
| Pulpwood | TONS |
| Red Pine | 1600 |
| Spruce | 1550 |
| White Pine | 700 |
| Mixed Hardwood* | 320 |
| TOTAL TONS | 4170 |

*Mixed Hardwood Pulp – 55% Ash, 40% Box Elder, 5% Elm

Sale Type & Payment Instructions.

This is a mill scaled sale on Pulpwood (Tons). Payment for all products removed from the site must be made within 30 days from the time of billing under the deferred payment option.

Sale Access and Landings

Sale access is off multiple sites off County Hwy. V and Pine Road. Access and landings have been identified, but will be agreed upon by the Forester and Logger. Accesses along County/State Highways may require county temporary culvert permits; which will be the responsibility of the Purchaser.

Purpose of Sale

The management objective for most of the conifer stands (113 acres) is to reduce density through even aged thinning to control spacing and density, improve stand health / vigor, and release future crop trees. A 6-acre even aged stand of declining / diseased red pines was also designated to be clearcut, with a goal of converting site to hardwoods relying on advanced hardwood regeneration and future planting.

General Cutting Requirements

- 1) **UNIT A – OAK / CONIFER ROW THINNING UNITS (GREEN on MAP – 43 acres)** – Harvest every other conifer row (50%) out of these mixed oak /conifer plantations and all ash, elm, and box elder. A 14-acre white pine / oak plantation in southwest area (see map), only harvest pines marked with orange paint and all ash, box elder, and elm. Seasonal Restriction: harvest restricted to a period between **July 15th and April 1st** of any calendar year for oak wilt prevention.

TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST TRACT NO. 02-18
PINE ROAD CONIFER SALE

- 2) **UNIT B – NORWAY SPRUCE THINNING UNITS (YELLOW on MAP - 37 acres)** - Cut all trees marked with an ORANGE PAINT slash and all ash, elm, and box elder. In un-thinned stand in northwest corner harvest rows indicated with ORANGE double dots and individual trees marked with ORANGE paint slashes. *No seasonal restrictions.*
- 3) **UNIT C – RED & WHITE PINE THINNING UNITS (RED on MAP - 33 acres)** – Cut all trees marked with an ORANGE PAINT slash and all ash, elm, and box elder. Seasonal Restriction: harvest restricted to a period between *September 1st and March 15th* of any calendar year to avoid endangered/threatened bird nesting season.
- 4) **UNIT D – RED PINE CLEARCUT UNITS (PURPLE on MAP - 6 acres)** – Harvest all trees greater than 2” within PURPLE PAINT boundaries. Reserve all GREEN PAINTED trees. Seasonal Restriction: harvest restricted to a period between *September 1st and March 15th* of any calendar year to avoid endangered/threatened bird nesting season.

Special Operating Requirements.

- 1) Logging operations can only occur during dry or frozen soil conditions.
- 2) No harvesting during gun deer opening weekend and a period starting Thanksgiving through the close of the 9-day traditional gun deer season.

Conversion Factors

- 1) The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood cordwood may be developed by weighted average of cruise estimates based on species volume distribution and or ocular estimates.

**CORDWOOD WEIGHT CONVERSION FACTORS
POUNDS PER CORD**

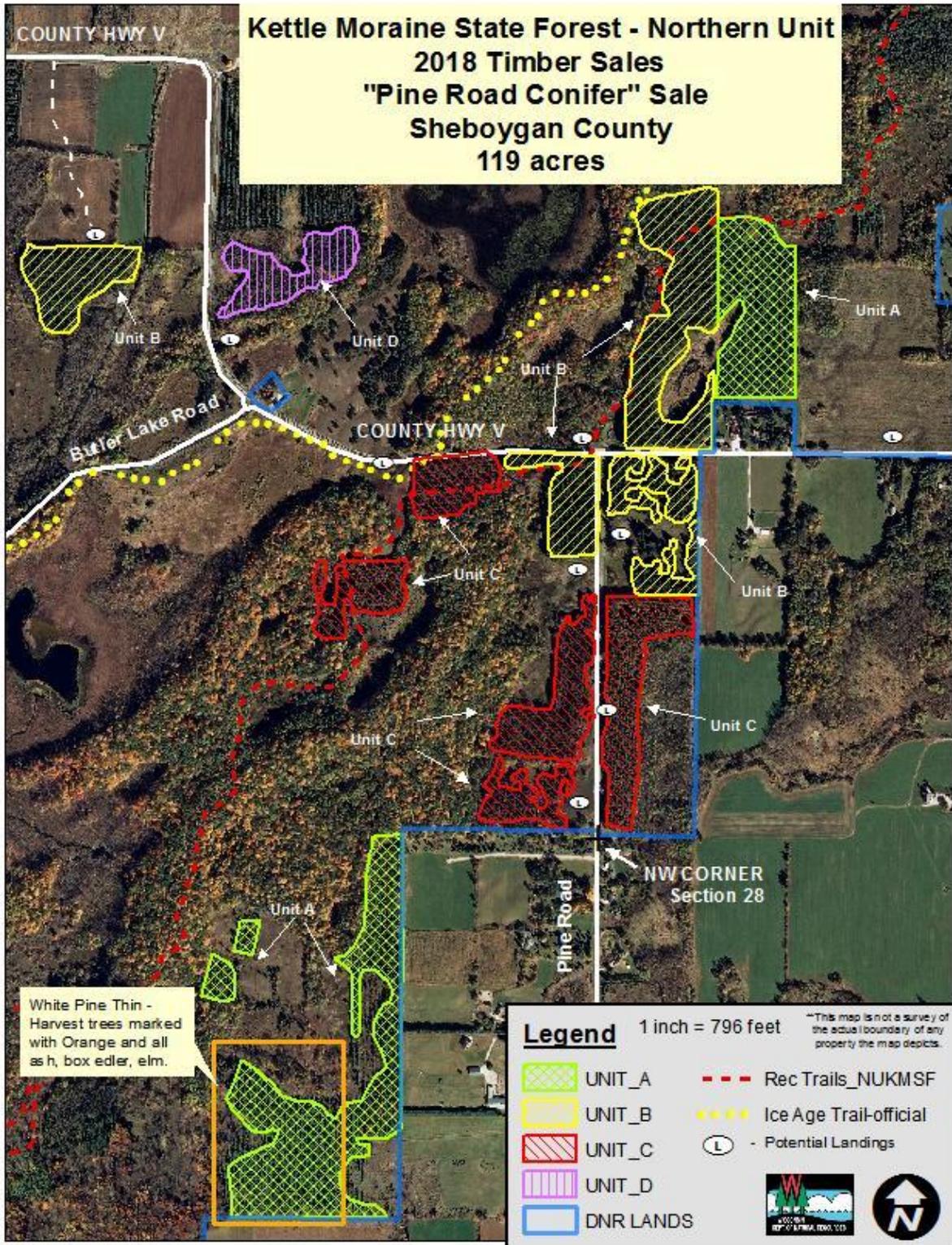
| <u>Species</u> | <u>Weight (lbs.)</u> | <u>Weight (Tons)</u> |
|----------------|----------------------|----------------------|
| Red Pine | 4500 | 2.250 |
| Spruce | 4000 | 2.000 |
| White Pine | 4200 | 2.100 |
| Mixed Hardwood | 4580 | 2.290 |

- 2) Conversion of MBF (thousand board feet) to cords or cords to MBF shall be 2.20 cords per MBF for hardwoods. Conversion of MBF (thousand board feet) to cords or cords to MBF shall be 2.44 cords per MBF for softwoods. The Scribner Decimal C Log Rule shall be used for scaling logs.

Special Conditions: Forest Health

- 1) Heterobasidion root disease (HRD-formerly Annosum Root Rot). This sale requires the Purchaser to complete Heterobasidion root disease (HRD) (formerly Annosum Root Rot) preventative treatment between 4/1 – 11/30 on all conifers. Treatment must be performed by a Certified Pesticide Applicator. Treatment involves chemically treating all fresh-cut stumps of conifers of merchantable size by applying either Rotstop C or CELLU-TREAT (disodium octaborate tetrahydrate). Treatment should be made as soon as possible and no later than one day after harvest and a dye product shall be added to liquid solutions for inspection purposes. The cost of this application can vary based on application method and harvest conditions, but should be considered when submitting bids on these timber sales.
- 2) The sale area is located within Sheboygan County, which is in the emerald ash borer quarantine zone. Purchaser should be aware of and comply with relevant EAB quarantine regulations.

TIMBER SALE PROSPECTUS
KETTLE MORAINNE STATE FOREST TRACT NO. 02-18
PINE ROAD CONIFER SALE



Notice: Completion of this form is mandatory. The Department will not recognize your bid unless you complete and submit this form. Personal information collected will be used for program administration and may be provided to requesters as required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

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|------|
| Date |
|------|

| | | | |
|-------------|--|--|--|
| Bidder Name | | | |
|-------------|--|--|--|

| | | | |
|----------------|------|-------|----------|
| Street Address | City | State | ZIP Code |
|----------------|------|-------|----------|

| | |
|---|----------------------|
| Property Name (if any) Northern Unit Kettle Moraine State Forest (Pine Road Conifer) | Tract Number 2-18 |
|---|----------------------|

| | |
|---|---|
| Date and Hour of Bid Opening Wednesday June 13th, 2018 @ 2:00 PM - Plymouth Service Center | Minimum Acceptable Bid (optional) \$ 65,707.00 |
|---|---|

| Species-All bids including Lump Sum bids must be by species | Utilization Specifications | Advertised Value Per Unit (optional) | Estimated Volume | Volume Units | Price Bid Per Unit | Total Bid Value on Estimated Volume |
|--|-------------------------------|--|---------------------|-----------------|-----------------------|---|
| Red Pine | Pulwood | | 1,600 | Tons | | |
| Spruce | Pulpwood | | 1,550 | Tons | | |
| White Pine | Pulpwood | | 700 | Tons | | |
| Mixed Hardwood | Pulpwood | | 320 | Tons | | |

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

- | | |
|--|---|
| <input type="radio"/> Cash | <input type="radio"/> Assurance Bond |
| <input type="radio"/> Personal Check | <input type="radio"/> Certificate of Deposit |
| <input type="radio"/> Certified Check/Money Order | <input type="radio"/> Assignment of Savings Account |
| <input type="radio"/> Irrevocable Letter of Credit | |

I understand that any or all bids may be rejected and that consideration and awarding of a contract will be based upon my past performance and ability to complete contracts. **I also understand that if I am the winning bidder, I have 6 weeks from the date of the bid opening to submit an acceptable performance bond. I also understand that if I am awarded the contract and fail to execute it or work under it, I will be required to forfeit to the Department an amount equal to 10% of my total bid amount.** Failure to forfeit the 10% penalty will result in being considered ineligible to bid on any state timber sales for a two-year duration. In the event the highest bidder can not or will not sign the contract, the award will be made to the next highest qualified bid.

Notice: I understand:

Utilization specifications and estimated volumes are listed in the prospectus which is available upon request from the Department.

A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

| |
|--------------------------------------|
| Signature of Bidder |
| Bidder's Name (Please Print or Type) |
| Phone Number (include area code) |
| Email Address (optional) |

TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST TRACT NO. 03-18
LITTLE MUD LAKE HARDWOOD SALE

SWSE, SENW, NWNE, SWSE, SESE of Section 12; SESW, SWSW, SWSE of Section 1
T13N R19E Town of Auburn, Fond du Lac County
NWNE of Section 7
T13N R20E Town of Scott, Sheboygan County

- The cutting area is approximately **55 acres**.
- Harvest shall occur **during dry or frozen ground conditions between Sept. 1st and April 1st** of any calendar year.
- The contract period will be **2 years**.
- All trees that are marked or designated to be cut shall be utilized to a **4” top diameter**.
- **“Lump Sum Sale”** on Sawtimber and Pulpwood.

| ESTIMATED VOLUME | |
|---------------------------|-------------------------|
| Species / Products | Estimated Volume |
| Sawlogs | MBF |
| Red Oak * | 21.50 |
| Hard (Sugar) Maple | 18.22 |
| Ash | 14.44 |
| MX Hardwood ** | 6.56 |
| Basswood | 2.52 |
| TOTAL MBF | 63.24 |
| | |
| Pulpwood | ****Cords |
| Mixed Hardwood*** | 165 |
| Aspen | 65 |
| Oak | 40 |
| Red Pine | 25 |
| Basswood | 15 |
| TOTAL CORDS | 310 |

*Red Oak Logs- 91% Red Oak, 9% White Oak

**Mixed Hardwood Logs – 67% Hickory, 16% Black Cherry, 8% Elm, 5% Soft Maple, 4% White Birch

***Mixed Hardwood Pulp – 40% Hard Maple, 29% Ash, 9% Locust, 8% Elm, 5% Box Elder, 4% Ironwood, 3% Birch, 2% Hickory

****Estimated cords are to a 4-inch top diameter and include top-wood.

Sale Type & Payment Instructions

This is a lump sum sale on both Sawlogs (MBF) and Pulp (Cords). A 50% advanced stumpage payment shall be required prior to any harvest activities. A second 50% stumpage payment is required when administrating forester determines ½ of sale area has been harvested.

Sale Access and Landings

Potential sale access and landings are off County Hwy GGG and County Hwy SS and are identified on sale map. Landing sites and designated skid trails have been identified, but will be agreed upon by the Forester and Purchaser. Accesses along County/State Highways may require county temporary culvert permits; which will be the responsibility of the Purchaser.

Purpose of Sale

The management objective for most of the harvest acreage is to maximize vigor and tree health by lowering basal area stocking using intermediate thinning / single tree selection. Ash was targeted for accelerated removal due to likely mortality by Emerald Ash Borer. Within aspen coppice area (2 acres), management objective is to regenerate early successional species using even aged coppice regeneration harvests.

TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST TRACT NO. 03-18
LITTLE MUD LAKE HARDWOOD SALE

General Cutting Requirements

- 1) **HARDWOOD THIN Areas:** Orange Paint slash denotes trees to be harvested.
- 2) **ASPEN COPPICE Areas:** Within Purple Paint cut all stems greater than 2 inches in diameter.
- 3) Purple Paint denotes clearcut/coppice boundaries.
- 4) Red Paint denotes harvest area boundary.
- 5) Blue Paint denotes private land boundary
- 6) Maximum stump height shall not exceed stump diameter.
- 7) Whole-tree skidding will not be permitted unless otherwise agreed upon by Forester and Purchaser
- 8) All trees marked or designated to be cut must be felled unless otherwise agreed upon by the Forester and Purchaser.
- 9) All ironwood 5" in diameter or greater can be cut and utilized.
- 10) Trees shall not be felled across cutting unit boundaries. Any slash that crosses the red or blue lines shall be pulled back into the sale area immediately.
- 11) Slash shall be lopped and/or scattered evenly across sale area and lie within three (3) feet of the ground.

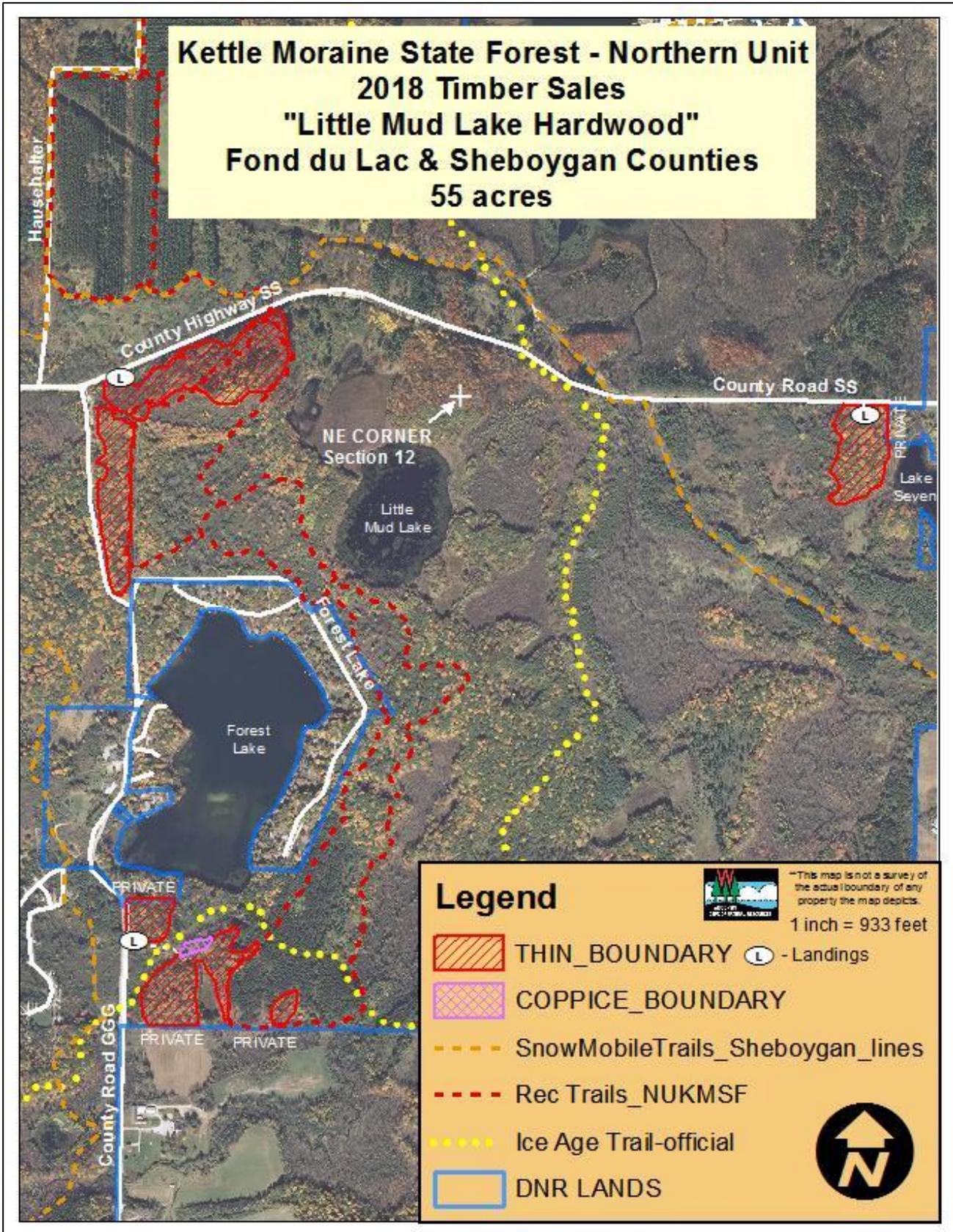
Special Operating Requirements.

- 1) Trails can be used and crossed at limited locations. Any debris entering trail area within 15 feet of trail edge shall be removed immediately.
- 2) Harvesting and forwarding shall only occur during frozen ground conditions between Sept. 1st and April 1st of any calendar year to avoid impact to threatened / endangered species and mitigate oak wilt infection.
- 3) No harvesting during gun deer opening weekend and a period starting Thanksgiving through the close of the 9-day traditional gun deer season.

Special Conditions: Forest Health

- 1) The sale area is located within Fond du Lac and Sheboygan Counties, which are in the emerald ash borer quarantine zone. The logger should be aware of and comply with relevant EAB quarantine regulations.

TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST TRACT NO. 03-18
LITTLE MUD LAKE HARDWOOD SALE



Notice: Completion of this form is mandatory. The Department will not recognize your bid unless you complete and submit this form. Personal information collected will be used for program administration and may be provided to requesters as required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

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| Date |
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| Bidder Name | | | |
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|----------------|------|-------|----------|
| Street Address | City | State | ZIP Code |
|----------------|------|-------|----------|

| | |
|--|----------------------|
| Property Name (if any) Northern Unit Kettle Moraine State Forest (Little Mud Lake Hardwood) | Tract Number 3-18 |
|--|----------------------|

| | |
|---|---|
| Date and Hour of Bid Opening Wednesday June 13th, 2018 @ 2:00 PM - Plymouth Service Center | Minimum Acceptable Bid (optional) \$ 10,223.80 |
|---|---|

| Species-All bids including Lump Sum bids must be by species | Utilization Specifications | Advertised Value Per Unit (optional) | Estimated Volume | Volume Units | Price Bid Per Unit | Total Bid Value on Estimated Volume |
|--|-------------------------------|--|---------------------|-----------------|-----------------------|---|
| Red Oak | Sawtimber | | 21.5 | MBF | | |
| Hard (Sugar) Maple | Sawtimber | | 18.22 | MBF | | |
| Ash | Sawtimber | | 14.44 | MBF | | |
| Mixed Hardwood | Sawtimber | | 6.56 | MBF | | |
| Basswood | Sawtimber | | 2.52 | MBF | | |
| Mixed Hardwoods | Pulpwood | | 165 | Cords | | |
| Aspen | Pulpwood | | 65 | Cords | | |
| Oak | Pulpwood | | 40 | Cords | | |
| Red Pine | Pulpwood | | 25 | Cords | | |
| Basswood | Pulpwood | | 15 | Cords | | |

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

- | | |
|--|---|
| <input type="radio"/> Cash | <input type="radio"/> Assurance Bond |
| <input type="radio"/> Personal Check | <input type="radio"/> Certificate of Deposit |
| <input type="radio"/> Certified Check/Money Order | <input type="radio"/> Assignment of Savings Account |
| <input type="radio"/> Irrevocable Letter of Credit | |

I understand that any or all bids may be rejected and that consideration and awarding of a contract will be based upon my past performance and ability to complete contracts. **I also understand that if I am the winning bidder, I have 6 weeks from the date of the bid opening to submit an acceptable performance bond. I also understand that if I am awarded the contract and fail to execute it or work under it, I will be required to forfeit to the Department an amount equal to 10% of my total bid amount.** Failure to forfeit the 10% penalty will result in being considered ineligible to bid on any state timber sales for a two-year duration. In the event the highest bidder can not or will not sign the contract, the award will be made to the next highest qualified bid.

Notice: I understand:

Utilization specifications and estimated volumes are listed in the prospectus which is available upon request from the Department.

A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

| |
|--------------------------------------|
| Signature of Bidder |
| Bidder's Name (Please Print or Type) |
| Phone Number (include area code) |
| Email Address (optional) |

TIMBER SALE PROSPECTUS
KETTLE MORAINNE STATE FOREST TRACT NO. 04-18
GREENBUSH KETTLE CONIFER SALE

SESW, SWSW, NESW of Section 27; SESE, NWSE, SWSE, NESE of Section 28; SWNW, NWNW of Section 34
T15N R20E Town of Greenbush, Sheboygan County, WI

- The cutting area is approximately **149 acres**.
- All harvest activities will be restricted to a period of **dry or frozen** soil conditions between **September 1st and March 15th** of any calendar year
- The contract period will be **3 years**.
- **“Mill Scaled Sale”** on all Pulpwood.
- **Heterobasidion root disease (HRD-formerly Annosum Root Rot) prevention measures will be required on all conifers.**
- All **ash, box elder, and elm** are designated for harvest in all harvest units.

| ESTIMATED VOLUME | |
|--------------------|------------------|
| SPECIES / PRODUCTS | ESTIMATED VOLUME |
| Pulpwood | TONS |
| Red Pine | 4750 |
| Spruce | 1250 |
| White Pine | 925 |
| Aspen | 170 |
| MX Hardwood* | 105 |
| TOTAL TONS | 7200 |

*Mixed Hardwood Pulp – 95% Ash, 3% Box Elder, 2% Elm

Sale Type & Payment Instructions.

This is a mill scaled sale on Pulpwood (Tons). Payment for all products removed from the site must be made within 30 days from the time of billing under the deferred payment option.

Sale Access and Landings

Sale access is off multiple sites off Kettle Moraine Drive and Summit Road. Access and landings have been identified, but will be agreed upon by the Forester and Purchaser. Accesses along County/State Highways may require county temporary culvert permits; which will be the responsibility of the Purchaser.

Purpose of Sale

The management objective for most of the conifer stands (114 acres) is to reduce density through even aged thinning to control spacing and density, improve stand health / vigor, and release future crop trees. Nine (9) patches of diseased / declining red pine (31 acres) were designated to be clearcut, with a goal of converting site to hardwoods relying on advanced hardwood regeneration and future planting/seeding. Four (4) patches of mature aspen (4 acres) were designated to be coppice harvested, creating open sunlight conditions for optimal root suckering.

General Cutting Requirements

- 1) **THINNING –(RED on MAP – 100 acres)** – Cut all trees marked with an ORANGE PAINT slash and all ash, elm, and box elder.
- 2) **POCKET DECLINE CLEARCUT (LIGHT GREEN on MAP - 31 acres)** – Harvest all conifers, ash, elm, and box elder within PURPLE PAINT boundaries. Reserve all GREEN PAINTED trees.
- 3) **ROW THINNING (ORANGE on MAP - 14 acres)** - Harvest every other conifer row (50%) out of these mixed hardwood /conifer plantations.
- 4) **ASPEN COPPICE (PURPLE on MAP - 4 acres)** – Harvest all trees greater than 2” within PURPLE PAINT boundaries.

TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST TRACT NO. 04-18
GREENBUSH KETTLE CONIFER SALE

- 5) Red Paint denotes harvest area boundary.
- 6) Blue Paint denotes private land boundary
- 7) Purple Paint denotes clearcut/coppice boundaries.
- 8) Orange Paint indicates trees to be cut.
- 9) Maximum stump height shall not exceed stump diameter.
- 10) Whole-tree skidding will not be permitted unless otherwise agreed upon by Forester and Purchaser
- 11) All trees marked or designated to be cut must be felled unless otherwise agreed upon by the Forester and Purchaser.
- 12) Trees shall not be felled across cutting unit boundaries. Any slash that crosses the red or blue lines shall be pulled back into the sale area immediately.
- 13) Slash shall be lopped and/or scattered evenly across sale area and lie within three (3) feet of the ground.

Special Operating Requirements.

- 1) Trails can be used and crossed at limited locations. Any debris entering trail area within 15 feet of trail surface shall be removed immediately.
- 2) Harvesting and forwarding shall only occur during frozen ground conditions between Sept. 1st and March 15th of any calendar year to avoid impact to threatened / endangered species and mitigate oak wilt infection.
- 3) No harvesting during gun deer opening weekend and a period starting Thanksgiving through the close of the 9-day traditional gun deer season.

Conversion Factors

- 1) The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood cordwood may be developed by weighted average of cruise estimates based on species volume distribution and or ocular estimates.

CORDWOOD WEIGHT CONVERSION FACTORS
POUNDS PER CORD

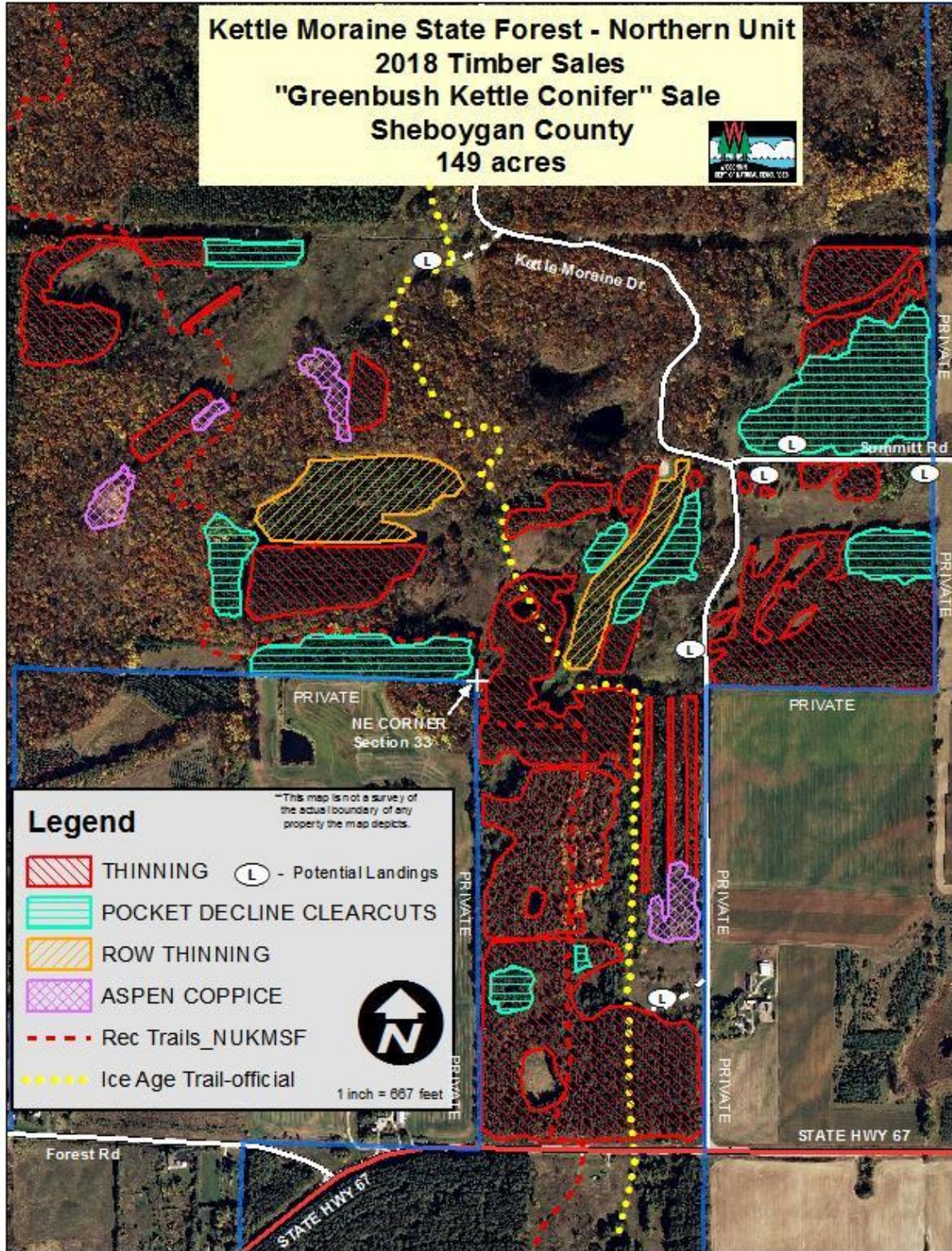
| <u>Species</u> | <u>Weight (lbs.)</u> | <u>Weight (Tons)</u> |
|-----------------------|-----------------------------|-----------------------------|
| Red Pine | 4500 | 2.250 |
| Spruce | 4000 | 2.000 |
| White Pine | 4200 | 2.100 |
| Aspen | 4500 | 2.250 |
| Mixed Hardwood | 4580 | 2.290 |

- 2) Conversion of MBF (thousand board feet) to cords or cords to MBF shall be 2.20 cords per MBF for hardwoods. Conversion of MBF (thousand board feet) to cords or cords to MBF shall be 2.44 cords per MBF for softwoods. The Scribner Decimal C Log Rule shall be used for scaling logs.

Special Conditions: Forest Health

- 1) Heterobasidion root disease (HRD-formerly Annosum Root Rot). This sale requires the Purchaser to complete Heterobasidion root disease (HRD) (formerly Annosum Root Rot) preventative treatment between 4/1 – 11/30 on all conifers. Treatment must be performed by a Certified Pesticide Applicator. Treatment involves chemically treating all fresh-cut stumps of conifers of merchantable size by applying either Rotstop C or CELLU-TREAT (disodium octaborate tetrahydrate). Treatment should be made as soon as possible and no later than one day after harvest and a dye product shall be added to liquid solutions for inspection purposes. The cost of this application can vary based on application method and harvest conditions, but should be considered when submitting bids on these timber sales.

TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST TRACT NO. 04-18
GREENBUSH KETTLE CONIFER SALE



Notice: Completion of this form is mandatory. The Department will not recognize your bid unless you complete and submit this form. Personal information collected will be used for program administration and may be provided to requesters as required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

| |
|------|
| Date |
|------|

| | | | |
|-------------|--|--|--|
| Bidder Name | | | |
|-------------|--|--|--|

| | | | |
|----------------|------|-------|----------|
| Street Address | City | State | ZIP Code |
|----------------|------|-------|----------|

| | |
|--|----------------------|
| Property Name (if any) Northern Unit Kettle Moraine State Forest (Greenbush Kettle Conifer) | Tract Number 4-18 |
|--|----------------------|

| | |
|---|--|
| Date and Hour of Bid Opening Wednesday June 13th, 2018 @ 2:00 PM - Plymouth Service Center | Minimum Acceptable Bid (optional) \$ 132,867.00 |
|---|--|

| Species-All bids including Lump Sum bids must be by species | Utilization Specifications | Advertised Value Per Unit (optional) | Estimated Volume | Volume Units | Price Bid Per Unit | Total Bid Value on Estimated Volume |
|--|-------------------------------|--|---------------------|-----------------|-----------------------|---|
| Red Pine | Pulwood | | 4,750 | Tons | | |
| Spruce | Pulpwood | | 1,250 | Tons | | |
| White Pine | Pulpwood | | 925 | Tons | | |
| Aspen | Pulpwood | | 170 | Tons | | |
| MX Hardwood | Pulpwood | | 105 | Tons | | |

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

- | | |
|--|---|
| <input type="radio"/> Cash | <input type="radio"/> Assurance Bond |
| <input type="radio"/> Personal Check | <input type="radio"/> Certificate of Deposit |
| <input type="radio"/> Certified Check/Money Order | <input type="radio"/> Assignment of Savings Account |
| <input type="radio"/> Irrevocable Letter of Credit | |

I understand that any or all bids may be rejected and that consideration and awarding of a contract will be based upon my past performance and ability to complete contracts. **I also understand that if I am the winning bidder, I have 6 weeks from the date of the bid opening to submit an acceptable performance bond. I also understand that if I am awarded the contract and fail to execute it or work under it, I will be required to forfeit to the Department an amount equal to 10% of my total bid amount.** Failure to forfeit the 10% penalty will result in being considered ineligible to bid on any state timber sales for a two-year duration. In the event the highest bidder can not or will not sign the contract, the award will be made to the next highest qualified bid.

Notice: I understand:

Utilization specifications and estimated volumes are listed in the prospectus which is available upon request from the Department.

A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

| |
|--------------------------------------|
| Signature of Bidder |
| Bidder's Name (Please Print or Type) |
| Phone Number (include area code) |
| Email Address (optional) |

TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST TRACT NO. 05-18
AUBRUN LAKE CONIFER SALE

Township 13 North, Range 19 East, Town of Auburn, Fond du Lac County
Section 10 – SESE, NESE, SWNE

Township 13 North, Range 19 East, Town of Auburn, Fond du Lac County
Section 14 – SWNE

Township 13 North, Range 19 East, Town of Auburn, Fond du Lac County
Section 15 – SESE, NESE, SENE

Township 13 North, Range 19 East, Town of Auburn, Fond Du Lac County
Section 22 - NENE

- The cutting area is approximately **96 acres**.
- Harvest shall occur on dry or frozen ground conditions
- The contract period will be **3 years**.
- All trees that are marked or designated to be cut shall be utilized to a **4” top diameter**.
- **“Mill Scale Sale”** and saw timber and pulpwood will be sold mixed product.
- **Annosum Root Rot prevention measures will be required in all conifer stands**.
- Bid bond not required. See procedures under Bidding Instructions.
- 15% of the total sale bid value will be required as performance bond and is due within 6 weeks of bid opening.

| ESTIMATED VOLUME | |
|--------------------|------------------|
| Species / Products | Estimated Volume |
| Pulpwood | Tons*** |
| Red Pine | 2930 |
| White Pine | 4370 |
| Spruce | 1140 |
| Aspen | 520 |
| Mixed Hardwood** | 375 |
| TOTAL TONS | 9335 |

**Mixed Hardwood Pulp – 38% Elm, 15% Ash, 2% each of maple, cherry, white birch, box elder, and basswood.

***Estimated tons are to a 4-inch top diameter and include top-wood.

Sale Type & Payment Instructions

This is a scaled sale for Pulp (Tons). Payment for all products removed from the site must be made within 30 days from the time of billing under the deferred payment option.

Sale Access and Landings

Potential sale access and landings are off Double D Rd, County Rd G, County Rd SS, East Lake Rd. Access across private lands to the north and west of Auburn Lake are the responsibility of the Purchaser. Sites and designated skid trails have been identified, but will be agreed upon by the Forester and Logger. Accesses along County Highways may require county temporary culvert permits; which will be the responsibility of the Purchaser.

Purpose of Sale

The Red and White Pine stands are scheduled for either an even aged thinning or conversion harvest with follow up planting of native hardwoods within the conversion areas. Leave trees were marked with light green paint for retention within the conversion areas. The red and white pine and Norway spruce thinning areas’ objective is to maximize vigor and tree health by lowering basal area stocking using intermediate thinning process.

TIMBER SALE PROSPECTUS
KETTLE MORaine STATE FOREST TRACT NO. 05-18
AUBRUN LAKE CONIFER SALE

A disease called white pine blister rust was also observed in many of the white pines when foresters evaluated these stands for harvest. Due to the heavy prevalence of white pine blister rust, some of the white pine areas are also being converted to hardwoods.

Within the Northern Hardwood area: the emphasis is on releasing crop trees, creating small gaps for sugar maple regeneration to grow, and salvage ash due to the presence of emerald ash borer within this stand.

The Aspen stand is currently 60 years old. Aspen tends to decline at this age range and will be coppice harvested to regenerate it to young vigorous sprouts; providing dense, early successional habitat for wildlife.

General Cutting Requirements

- 1) **Red and White Pine Thin Areas:** Cut all and only those trees marked with orange paint
- 2) **Aspen Coppice Area:** Cut all trees greater than 2 inches in diameter except oak and hickory.
- 3) **Conifer Clearcut Areas:** Cull all red and white pine, spruce, ash, box elder and elm trees except those marked with light green paint. Do not cut any oak, maple, basswood, cherry or hickory trees.
- 4) **Northern Hardwoods Area:** Cut all and only those trees marked with orange paint.
- 5) **Spruce Thin Area:** Cut all trees that are within 7 feet on each side of the orange painted lines within the spruce area. Orange paint lines are marked approximately every 66 feet.
- 6) Purple Paint denotes clearcut/coppice boundaries.
- 7) Red Paint denotes harvest area boundary.
- 8) Maximum stump height shall not exceed stump diameter.
- 9) Whole-tree skidding will not be permitted unless otherwise agreed upon by Forester and Purchaser
- 10) All trees marked or designated to be cut must be felled unless otherwise agreed upon by the Forester and Purchaser.
- 11) Trees shall not be felled across cutting unit boundaries. Any slash that crosses the red, purple or blue lines shall be pulled back into the sale area immediately.
- 12) Slash shall be lopped and/or scattered evenly across sale area and lie within three (3) feet of the ground.

Special Operating Requirements.

- 1) Trails can be used and crossed at limited locations. Any debris entering trail area within 15 feet of trail surface shall be removed immediately.
- 2) No harvesting during gun deer opening weekend and a period starting Thanksgiving and the close of nine day gun deer season.
- 3) Logging operations can only occur during dry or frozen soil conditions.

Conversion Factors

- 1) The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood cordwood may be developed by weighted average of cruise estimates based on species volume distribution and or ocular estimates.

CORDWOOD WEIGHT CONVERSION FACTORS
POUNDS PER CORD

| <u>Species</u> | <u>Weight (lbs)</u> | <u>Weight (Tons)</u> |
|-----------------------|----------------------------|-----------------------------|
| Red Pine | 4500 | 2.250 |
| White Pine | 4200 | 2.100 |
| Spruce | 4000 | 2.000 |
| Aspen | 4500 | 2.250 |
| Mixed Hardwood | 4600 | 2.300 |

TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST TRACT NO. 05-18
AUBRUN LAKE CONIFER SALE

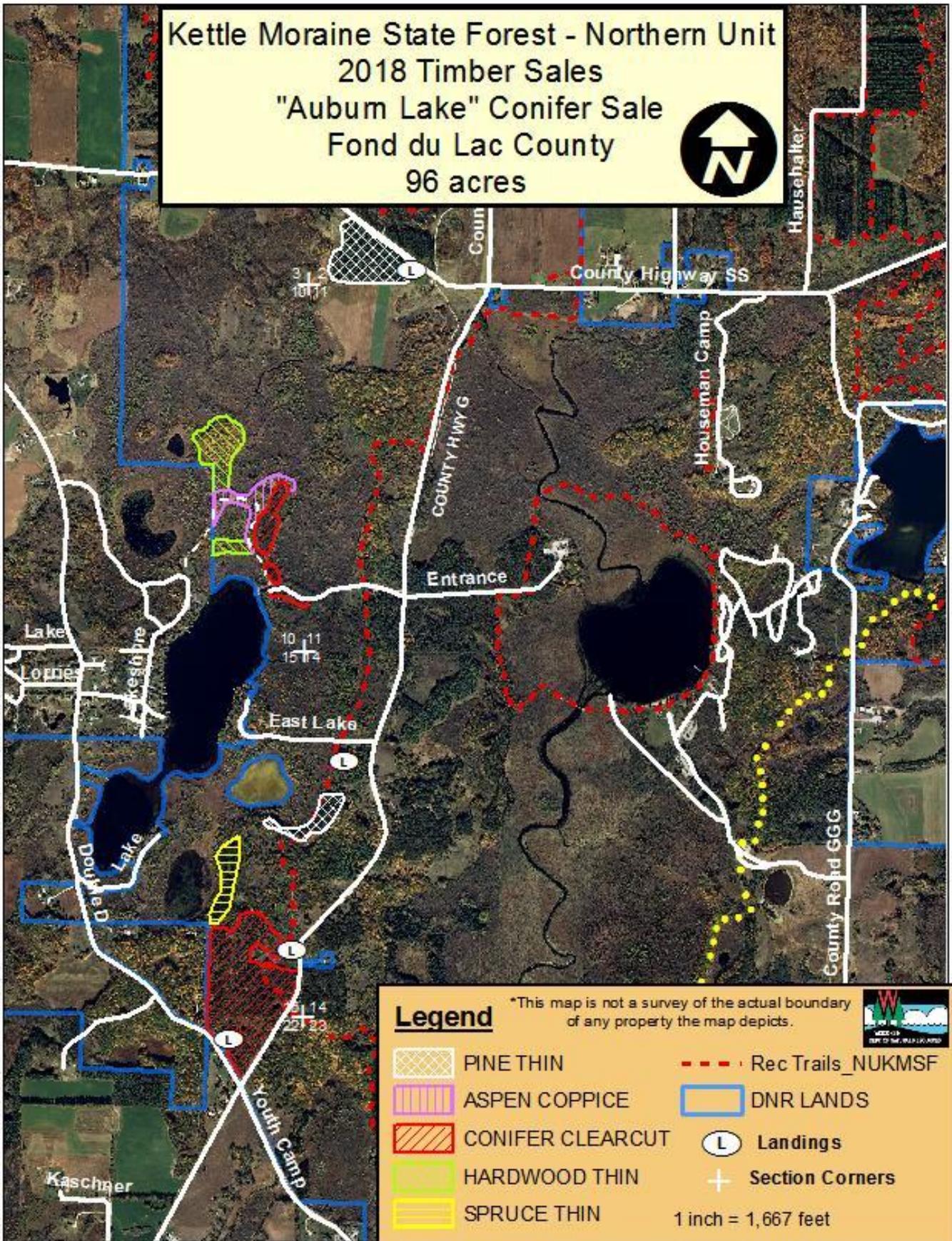
- 2) Conversion of MBF (thousand board feet) to cords or cords to MBF shall be 2.20 cords per MBF for hardwoods and 2.44 Cords per MBF for conifers. The Scribner Decimal C Log Rule shall be used for scaling logs.

Special Conditions: Forest Health

- 1) The sale area is located within Fond du Lac County, which is in the emerald ash borer quarantine zone. The logger should be aware of and comply with relevant EAB quarantine regulations.

- 2) Annosum Root Rot Treatment. This sale requires the Purchaser to complete Annosum root rot preventative treatment between 4/1 – 11/30 within all conifer areas. Treatment must be performed by a Certified Pesticide Applicator. Treatment involves chemically treating all fresh-cut stumps of pines of merchantable size by applying either Rotstop C or CELLU-TREAT (disodium octaborate tetrahydrate). Treatment should be made as soon as possible and no later than one day after harvest and a dye product shall be added to liquid solutions for inspection purposes. The cost of this application can vary based on application method and harvest conditions, but should be considered when submitting bids on these timber sales.

TIMBER SALE PROSPECTUS
KETTLE MORAINE STATE FOREST TRACT NO. 05-18
AUBRUN LAKE CONIFER SALE



Notice: Completion of this form is mandatory. The Department will not recognize your bid unless you complete and submit this form. Personal information collected will be used for program administration and may be provided to requesters as required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

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| Date |
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| Bidder Name |
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|----------------|------|-------|----------|
| Street Address | City | State | ZIP Code |
|----------------|------|-------|----------|

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|--|----------------------|
| Property Name (if any) Kettle Moraine State Forest - Northern Unit (Auburn Lake Conifers) | Tract Number 5-18 |
|--|----------------------|

| | |
|---|--|
| Date and Hour of Bid Opening Wednesday June 13th, 2018 @ 2:00 PM - Plymouth Service Center | Minimum Acceptable Bid (optional) \$ 162,634.50 |
|---|--|

| Species-All bids including Lump Sum bids must be by species | Utilization Specifications | Advertised Value Per Unit (optional) | Estimated Volume | Volume Units | Price Bid Per Unit | Total Bid Value on Estimated Volume |
|--|-------------------------------|--|---------------------|-----------------|-----------------------|---|
| Red Pine | 4 inch | | 2,930 | tons | | |
| White Pine | 4 inch | | 4,370 | tons | | |
| Norway Spruce | 4 inch | | 1,140 | tons | | |
| Aspen | 4 inch | | 520 | tons | | |
| Mixed Hardwoods | 4 inch | | 375 | tons | | |

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

- | | |
|--|---|
| <input type="radio"/> Cash | <input type="radio"/> Assurance Bond |
| <input type="radio"/> Personal Check | <input type="radio"/> Certificate of Deposit |
| <input type="radio"/> Certified Check/Money Order | <input type="radio"/> Assignment of Savings Account |
| <input type="radio"/> Irrevocable Letter of Credit | |

I understand that any or all bids may be rejected and that consideration and awarding of a contract will be based upon my past performance and ability to complete contracts. **I also understand that if I am the winning bidder, I have 6 weeks from the date of the bid opening to submit an acceptable performance bond. I also understand that if I am awarded the contract and fail to execute it or work under it, I will be required to forfeit to the Department an amount equal to 10% of my total bid amount.** Failure to forfeit the 10% penalty will result in being considered ineligible to bid on any state timber sales for a two-year duration. In the event the highest bidder can not or will not sign the contract, the award will be made to the next highest qualified bid.

Notice: I understand:

Utilization specifications and estimated volumes are listed in the prospectus which is available upon request from the Department.

A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

| |
|--------------------------------------|
| Signature of Bidder |
| Bidder's Name (Please Print or Type) |
| Phone Number (include area code) |
| Email Address (optional) |

TIMBER SALE PROSPECTUS
NICHOLS CREEK WILLDIFE AREA TRACT NO. 1-17
NICHOLS CREEK HARDWOODS SALE

Township 14 North, Range 21 East, Town of Scott, Sheboygan County
Section 18 – NWSW, SWNW, SENW, SWNE, NWSE

- The cutting area is approximately **92 acres**.
- Harvest shall occur between **August 15th and March 15th** of any calendar year
- The contract period will be **3 years**.
- All trees that are marked or designated to be cut shall be utilized to a **4" top diameter**.
- **"Scaled Sale"** on Sawtimber and Pulpwood.
- Bid bond not required. See procedures under Bidding Instructions.
- 15% of the total sale bid value will be required as performance bond and is due within 6 weeks of bid opening.

| ESTIMATED VOLUME | |
|---------------------------|-------------------------|
| Species / Products | Estimated Volume |
| Sawlogs | MBF |
| Ash | 35.90 |
| Sugar (Hard) Maple | 21.71 |
| Red Oak | 20.66 |
| Mixed Hardwood* | 12.31 |
| TOTAL MBF | 90.58 |
| | |
| Pulpwood | Tons*** |
| Mixed Hardwood** | 670 |
| Aspen | 630 |
| Oak | 150 |
| White Pine | 120 |
| TOTAL TONS | 1,570 |

Mixed Hardwood Pulp–29% Ash, 27% Hickory, 26% Hard Maple, 6% Red Maple, 4% Bass, 3% Cherry, 3 % Beech, 2% Elm

*Estimated tons are to a 4-inch top diameter and include top-wood.

Sale Type & Payment Instructions

This is a scaled sale on all Sawtimber (MBF) and Pulp (Tons). Payment for all products removed from the site must be made within 30 days from the time of billing under the deferred payment option.

Sale Access and Landings

Potential sale access and landing are off Highview Rd. Sites and designated skid trails have been identified, but will be agreed upon by the Forester and Purchaser. Accesses along County Highways may require county temporary culvert permits; which will be the responsibility of the Purchaser. Private landings and access are also responsibility of the responsibility of Purchaser.

Purpose of Sale

The management objective for the majority of the harvest acreage is to maximize vigor and tree health by lowering basal area stocking using a single tree selection (79 acres). Ash was targeted for accelerated removal due to likely mortality by Emerald Ash Borer. Within aspen coppice areas (13 acres); management objective is to regenerate early successional species using even aged coppice regeneration harvests.

General Cutting Requirements

- 1) Orange Paint denotes trees to be cut.
- 2) Red Paint denotes the harvest unit boundaries.

TIMBER SALE PROSPECTUS
NICHOLS CREEK WILLDIFE AREA TRACT NO. 1-17
NICHOLS CREEK HARDWOODS SALE

- 3) Blue Paint denotes private land boundaries.
- 4) Purple Paint denotes aspen coppice boundaries. Within Purple Paint cut all stems greater than 2-inch diameter.
- 5) Green Paint denotes reserve trees within coppice and clearcut boundaries.
- 6) Maximum stump height shall not exceed stump diameter.
- 7) Whole-tree skidding will not be permitted unless otherwise agreed upon by Forester and Purchaser
- 8) All trees marked or designated to be cut must be felled unless otherwise agreed upon by the Forester and Purchaser.
- 9) All ironwood 5 inches in diameter or greater can be cut and utilized.
- 10) Trees shall not be felled across cutting unit boundaries. Any slash that crosses the red or blue lines shall be pulled back into the sale area immediately.
- 11) Slash shall be lopped and/or scattered evenly across sale area and lie within three (3) feet of the ground.

Special Operating Requirements.

- 1) Harvesting and forwarding shall only occur between August 15th and March 15th to avoid impact to threatened / endangered species nesting periods.
- 2) No harvesting during gun deer opening weekend and a period between Thanksgiving and the close of gun deer season.
- 3) Logging operations can only occur during dry or frozen soil conditions. Portions (identified on map) may require frozen ground to fluctuating water levels.

Conversion Factors

- 1) The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood cordwood may be developed by weighted average of cruise estimates based on species volume distribution and or ocular estimates.

CORDWOOD WEIGHT CONVERSION FACTORS
POUNDS PER CORD

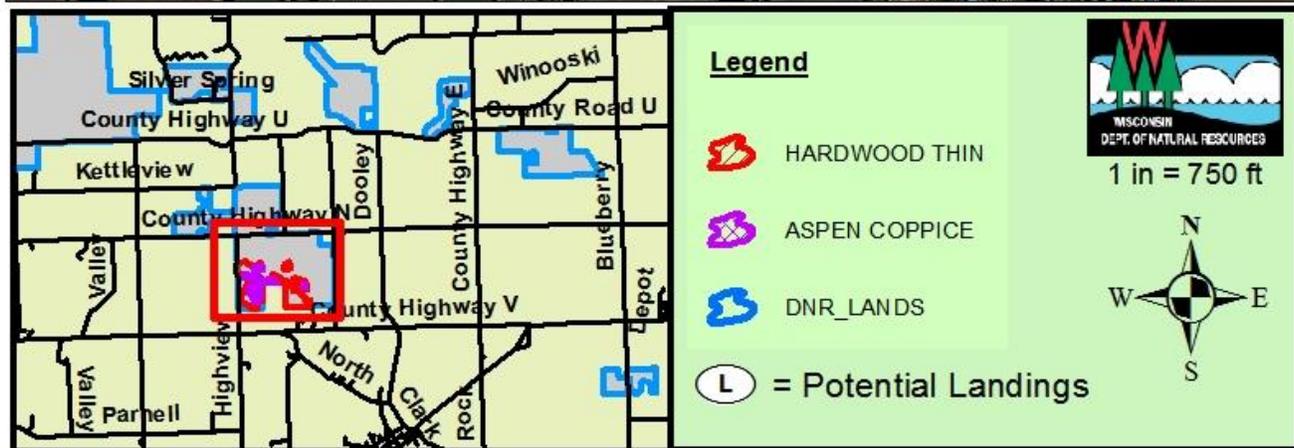
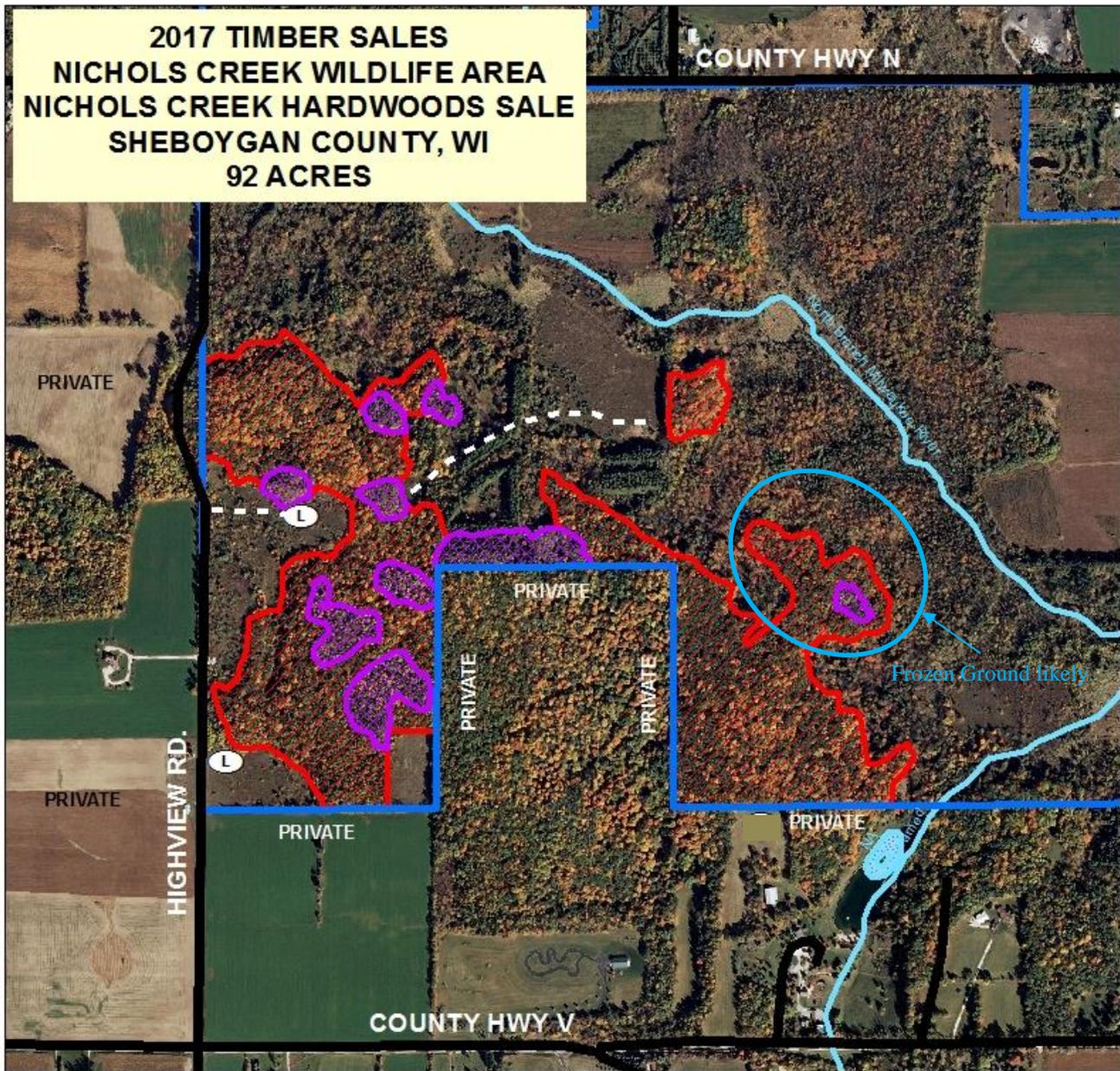
| <u>Species</u> | <u>Weight (lbs)</u> | <u>Weight (Tons)</u> |
|----------------|---------------------|----------------------|
| Mixed Hardwood | 4800 | 2.400 |
| Aspen | 4500 | 2.250 |
| Oak | 5600 | 2.800 |
| White Pine | 4200 | 2.100 |

- 2) conversion of MBF (thousand board feet) to cords or cords to MBF shall be 2.20 cords per MBF for hardwoods and 2.44 Cords per MBF for conifers. The Scribner Decimal C Log Rule shall be used for scaling logs

Special Conditions: Forest Health

- 1) The sale area is located within Sheboygan County, which is in the emerald ash borer quarantine zone. The logger should be aware of and comply with relevant EAB quarantine regulations.

TIMBER SALE PROSPECTUS
NICHOLS CREEK WILDLIFE AREA TRACT NO. 1-17
NICHOLS CREEK HARDWOODS SALE



Notice: Completion of this form is mandatory. The Department will not recognize your bid unless you complete and submit this form. Personal information collected will be used for program administration and may be provided to requesters as required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

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| Date |
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| Bidder Name | | | |
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|----------------|------|-------|----------|
| Street Address | City | State | ZIP Code |
|----------------|------|-------|----------|

| | |
|---|-------------------------|
| Property Name (if any) Nichols Creek Wildlife Area (Nichols Creek Hardwoods) | Tract Number NC 1-17 |
|---|-------------------------|

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|---|---|
| Date and Hour of Bid Opening Wednesday June 13th, 2018 @ 2:00 PM - Plymouth Service Center | Minimum Acceptable Bid (optional) \$ 21,175.66 |
|---|---|

| Species-All bids including Lump Sum bids must be by species | Utilization Specifications | Advertised Value Per Unit (optional) | Estimated Volume | Volume Units | Price Bid Per Unit | Total Bid Value on Estimated Volume |
|---|----------------------------|--------------------------------------|------------------|--------------|--------------------|-------------------------------------|
| Ash | Sawtimber | | 35.9 | MBF | | |
| Sugar (Hard) Maple | Sawtimber | | 21.71 | MBF | | |
| Red Oak | Sawtimber | | 20.66 | MBF | | |
| Mixed Hardwood | Sawtimber | | 12.31 | MBF | | |
| Mixed Hardwood | Pulpwood | | 670 | Tons | | |
| Aspen | Pulpwood | | 630 | Tons | | |
| Oak | Pulpwood | | 150 | Tons | | |
| White Pine | Pulpwood | | 120 | Tons | | |

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

- Cash
- Personal Check
- Certified Check/Money Order
- Irrevocable Letter of Credit
- Assurance Bond
- Certificate of Deposit
- Assignment of Savings Account

I understand that any or all bids may be rejected and that consideration and awarding of a contract will be based upon my past performance and ability to complete contracts. **I also understand that if I am the winning bidder, I have 6 weeks from the date of the bid opening to submit an acceptable performance bond. I also understand that if I am awarded the contract and fail to execute it or work under it, I will be required to forfeit to the Department an amount equal to 10% of my total bid amount.** Failure to forfeit the 10% penalty will result in being considered ineligible to bid on any state timber sales for a two-year duration. In the event the highest bidder can not or will not sign the contract, the award will be made to the next highest qualified bid.

Notice: I understand:

Utilization specifications and estimated volumes are listed in the prospectus which is available upon request from the Department.

A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

| |
|--------------------------------------|
| Signature of Bidder |
| Bidder's Name (Please Print or Type) |
| Phone Number (include area code) |
| Email Address (optional) |

TIMBER SALE PROSPECTUS
MULLET CREEK WILDLIFE AREA TRACT NO. 01-16
HARDWOODS AND ASPEN SALE

Township 15 North, Range 19 East, Town of FOREST, Fond du Lac County
Section 26 – NWNE, NENE

- The cutting area is approximately **25 acres**.
- Harvest shall occur on dry or frozen ground conditions
- The contract period will be **2 years**.
- All trees that are marked or designated to be cut shall be utilized to a **4" top diameter**.
- **"Scaled Sale"** on Sawtimber and Pulpwood.
- Bid bond not required. See procedures under Bidding Instructions.
- 15% of the total sale bid value will be required as performance bond and is due within 6 weeks of bid opening.

| ESTIMATED VOLUME | |
|--------------------|------------------|
| Species / Products | Estimated Volume |
| Pulpwood | Tons |
| Mixed Hardwood | 138 |
| Aspen | 270 |
| TOTAL TONS | 408 |

Sale Type & Payment Instructions

This is a scaled sale for Pulp (Tons). Payment for all products removed from the site must be made within 30 days from the time of billing under the deferred payment option.

Sale Access and Landings

Potential sale access and landings are off Hillview Road. Access across private lands to the south of the hardwood stand are the responsibility of the Purchaser. Sites and designated skid trails have been identified, but will be agreed upon by the Forester and Logger. Accesses along town roads may require county temporary culvert permits; which will be the responsibility of the Purchaser.

Purpose of Sale

This is a 25-acre timber sale located in east central Fond du Lac County on the Mullet Creek Wildlife Area. The sale area contains a mixture of aspen, sugar maple, red oak, basswood, and ash. There are 6 different aspen areas that will be regenerated through coppice.

General Cutting Requirements

- 1) **Northern Hardwoods Thin Areas:** Cut all merchantable aspen, ash, elm, and ironwood and trees marked with orange paint
- 2) **Aspen Coppice Areas:** Cut all trees greater than 1 inches in diameter except oak and green painted reserve trees.
- 3) Red Paint lines denotes harvest area boundary.
- 4) Green paint lines denote no-cut areas (there are two no cut areas within the sale).
- 5) Maximum stump height shall not exceed stump diameter.
- 6) Whole-tree skidding will not be permitted unless otherwise agreed upon by Forester and Purchaser
- 7) All trees marked or designated to be cut must be felled unless otherwise agreed upon by the Forester and Purchaser.

TIMBER SALE PROSPECTUS
MULLET CREEK WILDLIFE AREA TRACT NO. 01-16
HARDWOODS AND ASPEN SALE

- 8) Trees shall not be felled across cutting unit boundaries. Any slash that crosses the red or blue lines shall be pulled back into the sale area immediately.

Special Operating Requirements.

- 1) No harvesting during gun deer opening weekend.
- 2) Logging operations can only occur during dry or frozen soil conditions between September 1st and March 1st.

Conversion Factors

- 1) The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood cordwood may be developed by weighted average of cruise estimates based on species volume distribution and or ocular estimates.

**CORDWOOD WEIGHT CONVERSION FACTORS
POUNDS PER CORD**

| <u>Species</u> | <u>Weight (lbs)</u> | <u>Weight (Tons)</u> |
|-----------------------|----------------------------|-----------------------------|
| Aspen | 4500 | 2.250 |
| Mixed Hardwood | 4600 | 2.300 |
| Oak | 5500 | 2.750 |

Special Conditions: Forest Health

- 1) The sale area is located within Fond du Lac County, which is in the emerald ash borer quarantine zone. The logger should be aware of and comply with relevant EAB quarantine regulations.

TIMBER SALE PROSPECTUS
MULLET CREEK WILDLIFE AREA TRACT NO. 01-16
HARDWOODS AND ASPEN SALE



[Enter a Map Title]



0.1
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NAD_1983_HARN_Wisconsin_TMI
© Latitude Geographics Group Ltd.

1:4,711

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>



Map Features

- Closed Area Labels
- State Natural Area Labels (40+)
- Total Project Boundary
- SNA NRB Project Boundaries
- Rivers and Streams
- Intermittent Streams
- Open Water
- Great Lakes

- Aspen Areas
- Hardwood Area

Notes

Notice: Completion of this form is mandatory. The Department will not recognize your bid unless you complete and submit this form. Personal information collected will be used for program administration and may be provided to requesters as required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

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| Date |
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| Bidder Name | | | |
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|----------------|------|-------|----------|
| Street Address | City | State | ZIP Code |
|----------------|------|-------|----------|

| | |
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| Property Name (if any) Mullet Creek Wildlife Area (Hillview Road) | Tract Number 1-18 |
|--|----------------------|

| | |
|---|---|
| Date and Hour of Bid Opening Wednesday June 13th, 2018 @ 2:00 PM - Plymouth Service Center | Minimum Acceptable Bid (optional) \$ 17,956.53 |
|---|---|

| Species-All bids including Lump Sum bids must be by species | Utilization Specifications | Advertised Value Per Unit (optional) | Estimated Volume | Volume Units | Price Bid Per Unit | Total Bid Value on Estimated Volume |
|--|-------------------------------|--|---------------------|-----------------|-----------------------|---|
| Mixed Hardwoods | 4 inch | | 1,310 | tons | | |
| Aspen | 4 inch | | 110 | tons | | |
| Ash | 10 inch | | 19.25 | mbf | | |
| Hard Maple | 10 inch | | 3.54 | mbf | | |
| Red Oak | 10 inch | | 16.48 | mbf | | |
| Mixed Hardwoods | 10 inch | | 4.91 | mbf | | |

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

- | | |
|--|---|
| <input type="radio"/> Cash | <input type="radio"/> Assurance Bond |
| <input type="radio"/> Personal Check | <input type="radio"/> Certificate of Deposit |
| <input type="radio"/> Certified Check/Money Order | <input type="radio"/> Assignment of Savings Account |
| <input type="radio"/> Irrevocable Letter of Credit | |

I understand that any or all bids may be rejected and that consideration and awarding of a contract will be based upon my past performance and ability to complete contracts. **I also understand that if I am the winning bidder, I have 6 weeks from the date of the bid opening to submit an acceptable performance bond. I also understand that if I am awarded the contract and fail to execute it or work under it, I will be required to forfeit to the Department an amount equal to 10% of my total bid amount.** Failure to forfeit the 10% penalty will result in being considered ineligible to bid on any state timber sales for a two-year duration. In the event the highest bidder can not or will not sign the contract, the award will be made to the next highest qualified bid.

Notice: I understand:

Utilization specifications and estimated volumes are listed in the prospectus which is available upon request from the Department.

A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

| |
|--------------------------------------|
| Signature of Bidder |
| Bidder's Name (Please Print or Type) |
| Phone Number (include area code) |
| Email Address (optional) |

TIMBER SALE PROSPECTUS
MULLET CREEK WILDLIFE AREA TRACT NO. 01-18
HILLVIEW ROAD SALE

Township 15 North, Range 19 East, Town of FOREST, Fond du Lac County
Section 26 – SENW, SWNW, NWNW, NENW, NWSW
Township 15 North, Range 19 East, Town of FOREST, Fond du Lac County
Section 27 – NESW, NWSE

- The cutting area is approximately **76 acres**.
- Harvest period is September 1st to March 30th under dry or frozen ground conditions
- The contract period will be **2 years**.
- All trees that are marked or designated to be cut shall be utilized to a **4” top diameter**.
- **“Mill Scale Sale”** on Sawtimber and Pulpwood.
- Bid bond not required. See procedures under Bidding Instructions.
- 15% of the total sale bid value will be required as performance bond and is due within 6 weeks of bid opening.

| ESTIMATED VOLUME | |
|--------------------|------------------|
| Species / Products | Estimated Volume |
| Saw logs | MBF |
| Ash | 19.250 |
| Hard Maple | 3.540 |
| Red Oak | 16.480 |
| Mixed Hardwoods* | 4.910 |
| TOTAL MBF | 44.18 |
| | |
| Pulpwood | Tons*** |
| Mixed Hardwood ** | 1310 |
| Aspen | 110 |
| TOTAL TONS | 1420 |

*Mixed Hardwood Logs (MBF) – 2.630 white oak, 1.260 Hickory, .340 each of red maple and cherry, .220 Beech, and .120 Elm

**Mixed Hardwood Pulp – 38% Elm, 15% Ash, 2% each of maple, cherry, white birch, box elder, and basswood.

***Estimated tons are to a 4-inch top diameter and include top-wood.

Sale Type & Payment Instructions

This is a mill scaled sale for Pulp (Tons) and logs (MBF). Payment for all products removed from the site must be made within 30 days from the time of billing under the deferred payment option.

Sale Access and Landings

Potential sale access and landings are off Hillview Road and Deerview Road. Access across private lands to the west of the swamp hardwood stand are the responsibility of the Purchaser. Sites and designated skid trails have been identified, but will be agreed upon by the Forester and Logger. Accesses along town roads may require county temporary culvert permits; which will be the responsibility of the Purchaser.

Purpose of Sale

This is a 76-acre timber sale located in east central Fond du Lac County on the Mullet Creek Wildlife Area. The sale area contains a mixture of sugar maple, red oak, basswood, and ash, with lesser amounts of white oak and American beech mixed in the uplands. The northern hardwoods area will be managed for quality hardwood saw logs through uneven aged management. There is a large amount of 5 to 10-foot-high sugar maple saplings present in pockets that were created by a harvest in this stand in 2006.

TIMBER SALE PROSPECTUS
MULLET CREEK WILDLIFE AREA TRACT NO. 01-18
HILLVIEW ROAD SALE

The swamp hardwood area is predominately green ash with some red maple mixed in. Emerald ash borer (EAB) is already present in multiple locations within the stand and the surrounding area. Because of the presence of EAB all the merchantable ash is being harvested. The swamp hardwood area will be replanted to native hardwoods.

There are also four aspen inclusions (6 acres) in this sale which will be regenerated through coppice.

General Cutting Requirements

- 1) **Northern Hardwoods Thin Areas:** Cut all merchantable aspen, ash, elm and trees marked with orange paint
- 2) **Aspen Coppice Area:** Cut all trees greater than 1 inch in diameter except oak and hickory.
- 3) **Swamp Hardwood Areas:** Cull all merchantable ash, box elder and elm trees.
- 4) Red Paint lines denotes harvest area boundary.
- 5) Purple Paint line denotes a no-cut area (smaller aspen).
- 6) Maximum stump height shall not exceed stump diameter.
- 7) Whole-tree skidding will not be permitted unless otherwise agreed upon by Forester and Purchaser
- 8) All trees marked or designated to be cut must be felled unless otherwise agreed upon by the Forester and Purchaser.
- 9) Trees shall not be felled across cutting unit boundaries. Any slash that crosses the red or blue lines shall be pulled back into the sale area immediately.

Special Operating Requirements.

- 1) No harvesting during gun deer opening weekend and a period starting Thanksgiving and through the close of the nine-day gun deer season.
- 2) Harvesting period is September 1st to March 30th under dry or frozen ground conditions.

Conversion Factors

- 1) The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood cordwood may be developed by weighted average of cruise estimates based on species volume distribution and or ocular estimates.

CORDWOOD WEIGHT CONVERSION FACTORS
POUNDS PER CORD

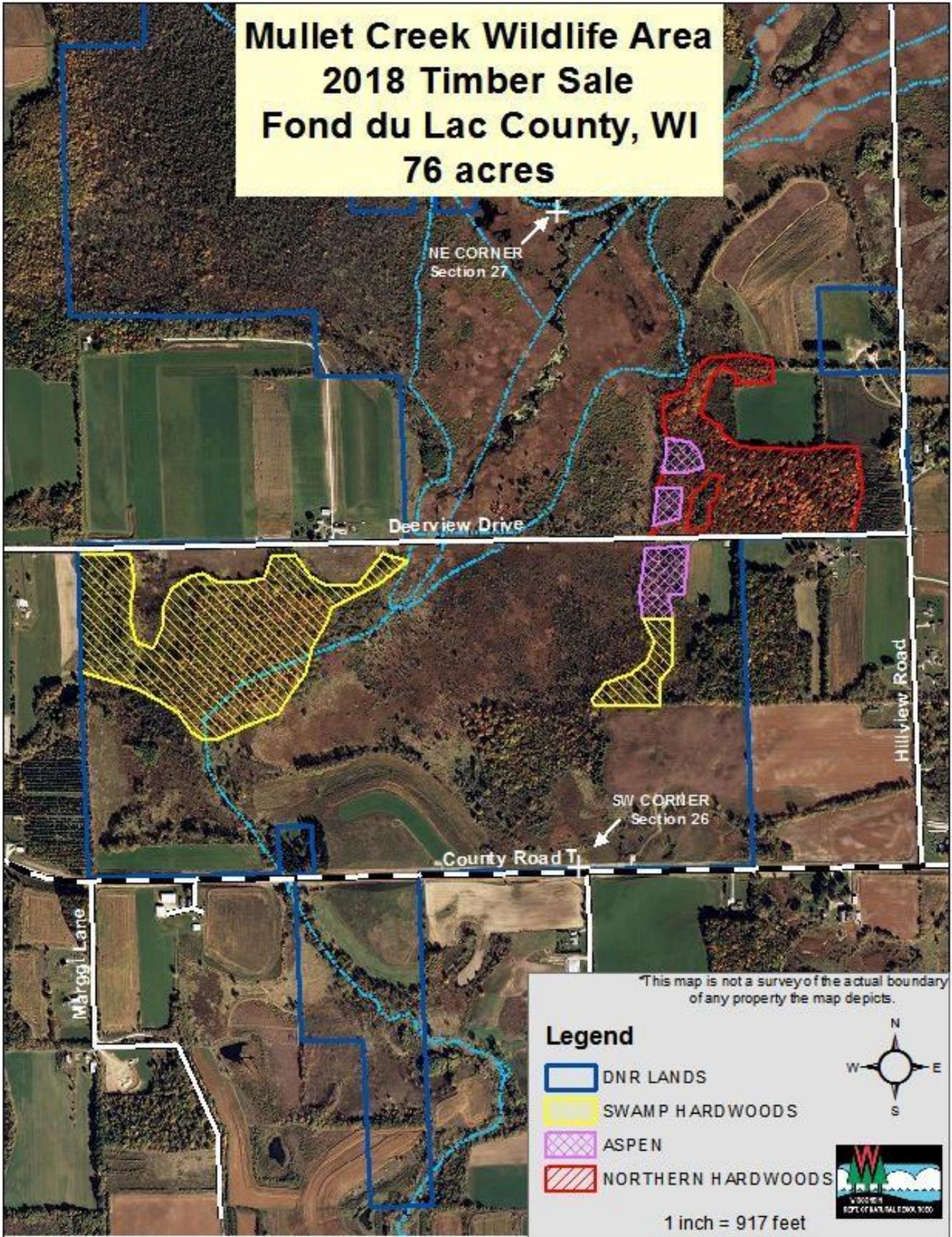
| <u>Species</u> | <u>Weight (lbs)</u> | <u>Weight (Tons)</u> |
|----------------|---------------------|----------------------|
| Aspen | 4500 | 2.250 |
| Mixed Hardwood | 4600 | 2.300 |
| Oak | 5500 | 2.750 |

- 2) Conversion of MBF (thousand board feet) to cords or cords to MBF shall be 2.20 cords per MBF for hardwoods and 2.44 Cords per MBF for conifers. The Scribner Decimal C Log Rule shall be used for scaling logs.

Special Conditions: Forest Health

- 1) The sale area is located within Fond du Lac County, which is in the emerald ash borer quarantine zone. The logger should be aware of and comply with relevant EAB quarantine regulations.

TIMBER SALE PROSPECTUS
MULLET CREEK WILDLIFE AREA TRACT NO. 01-18
HILLVIEW ROAD SALE



Notice: Completion of this form is mandatory. The Department will not recognize your bid unless you complete and submit this form. Personal information collected will be used for program administration and may be provided to requesters as required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

| |
|------|
| Date |
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| | | | |
|-------------|--|--|--|
| Bidder Name | | | |
|-------------|--|--|--|

| | | | |
|----------------|------|-------|----------|
| Street Address | City | State | ZIP Code |
|----------------|------|-------|----------|

| | |
|--|----------------------|
| Property Name (if any) Mullet Creek Wildlife Area (Hardwood and Aspen Sale) | Tract Number 1-16 |
|--|----------------------|

| | |
|---|--|
| Date and Hour of Bid Opening Wednesday June 13th, 2018 @ 2:00 PM - Plymouth Service Center | Minimum Acceptable Bid (optional) \$ 1,212.00 |
|---|--|

| Species-All bids including Lump Sum bids must be by species | Utilization Specifications | Advertised Value Per Unit (optional) | Estimated Volume | Volume Units | Price Bid Per Unit | Total Bid Value on Estimated Volume |
|--|-------------------------------|--|---------------------|-----------------|-----------------------|---|
| Aspen | 4 inch | | 270 | tons | | |
| Mixed Hardwoods | 4 inch | | 138 | tons | | |

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

- | | |
|--|---|
| <input type="radio"/> Cash | <input type="radio"/> Assurance Bond |
| <input type="radio"/> Personal Check | <input type="radio"/> Certificate of Deposit |
| <input type="radio"/> Certified Check/Money Order | <input type="radio"/> Assignment of Savings Account |
| <input type="radio"/> Irrevocable Letter of Credit | |

I understand that any or all bids may be rejected and that consideration and awarding of a contract will be based upon my past performance and ability to complete contracts. **I also understand that if I am the winning bidder, I have 6 weeks from the date of the bid opening to submit an acceptable performance bond. I also understand that if I am awarded the contract and fail to execute it or work under it, I will be required to forfeit to the Department an amount equal to 10% of my total bid amount.** Failure to forfeit the 10% penalty will result in being considered ineligible to bid on any state timber sales for a two-year duration. In the event the highest bidder can not or will not sign the contract, the award will be made to the next highest qualified bid.

Notice: I understand:

Utilization specifications and estimated volumes are listed in the prospectus which is available upon request from the Department.

A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

| |
|--------------------------------------|
| Signature of Bidder |
| Bidder's Name (Please Print or Type) |
| Phone Number (include area code) |
| Email Address (optional) |