



Dear Prospective Bidders,

Enclosed you will find 9 salvage sale tracts on the Kettle Moraine State Forest – Northern Unit. Most of these tracts have been offered before with no bids; therefore, ***minimum advertised values were lowered*** to account for time since wind event, likely deterioration in timber quality and recoverable volumes, and current market conditions. The 9 sales are briefly summarized in the table below. Sealed bids will be received by the Forester, Kettle Moraine State Forest – Northern Unit, up to ***2:00 p.m. on Friday, August 21st, 2020, 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 p.m. on Friday, September 25th, 2020 for unsold sales at same address.

Tract #	Sale Name	Acres	Sale Type	MBF	Pulp (Tons)	Hardwood, Conifer, or Both	Minimum Advertised Value
1-20	Whirlwind Salvage	64	Mill Scale	51.99	1,645	Both	\$ 5,608.35
2-20	Twin Towers Salvage	55	Mill Scale	128.91	2,485	Hardwood	\$ 6,686.56
3-20	Deer / Division Salvage	52	Mill Scale	66.67	745	Hardwood	\$ 3,224.46
4-20	Vista Drive Hardwood Salvage	35	Mill Scale	40.80	750	Hardwood	\$ 2,640.60
6-20	Three Islands Salvage	25	Mill Scale	61.57	685	Hardwood	\$ 2,717.18
7-20	Two Curves Conifer Salvage	64	Mill Scale	0	1,315	Conifer	\$ 5,608.50
8-20	Birchwood Salvage	69	Mill Scale	29	905	Both	\$ 2,606.50
6-19	County V Salvage	66	Mill Scale	157.05	2,005	Hardwood	\$ 9,038.70
7-19	County V South Salvage	76	Mill Scale	157.05	2,005	Hardwood	\$ 9,038.70

Species volumes, harvest guidelines, sale conditions, and locations of the sale areas are included in this mailing. All contract provisions and requirements remain in full force and effect.

In order to place a bid for any of these sales you must use the *Timber Sale Bid* forms (Form 2400-049) 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 \$ 0.01 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 Friday, August 21st, 2020.*** 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

Please feel free to contact me with any questions.

Sincerely,

Adam Zirbel
Forester - Northern Unit of the Kettle Moraine State Forest
1155 Pilgrim Rd.
Plymouth, WI 53073
Email: Adam.Zirbel@Wisconsin.gov

TIMBER SALE PROSPECTUS
KETTLE MORAINES STATE FOREST – NORTHERN UNIT
2020 SALE CONDITIONS – ALL SALES

The following sale specifications apply to all sales offered in the
Northern Unit Kettle Moraine State Forest Bid Opening on August 21st, 2020.
All Lands are 3rd party certified

Bidding Instructions

- 1) Winning bidders will have 6 weeks from bid opening date to submit an acceptable performance bond equal to 15% of the total sale bid value to the Department or \$1,000.00; whichever is greater.
- 2) 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.
- 3) Bids must be submitted on Timber Sale Bid Form # 2400-049

Utilization Requirements

- 1) Sawlogs: 8' straight and sound log to a 11" diameter-inside-bark (dib) top.
- 2) Pulp & Bolts: Hardwoods – 100" straight and sound to an 8" diameter inside bark (dib) top required; hardwoods utilization to a smaller diameter is encouraged / allowed but not required. Conifers - 100" straight and sound to a 4" diameter inside bark (dib) top required.

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) 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) Any and all damage to 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 to arrange for an on-site inspection 48 hours prior to delivering and removing equipment to / from the sale area.

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. Accesses along County and Township roads may require temporary culvert permits; which will be the

TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST – NORTHERN UNIT
2020 SALE CONDITIONS – ALL SALES

responsibility of the Purchaser. The Forester must be contacted at least 48 hours prior to construction of a landing, road, or access.

- 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) When accessing town roads or highways from a landing, signage will be required to indicate trucks entering roadway.
- 4) 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.
- 5) No woodpiles may be left on the landing for more than 30 days without advance approval of the Seller.
- 6) All spring poles (saplings tipped over from the equipment) will be cut at the base.
- 7) All trees marked or designated to be cut must be felled unless otherwise agreed upon by the Forester and Purchaser.
- 8) No harvesting during gun deer opening weekend and a period between Thanksgiving and the close of gun deer season.
- 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.
- 12) 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).

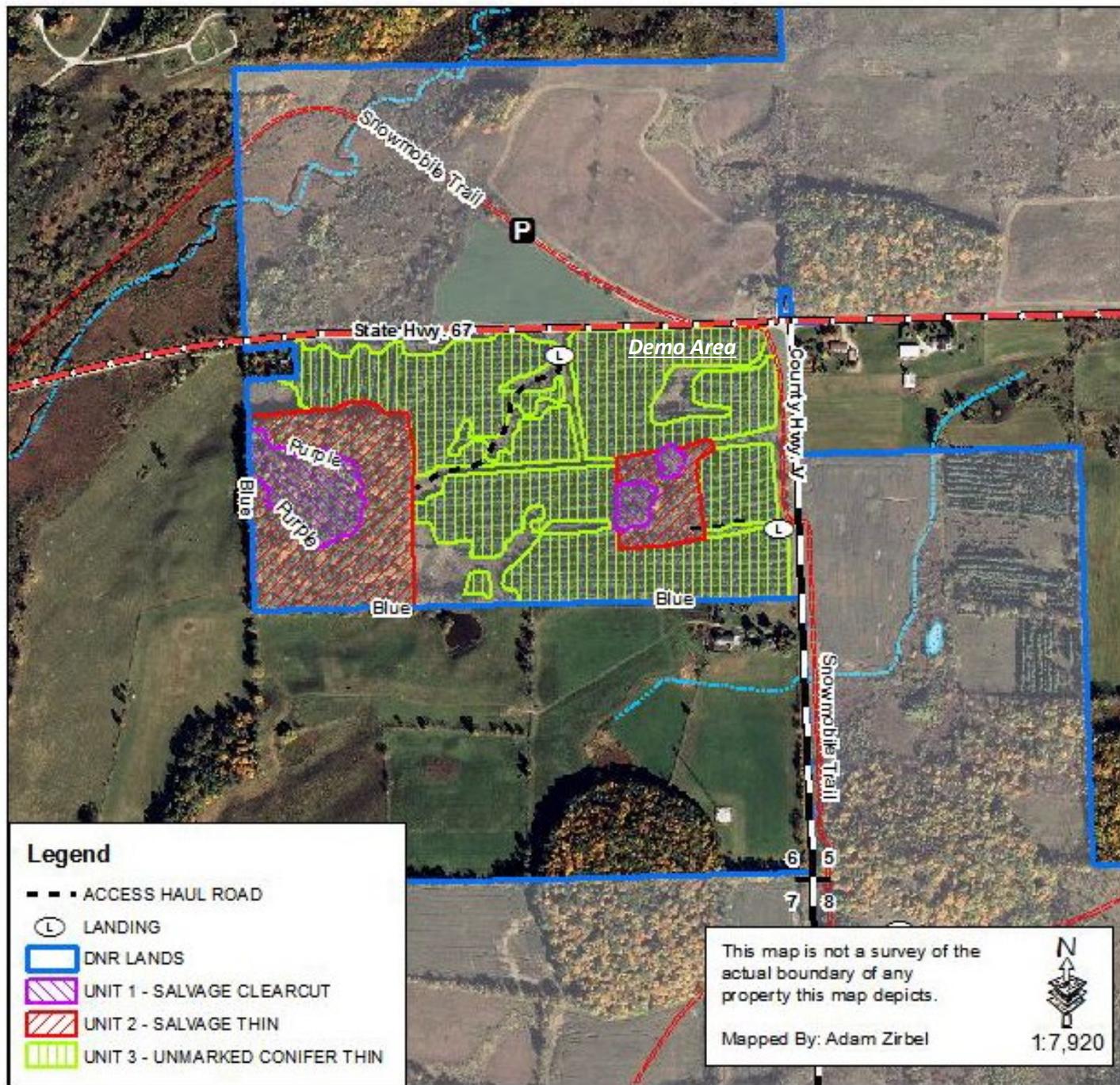
Special Conditions: 3rd Party Certification

- 1) All timber sales advertised are Third Party Certified

Whirlwind Salvage - Tract #: 1-20
 Kettle Moraine State Forest – Northern Unit
 Legal Descriptions: NWSE, NESE – Section 6
 T14N R20E Mitchell Township, Sheboygan County, WI
 64 acres



Forester Contact Information:
 Adam Zirbel-DNR Forester
 Cell Primary: (920) 400-0164
 Email: Adam.Zirbel@Wisconsin.gov



Unit 1 – Salvage Clearcut – (6 acres) Harvest all trees over 2” diameter within PURPLE paint boundaries. Reserve any trees marked with GREEN paint.

Unit 2 – Salvage Thin – (16 acres) Harvest all trees marked with ORANGE paint and any windthrown trees from 2018 wind event.

Unit 3 – Conifer/Oak Modified Unmarked Thin – (42 acres) Stand was originally planted as a 50/50 mixed oak - conifer plantation with good survival on conifers and a low, variable survival on the oaks. Thin the conifer component from below removing approximately 1/3 of the conifers in the intermediate and overtopped crown classes utilizing oak rows for operational access. When 3 or more surviving oaks are present in row or grouping, remove immediately adjacent conifer row to facilitate equipment operation. Salvage all storm damage. See **1-acre demonstration area** on map.

Whirlwind Salvage - Tract #: 1-20
Kettle Moraine State Forest – Northern Unit
Legal Descriptions: NWSE, NESE – Section 6
T14N R20E Mitchell Township, Sheboygan County, WI
64 acres



Forester Contact Information:
Adam Zirbel-DNR Forester
Cell Primary: (920) 400-0164
Email: Adam.Zirbel@Wisconsin.gov

Volume Estimates:

Sawtimber		Pulp / Bolts	
<u>Species</u>	<u>MBF</u>	<u>Species</u>	<u>Tons</u>
MX Hardwood*	37.53	White Pine	705
Oak**	9.47	MX Hardwoods***	455
Hard (Sugar) Maple	4.99	White Spruce	190
		Basswood	175
		Oak****	80
		Aspen	40
TOTAL MBF	51.99	TOTAL TONS	1645

*-MX Hardwood MBF is 40% Basswood, 40% Ash, 18% Hickory, and 2% Elm. **- Oak MBF is 62% Red Oak and 38% White Oak. ***- MX Hardwood Pulp/Bolts is 25% Ash, 13% Bitternut Hickory, 12% Hard Maple, 4% Shagbark Hickory, 4% Elm, 2% Black Cherry, 2% Beech, and 2% Box Elder.
**** - Oak Pulp/Bolts is 58% Red Oak and 42% White Oak

Contract Ending Date: Dec. 30th, 2022 **Sale Method:** Mill Scale **Minimum Bid Value:** \$ 5,608.35

Utilization Standards: 8” top (All Hardwood); 4” top (All Conifer) **Biomass Harvesting:** Allowed

Operational Considerations:

1. Harvest restricted to dry or frozen soil conditions between **July 15th** and **April 1st** of any calendar year.
2. No harvesting during gun deer opening weekend and a period starting Thanksgiving through the close of the 9-day traditional gun deer season.
3. Utilization requirements: ***Hardwood Pulp/Bolts - utilize all merchantable products to an 8” top***, hardwoods utilization to a smaller diameter is encouraged / allowed; but not required. ***All Conifer Pulp/Bolts shall be utilized to a 4” top.***
4. Heterobasidion Root Disease (HRD) Treatment. This sale requires the Purchaser to complete HRD preventive treatment 4/1-11/30. Treatment must be performed by a Certified Pesticide Applicator. Treatment involves treating all fresh-cut stumps of pines of merchantable size by applying either CELLU-TREAT (disodium octaborate tetrahydrate) or Rotstop C (*Phlebiopsis gigantea*). Treatment shall be made as soon as possible and no later than one day after harvest. 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.

Conversion Factors / Scaling: The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood and oak cordwood were developed by weighted average of cruise estimates based on species volume distribution.

CORDWOOD WEIGHT CONVERSION FACTORS (POUNDS PER CORD)

<u>Species</u>	<u>Weight (lbs.)</u>	<u>Weight (Tons)</u>
White Pine	4200	2.100
MX Hardwood	4630	2.315
White Spruce	4000	2.000
Basswood	3850	1.925
Oak	5640	2.820
Aspen	4500	2.250

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.

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) Kettle Moraine State Forest - Northern Unit (Whirlwind Salvage)	Tract Number 1-20
---	----------------------

Date and Hour of Bid Opening 2:00 PM on Friday, August 21st, 2020 @ Plymouth Service Center	Minimum Acceptable Bid (optional) \$5,608.35
--	---

Species-All bids including Lump Sum bids must be by species	Utilization Specifications (4 inch/Whole Tree/Logs)	Estimated Volume	Volume Units (tons/cords/mbf)	Price Bid Per Unit	Total Bid Value on Estimated Volume
Mixed Hardwood	Logs	37.53	MBF		
Oak	Logs	9.47	MBF		
Hard (Sugar) Maple	Logs	4.99	MBF		
White Pine	4"	705	Tons		
Mixed Hardwood	8"	455	Tons		
White Spruce	4"	190	Tons		
Basswood	8"	175	Tons		
Oak	8"	80	Tons		
Aspen	8"	40	Tons		

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

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

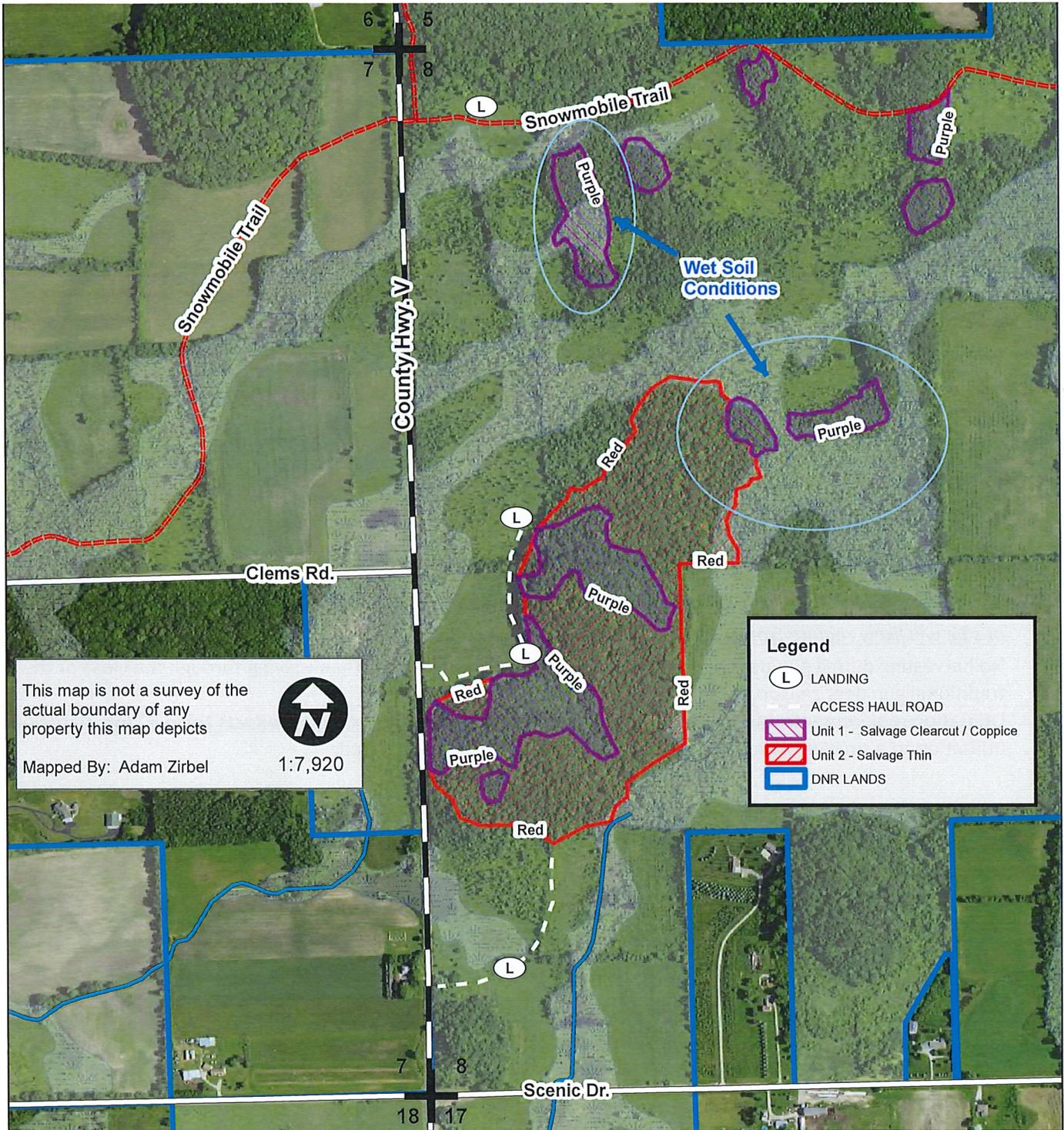
A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

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

Twin Towers Salvage - Tract #: 2-20
Kettle Moraine State Forest – Northern Unit
Legal Descriptions: NWNW, NENW, SWNW, SENW,
and NWSW– Section 8
T14N R20E Mitchell Township, Sheboygan County, WI
55 acres



Forester Contact Information:
 Adam Zirbel
 Cell Primary: (920) 400-0164
 Email: Adam.Zirbel@Wisconsin.gov



Unit 1 – Salvage Clearcut / Coppice– (22 acres) Harvest all trees over 2” diameter within PURPLE paint boundaries. Reserve any trees marked with GREEN paint.

Unit 2 – Salvage Thin – (33 acres) Harvest all trees marked with ORANGE paint and any windthrown / uprooted trees from 2018 wind event within RED paint boundary.

Twin Towers Salvage - Tract #: 2-20
Kettle Moraine State Forest – Northern Unit
Legal Descriptions: *NWNW, NENW, SWNW, SENW,*
and NWSW– Section 8
T14N R20E Mitchell Township, Sheboygan County, WI
55 acres



Forester Contact Information:
Adam Zirbel – DNR Forester
Cell Primary: (920) 400-0164
Email: Adam.Zirbel@Wisconsin.gov

Volume Estimates:

Sawtimber		Pulp / Bolts	
<u>Species</u>	<u>MBF</u>	<u>Species</u>	<u>Tons</u>
Ash	72.42	Aspen	1475
Mixed Hardwood*	30.74	MX Hardwoods***	675
Hard (Sugar) Maple	21.20	Hickory / Beech / Oak****	260
Oak**	4.55	Basswood	75
TOTAL MBF	128.91	TOTAL TONS	2485

*- Mixed Hardwood MBF - 35% Basswood, 29% Hickory, 25% Beech, 5% Black Cherry, 3% Red Maple, 1% Elm, 1% White Birch, and 1% Butternut.

** - Oak MBF - 68% Red Oak and 32% White Oak ***MX Hardwoods Pulp/ Bolts – 63% Ash, 19 % Hard Maple, 6% Elm, 6% Ironwood, 3% Black Cherry and 2% Red Maple. **** - Hickory / Beech / Oak Pulp/Bolts – 54% Hickory, 37% Beech, 6% Red Oak and 3% White Oak

Contract Ending Date: Dec. 30th, 2022 **Sale Method:** Mill Scale **Minimum Bid Value:** \$ 6,656.56

Utilization Standards: 8” top (All Hardwood) **Biomass Harvesting:** Allowed

Operational Considerations:

1. Harvest restricted to dry or frozen soil conditions between **July 15th** and **April 15th** of any calendar year. *Portions of sale will likely require frozen conditions* (see “wet soil conditions” on map)
2. No harvesting during gun deer opening weekend and a period starting Thanksgiving through the close of the 9-day traditional gun deer season.
3. Utilization requirements: **All Hardwood Pulp/Bolts - utilize all merchantable products to an 8” top**, hardwood utilization to a smaller diameter is encouraged / allowed but not required.

Conversion Factors / Scaling: The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood and oak cordwood were developed by weighted average of cruise estimates based on species volume distribution.

CORDWOOD WEIGHT CONVERSION FACTORS (POUNDS PER CORD)

<u>Species</u>	<u>Weight (lbs.)</u>	<u>Weight (Tons)</u>
Aspen	4500	2.250
MX Hardwood	4740	2.370
Hickory / Beech / Oak	5290	2.645
Basswood	3850	1.925

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

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) Kettle Moraine State Forest - Northern Unit (Twin Towers Salvage)	Tract Number 2-20
---	----------------------

Date and Hour of Bid Opening 2:00 PM on Friday, August 21st, 2020 @ Plymouth Service Center	Minimum Acceptable Bid (optional) \$6,686.56
--	---

Species-All bids including Lump Sum bids must be by species	Utilization Specifications (4 inch/Whole Tree/Logs)	Estimated Volume	Volume Units (tons/cords/mbf)	Price Bid Per Unit	Total Bid Value on Estimated Volume
Ash	Logs	72.42	MBF		
Mixed Hardwoods	Logs	30.74	MBF		
Hard (Sugar) Maple	Logs	21.2	MBF		
Oak	Logs	4.55	MBF		
Aspen	8"	1,475	Tons		
Mixed Hardwoods	8"	675	Tons		
Hickory / Beech / Oak	8"	260	Tons		
Basswood	8"	75	Tons		

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

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

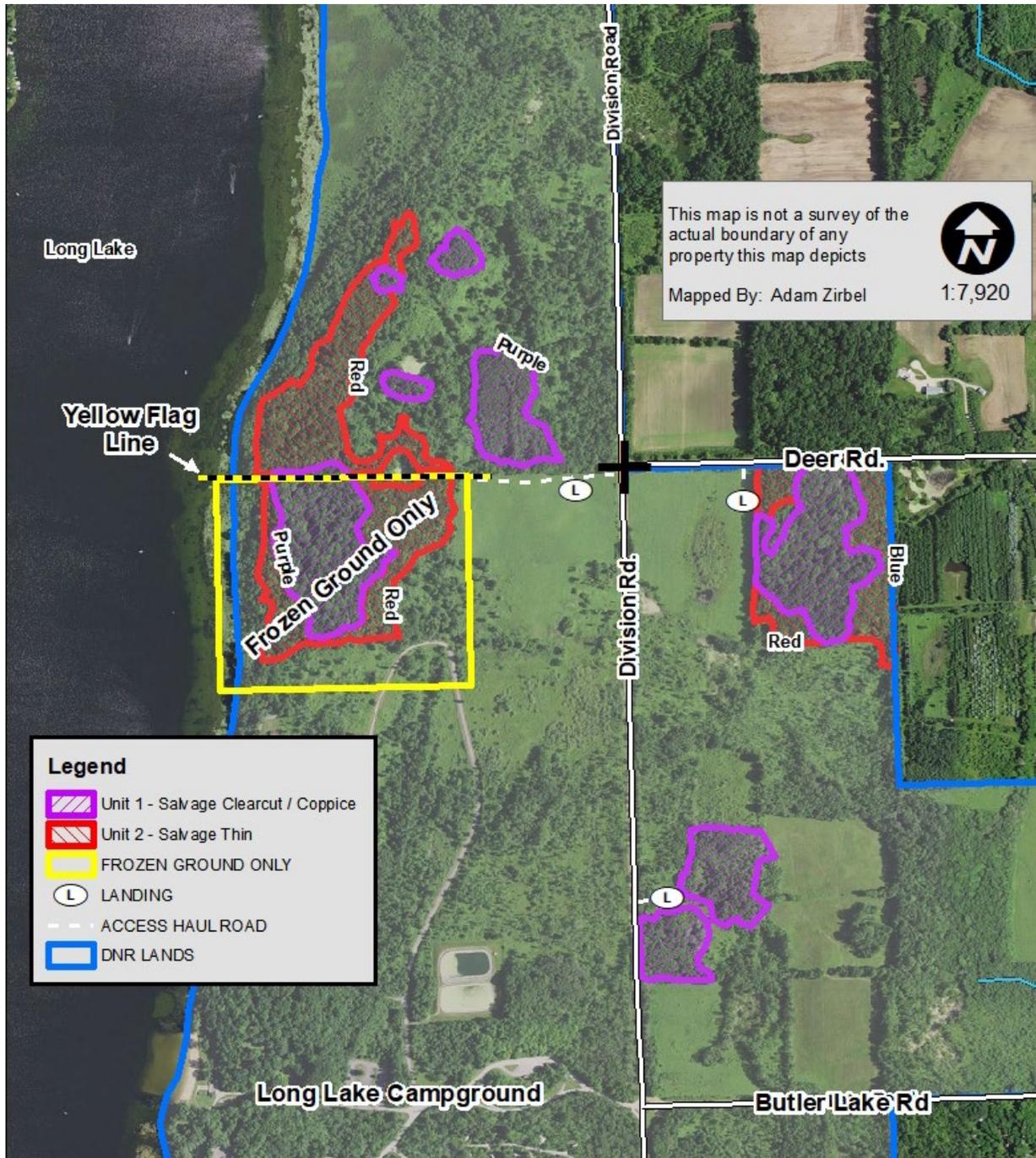
A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

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

Deer / Division Salvage - Tract #: 3-20
Kettle Moraine State Forest – Northern Unit
Legal Descriptions: NWNW, SWNW – Section 19
T14N R20E Mitchell Township, Sheboygan County, WI
SESE, SWSE – Section 13 & NENE, NWNE – Section 24
T14N R19E Osceola Township, Fond du Lac County, WI
52 acres



Forester Contact Information:
 Adam Zirbel-DNR Forester
 Cell Primary: (920) 400-0164
 Email: Adam.Zirbel@Wisconsin.gov



Unit 1 – Salvage Coppice / Clearcut – (29 acres) Harvest all trees over 2” diameter within PURPLE paint boundaries. Reserve any trees marked with GREEN paint. See map for area requiring FROZEN GROUND ONLY (Yellow Box)

Unit 2 – Salvage Thin – (23 acres) Harvest all trees marked with ORANGE paint and any windthrown/uprooted trees from 2018 wind event within RED or BLUE (private lands) paint boundaries. See map for area requiring FROZEN GROUND ONLY (Yellow Box)

Deer / Division Salvage - Tract #: 3-20
Kettle Moraine State Forest – Northern Unit
Legal Descriptions: NWNW, SWNW – Section 19
T14N R20E Mitchell Township, Sheboygan County, WI
SESE, SWSE – Section 13 & NENE, NWNE – Section 24
T14N R19E Osceola Township, Fond du Lac County, WI
52 acres



Forester Contact Information:
Adam Zirbel-DNR Forester
Cell Primary: (920) 400-0164
Email: Adam.Zirbel@Wisconsin.gov

Volume Estimates:

Sawtimber		Pulp / Bolts	
<u>Species</u>	<u>MBF</u>	<u>Species</u>	<u>Tons</u>
Ash	21.68	Mixed Hardwoods***	350
Mixed Hardwoods*	17.18	Oak / Locust / Hickory****	250
Hard (Sugar) Maple	14.64	Aspen	120
Red Oak**	13.17	Basswood	25
TOTAL MBF	66.67	TOTAL TONS / CORDS	745

* - MX Hardwood MBF - 47% Basswood, 24% Hickory, 15% Elm, 12% Red (Soft) Maple, and 2% Beech. ** - Red Oak MBF - 91% Red Oak and 9% White Oak. *** - MX Hardwood Pulp/Bolts - 66% Ash, 17% Hard Maple, 8% Elm, 5% Black Cherry and 4% White Birch.
**** - Oak/Hickory / Locust Pulp / Bolts – 60% Oak, 22% Locust, and 18% Hickory

Contract Ending Date: June 30th, 2023 **Sale Method:** Mill Scale **Minimum Bid Value:** \$ 3,224.46
Utilization Standards: 8” top (All Hardwood) **Biomass Harvesting:** Allowed

Operational Considerations:

1. Harvest restricted to dry or frozen soil conditions between **July 15th** and **April 15th** of any calendar year. **All harvest activity in NENE of Section 24 (See Yellow Box on Map) will require FROZEN SOIL CONDITIONS ONLY with no stump pulling, downed trees should be cut off near the roots, and roots balls pushed back in or left to rot in place.**
2. No harvesting during gun deer opening weekend and a period starting Thanksgiving through the close of the 9-day traditional gun deer season. Utilization requirements:
3. **Hardwood Pulp/Bolts - utilize all merchantable products to an 8” top**, hardwoods utilization to a smaller diameter is encouraged / allowed but not required.

Conversion Factors / Scaling: 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 were developed by weighted average of cruise estimates based on species volume distribution.

CORDWOOD WEIGHT CONVERSION FACTORS (POUNDS PER CORD)

<u>Species</u>	<u>Weight (lbs.)</u>	<u>Weight (Tons)</u>
MX Hardwood	4630	2.390
Oak / Locust / Hickory	5540	2.720
Aspen	4500	2.250
Basswood	3850	1.925

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

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) Kettle Moraine State Forest - Northern Unit (Deer / Division Salvage)	Tract Number 3-20
---	----------------------

Date and Hour of Bid Opening 2:00 PM on Friday, August 21st, 2020 @ Plymouth Service Center	Minimum Acceptable Bid (optional) \$3,224.46
--	---

Species-All bids including Lump Sum bids must be by species	Utilization Specifications (4 inch/Whole Tree/Logs)	Estimated Volume	Volume Units (tons/cords/mbf)	Price Bid Per Unit	Total Bid Value on Estimated Volume
Ash	Logs	21.68	MBF		
Mixed Hardwoods	Logs	17.18	MBF		
Hard (Sugar) Maple	Logs	14.64	MBF		
Red Oak	Logs	13.17	MBF		
Mixed Hardwoods	8"	350	Tons		
Oak / Locust / Hickory	8"	250	Tons		
Aspen	8"	120	Tons		
Basswood	8"	25	Tons		

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

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

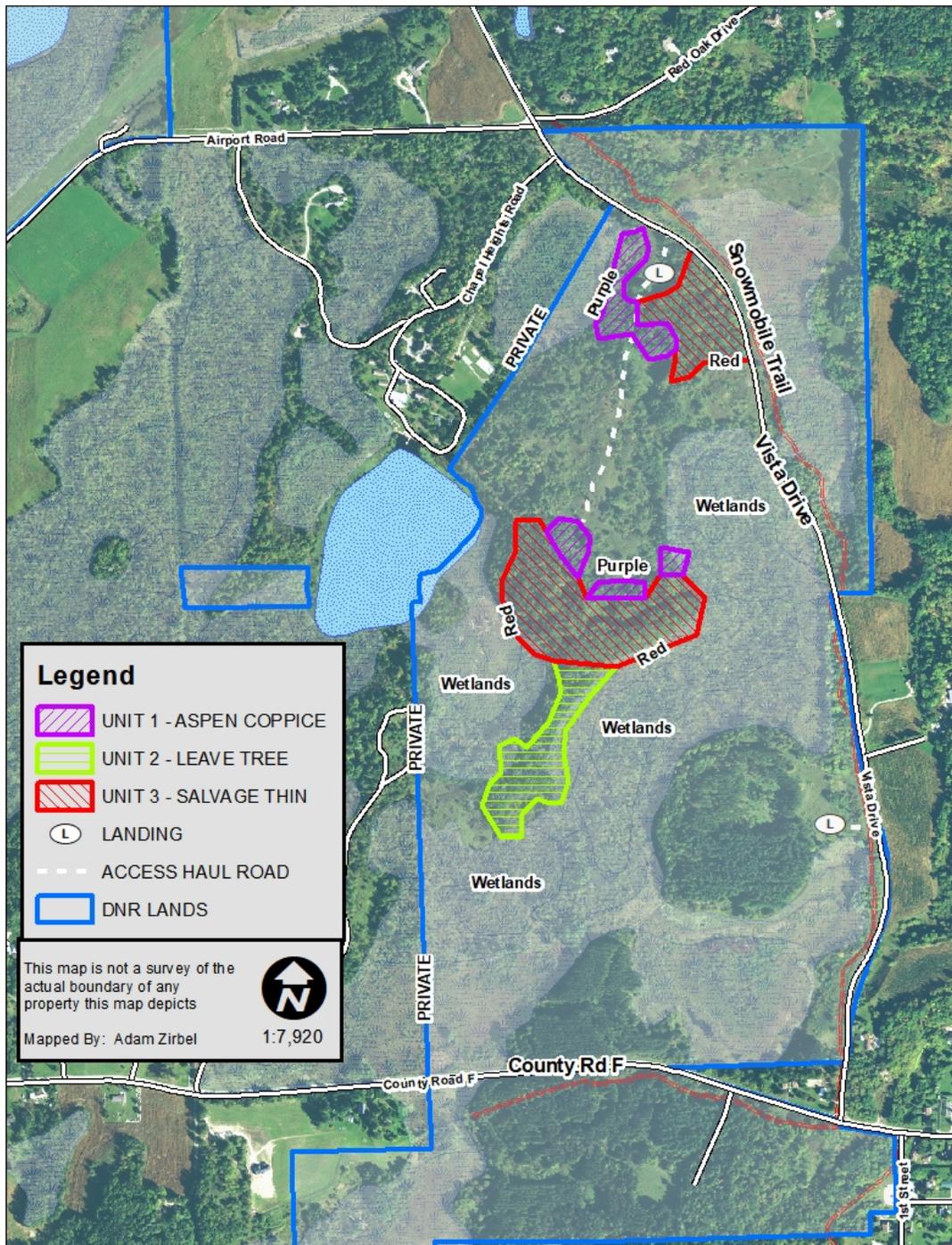
A copy of the standard timber sales contract which must be entered into is available upon request from the Department.

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

Vista Drive Hardwood Salvage - Tract #: 4-20
Kettle Moraine State Forest – Northern Unit
Legal Descriptions: SWSE, SESE – Section 23 &
NWNE, NENE – Section 26 T14N R19E Osceola Township, Fond du Lac County, WI
35 acres



Forester Contact Information:
 Tom VandenElzen - DNR Forester
 Email: Thomas.VandenElzen@wisconsin.gov



Unit 1 – Aspen Coppice – (6 acres) Harvest all trees greater than 2 inches in diameter except oak and hickory within PURPLE paint boundaries.

Unit 2 – Leave Tree – (6 acres) Harvest all trees greater than 2 inches except those marked with green paint.

Unit 3 – Salvage Thin – (23 acres) Harvest all merchantable ash, aspen and all trees marked with orange paint.

**Vista Drive Hardwood Salvage - Tract #: 4-20
Kettle Moraine State Forest – Northern Unit
Legal Descriptions:**



SWSE, SESE – Section 23 & NWNE, NENE – Section 26
T14N R19E Osceola Township, Fond du Lac County, WI
35 acres

Forester Contact Information:
Tom VandenElzen-DNR Forester
Email: Thomas.VandenElzen@wisconsin.gov

Volume Estimates:

Sawtimber		Pulp / Bolts	
<u>Species</u>	<u>MBF</u>	<u>Species</u>	<u>Tons</u>
Red Oak*	26.80	Mixed Hardwoods***	450
Hard (Sugar) Maple	7.20	Aspen	160
Mixed Hardwoods**	6.80	Oak	140
TOTAL MBF	40.80	TOTAL TONS / CORDS	750

*-Red Oak MBF - 84% Red Oak and 16% White Oak. ** - MX Hardwood MBF - 45% Ash, 37% Basswood, 18% Miscellaneous Hardwoods.
***MX Hardwood Pulp/Bolts - 60% Maple, 20% Ash, 7% Basswood 5% Elm, 5% Hickory, and 3 % Birch.

Contract Ending Date: Dec. 30th, 2022 **Sale Method:** Mill Scale **Minimum Bid Value:** \$ 2,640.60
Utilization Standards: 8” top (All Hardwood) **Biomass Harvesting:** Allowed

Operational Considerations:

1. Harvest restricted to dry or frozen soil conditions between **July 15th** and **April 15th** of any calendar year.
2. No harvesting during gun deer opening weekend and a period starting Thanksgiving through the close of the 9-day traditional gun deer season.
3. Utilization requirements: **Hardwood Pulp/Bolts - utilize all merchantable products to an 8” top**, hardwoods utilization to a smaller diameter is encouraged / allowed but not required.

Conversion Factors / Scaling: 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 were developed by weighted average of cruise estimates based on species volume distribution.

CORDWOOD WEIGHT CONVERSION FACTORS (POUNDS PER CORD)

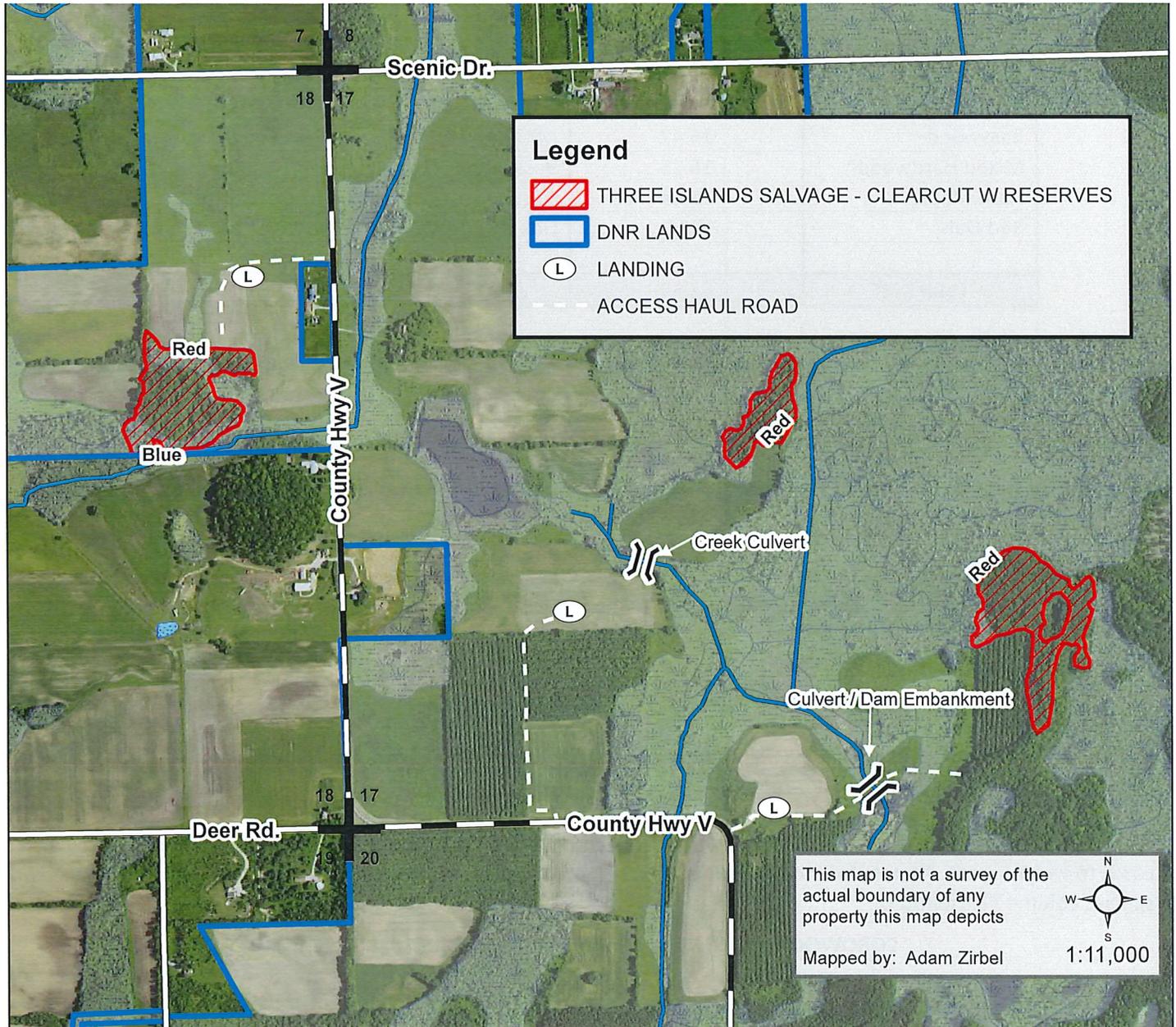
<u>Species</u>	<u>Weight (lbs.)</u>	<u>Weight (Tons)</u>
MX Hardwood	4300	2.150
Aspen	4500	2.250
Oak	5560	2.780

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

Three Islands Salvage - Tract #: 6-20
 Kettle Moraine State Forest – Northern Unit
 Legal Descriptions: SENE, SWNE – Section 18,
 SWNE, NESE, SESE – Section 17,
 T14N R20E Mitchell Township, Sheboygan County, WI
 25 acres



Forester Contact Information:
 Adam Zirbel-DNR Forester
 Cell Primary: (920) 400-0164
 Email: Adam.Zirbel@Wisconsin.gov



Salvage Clearcut w/ Reserves – (25 acres) - Harvest all trees over 2" diameter within RED and BLUE (private landowner) paint boundaries. Reserve all trees marked with GREEN paint.

Three Islands Salvage - Tract #: 6-20
 Kettle Moraine State Forest – Northern Unit
 Legal Descriptions: SENE, SWNE – Section 18,
 SWNE, NESE, SESE – Section 17,
 T14N R20E Mitchell Township, Sheboygan County, WI
 25 acres



Forester Contact Information:
 Adam Zirbel-DNR Forester
 Cell Primary: (920) 400-0164
 Email: Adam.Zirbel@Wisconsin.gov

Volume Estimates:

Sawtimber		Pulp / Bolts	
<i>Species</i>	<i>MBF</i>	<i>Species</i>	<i>Tons</i>
Basswood	25.47	MX Hardwood**	330
Mixed Hardwood*	16.25	Basswood	185
Hard Maple	15.64	Aspen	115
Red Oak	4.21	Oak	55
Total MBF	61.57	TOTAL TONS	685

*MX Hardwood MBF– 43% Ash, 42% Red (Soft) Maple, 6% Black Cherry, 6% White Birch, and 3% Elm. **MX Hardwood Pulp / Bolts – 27% Black Cherry, 18% Elm, 18% Ash, 17% Hard Maple, 13% Hickory, 6% Red Maple, and 1% White Birch

Contract Ending Date: June 30th, 2023 **Sale Method:** Mill Scale **Minimum Bid Value:** \$ 2,717.18
Utilization Standards: 8" top (All Hardwood) **Biomass Harvesting:** Allowed

Operational Considerations:

1. Harvesting and forwarding shall only occur during **frozen** ground conditions between **November 1st** and **March 15th** of any calendar year due to wet soil conditions, access, to avoid impact to threatened / endangered species, and to mitigate oak wilt infection.
2. No harvesting during gun deer opening weekend and a period starting on Thanksgiving through the close of the 9-day traditional gun deer season.
3. **Hardwood Pulp/Bolts - utilize all merchantable products to an 8" top**, hardwoods utilization to a smaller diameter is encouraged / allowed but not required.

Conversion Factors / Scaling: The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood were developed by weighted average of cruise estimates based on species volume distribution.

CORDWOOD WEIGHT CONVERSION FACTORS (POUNDS PER CORD)

<i>Species</i>	<i>Weight (lbs.)</i>	<i>Weight (Tons)</i>
MX Hardwoods	4660	2.330
Basswood	3850	1.925
Aspen	4500	2.250
Oak	5680	2.840

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

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) Kettle Moraine State Forest - Northern Unit (Three Islands Salvage)	Tract Number 6-20
---	----------------------

Date and Hour of Bid Opening 2:00 PM on Friday, August 21st, 2020 @ Plymouth Service Center	Minimum Acceptable Bid (optional) \$2,717.18
--	---

Species-All bids including Lump Sum bids must be by species	Utilization Specifications (4 inch/Whole Tree/Logs)	Estimated Volume	Volume Units (tons/cords/mbf)	Price Bid Per Unit	Total Bid Value on Estimated Volume
Basswood	Logs	25.47	MBF		
Mixed Hardwoods	Logs	16.25	MBF		
Hard (Sugar) Maple	Logs	15.64	MBF		
Red Oak	Logs	4.21	MBF		
Mixed Hardwoods	8"	330	Tons		
Basswood	8"	185	Tons		
Aspen	8"	115	Tons		
Oak	8"	55	Tons		

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

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

Two Curves Conifer - Tract #: 7-20
Kettle Moraine State Forest – Northern Unit
Legal Descriptions: SESW, SWSW – Section 17
T14N R20E Mitchell Township, Sheboygan County, WI
64 acres



Forester Contact Information:
Adam Zirbel-DNR Forester
Cell Primary: (920) 400-0164
Email: Adam.Zirbel@Wisconsin.gov



Unit 1-3 – Conifer/Oak Modified Unmarked Thin – (64 acres) Stand was originally planted as a 50/50 mixed oak - conifer plantation with good survival on conifers and a low, variable survival on the oaks. Ash and box elder have seeded into the stands. Thin the conifer component from below removing approximately 1/3 of the conifers in the intermediate and overtopped crown classes utilizing oak rows for operational access. When 3 or more surviving oaks are present in row or grouping, remove immediately adjacent conifer row to facilitate equipment operation. Only in cases where 3 or more surviving oaks are present can 50% of the conifers be harvested. Salvage all storm damage; ash and box elder are designated for harvest.

Two Curves Conifer - Tract #: 7-20
Kettle Moraine State Forest – Northern Unit
Legal Descriptions: SESW, SWSW – Section 17
T14N R20E Mitchell Township, Sheboygan County, WI
64 acres



Forester Contact Information:
Adam Zirbel-DNR Forester
Cell Primary: (920) 400-0164
Email: Adam.Zirbel@Wisconsin.gov

Volume Estimates:

Pulp / Bolts	
<u>Species</u>	<u>Tons</u>
White Spruce	640
White Pine	590
MX Hardwood*	85
TOTAL TONS	1315

*MX Hardwood-60% Ash, 40% Box Elder

Contract Ending Date: Dec. 30th, 2022 **Sale Method:** Mill Scale **Minimum Bid Value:** \$ 5,608.50
Merchantability Standards: 4" top **Biomass Harvesting:** Allowed

Operational Considerations:

1. Harvest restricted to dry or frozen soil conditions between **July 15th** and **April 1st** of any calendar year.
2. No harvesting during gun deer opening weekend and a period starting Thanksgiving through the close of the 9-day traditional gun deer season.
3. 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.

Conversion Factors / Scaling: The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood were developed by weighted average of cruise estimates based on species volume distribution.

CORDWOOD WEIGHT CONVERSION FACTORS (POUNDS PER CORD)

<u>Species</u>	<u>Weight (lbs.)</u>	<u>Weight (Tons)</u>
White Spruce	4000	2.000
White Pine	4200	2.100
MX Hardwood	4600	2.300

- 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.

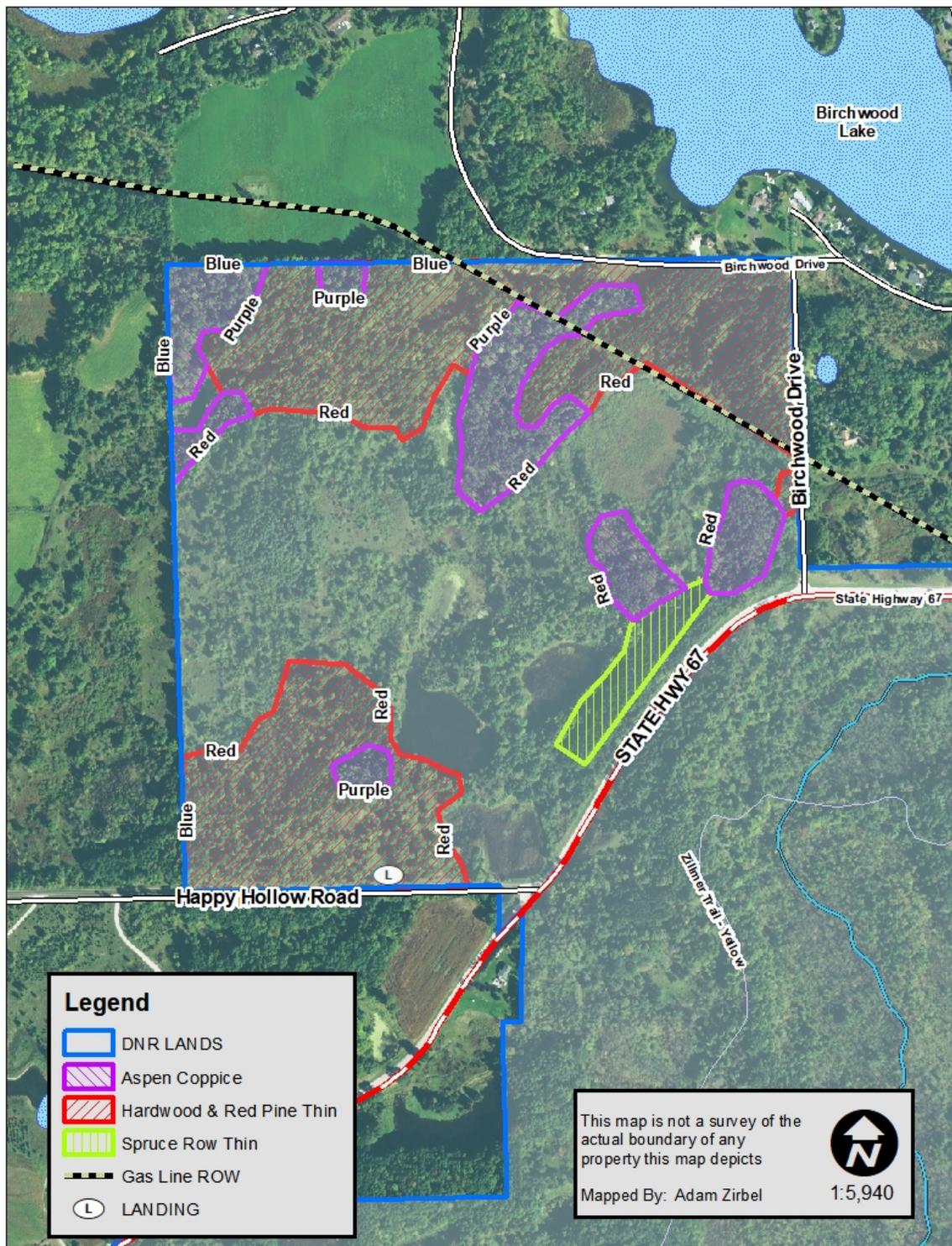
Birchwood Salvage - Tract #: 8-20
Kettle Moraine State Forest – Northern Unit
Legal Descriptions:



Forester Contact Information:
Tom VandenElzen-DNR Forester
Email: Thomas.VandenElzen@wisconsin.gov

NWNE, NENE, SWNE, SENE of Section 34 T14N R19E Osceola Township, Fond du Lac County, WI

69 acres



- Unit 1 – Aspen Coppice** – Cut all trees greater than 2 inches in diameter except oak within PURPLE paint boundaries.
- Unit 2 – Hardwood & Red Pine Thin** – Cut all merchantable ash, elm, aspen, trees marked with ORANGE paint, and all merchantable trees leaning over 25° and all spring-poles. Harvest all merchantable trees snapped or sheared above 100” in height. Harvest all merchantable trees with over 50% of their live crown sheared or snapped off.
- Unit 3 – Spruce Row Thin** – Cut rows designated by ORANGE marked trees on the north end of the rows.

Birchwood Salvage - Tract #: 8-20
Kettle Moraine State Forest – Northern Unit
Legal Descriptions:



NWNE, NENE, SWNE, SENE of Section 34
 T14N R19E Osceola Township, Fond du Lac County, WI

69 acres

Volume Estimates:

Forester Contact Information:
 Tom VandenElzen-DNR Forester
 Email: Thomas.VandenElzen@wisconsin.gov

Sawtimber		Pulp / Bolts	
<i>Species</i>	<i>MBF</i>	<i>Species</i>	<i>Tons</i>
Mixed Hardwood*	14.00	Mixed Hardwoods**	325
Red Oak	10.00	Oak	265
Hard (Sugar) Maple	5.00	Aspen	135
		Red Pine	90
		Spruce	90
TOTAL MBF	29.00	TOTAL TONS / CORDS	905

** - MX Hardwood MBF - 36% Basswood, 21% Ash, 19 % Red (Soft) Maple, and 24% Mixed Hardwoods. ***MX Hardwood Pulp/Bolts - 48% Maple, 28% Ash, 11% Basswood, 6% Elm, 4% Hickory, and 3 % Birch.

Contract Ending Date: Dec. 30th, 2022 **Sale Method:** Mill Scale **Minimum Bid Value:** \$ 2,606.50

Utilization Standards: 8” top (All Hardwood); 4” top (All Conifer) **Biomass Harvesting:** Allowed

Operational Considerations:

1. Harvest restricted to dry or frozen soil conditions between **July 15th** and **April 15th** of any calendar year.
2. No harvesting during gun deer opening weekend and a period starting Thanksgiving through the close of the 9-day traditional gun deer season.
3. Utilization requirements: **Hardwood Pulp/Bolts - utilize all merchantable products to an 8” top**, hardwoods utilization to a smaller diameter is encouraged / allowed but not required. **All Conifer Pulp/Bolts shall be utilized to a 4” top.**
4. **Heterobasidion Root Disease (HRD) Treatment.** This sale requires the Purchaser to complete HRD preventive treatment 4/1-11/30 on **all conifers**. Treatment must be performed by a Certified Pesticide Applicator. Treatment involves treating all fresh-cut stumps of conifers of merchantable size by applying either CELLU-TREAT (disodium octaborate tetrahydrate) or Rotstop C (*Phlebiopsis gigantea*). Treatment shall be made as soon as possible and no later than one day after harvest. 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.

Conversion Factors / Scaling: 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 were developed by weighted average of cruise estimates based on species volume distribution.

CORDWOOD WEIGHT CONVERSION FACTORS (POUNDS PER CORD)

<i>Species</i>	<i>Weight (lbs.)</i>	<i>Weight (Tons)</i>
MX Hardwood	4600	2.300
Oak	5500	2.750
Aspen	4500	2.250
Red Pine	4500	2.250
Spruce	4000	2.000

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

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) Kettle Moraine State Forest - Northern Unit (Birchwood Salvage)	Tract Number 8-20
---	----------------------

Date and Hour of Bid Opening 2:00 PM on Friday, August 21st, 2020 @ Plymouth Service Center	Minimum Acceptable Bid (optional) \$2,606.50
--	---

Species-All bids including Lump Sum bids must be by species	Utilization Specifications (4 inch/Whole Tree/Logs)	Estimated Volume	Volume Units (tons/cords/mbf)	Price Bid Per Unit	Total Bid Value on Estimated Volume
Mixed Hardwood	Logs	14	MBF		
Red Oak	Logs	10	MBF		
Hard (Sugar) Maple	Logs	5	MBF		
Mixed Hardwood	8"	325	Tons		
Oak	8"	265	Tons		
Aspen	8"	135	Tons		
Red Pine	4"	90	Tons		
Spruce	4"	92	Tons		

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

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

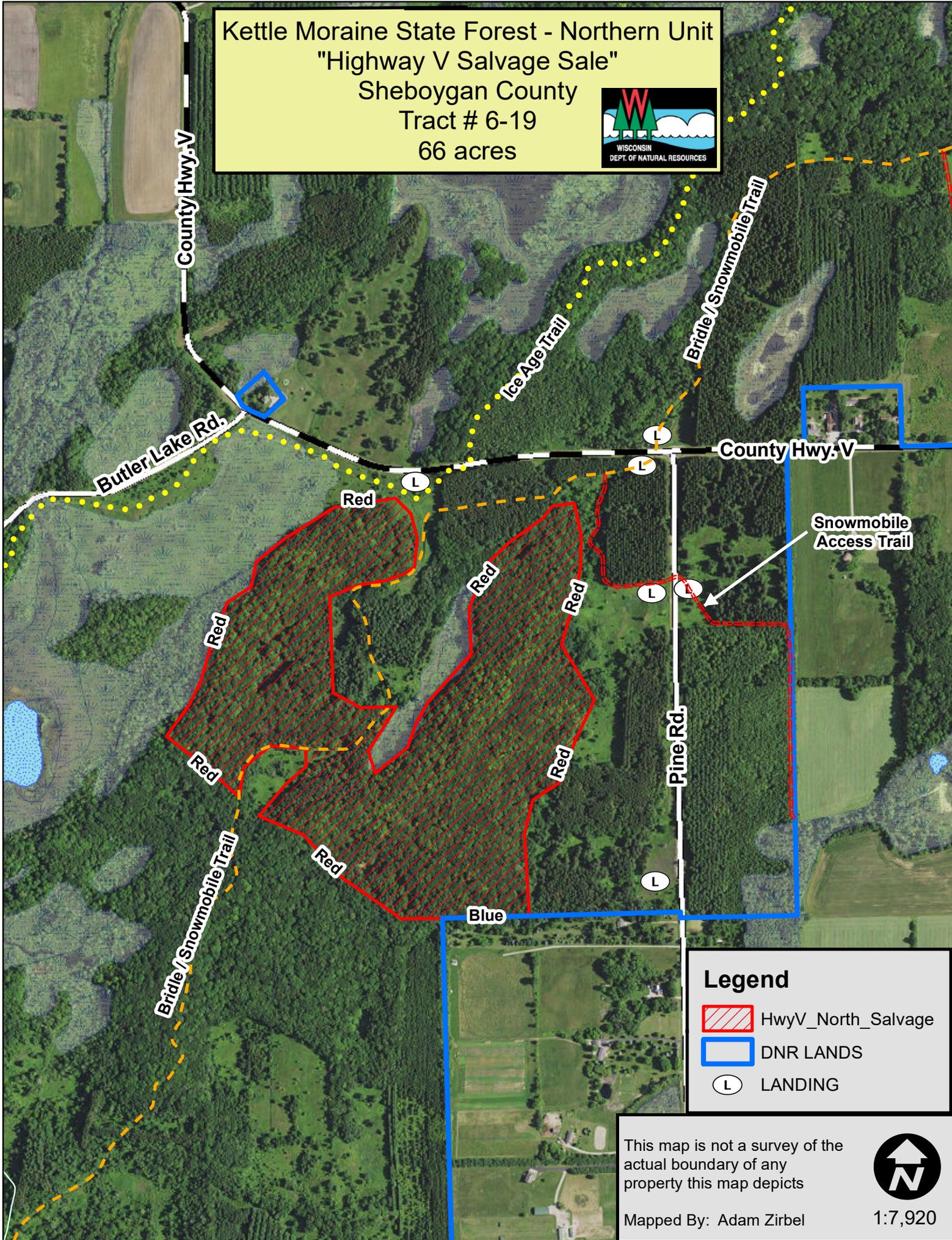
Notice: I understand:

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

Kettle Moraine State Forest - Northern Unit
"Highway V Salvage Sale"
Sheboygan County
Tract # 6-19
66 acres



Legend

- HwyV_North_Salvage
- DNR LANDS
- LANDING

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

Mapped By: Adam Zirbel

1:7,920

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) Kettle Moraine State Forest - Northern Unit (Highway V Salvage)	Tract Number 6-19
---	----------------------

Date and Hour of Bid Opening	Minimum Acceptable Bid (optional) \$9,038.70
------------------------------	---

Species-All bids including Lump Sum bids must be by species	Utilization Specifications (4 inch/Whole Tree/Logs)	Estimated Volume	Volume Units (tons/cords/mbf)	Price Bid Per Unit	Total Bid Value on Estimated Volume
Red Oak	Logs	78.15	MBF		
Hard (Sugar) Maple	Logs	32.5	MBF		
White Oak	Logs	13.1	MBF		
Basswood	Logs	12.5	MBF		
Ash	Logs	10.8	MBF		
Red (Soft) Maple	Logs	7.5	MBF		
Beech	Logs	2.5	MBF		
Mixed Hardwood	8"	1,390	Tons		
Oak	8"	450	Tons		
Aspen	8"	110	Tons		
Basswood	8"	55	Tons		

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

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

SALVAGE TIMBER SALE PROSPECTUS
KETTLE MORaine STATE FOREST TRACT NO. 07-19
HIGHWAY V SOUTH SALVAGE SALE

Township 14 North, Range 20 East, Town of Mitchell, Sheboygan County
Section 20 – NESE, NWSE, SESE, SWSE, SESW
Section 29 – NWNE, NENW, SENW

Sealed bids will be received by the Department of Natural Resources Office at 1155 Pilgrim Road, Plymouth, WI 53073 prior to **2:00PM** on **August 21st, 2020** and will be opened immediately after for the for the timber listed in this prospectus.

- The cutting area is approximately **76 acres**.
- No harvesting between April 1 and July 15.
- The contract period will be until **December 30, 2022**.
- All trees that are marked or designated to be cut shall be utilized to an **8” top diameter**; hardwoods utilization to a smaller diameter is encouraged / allowed but not required.
- **“Mill Scale”** on Sawtimber and Pulpwood.
- 15% of the total sale bid value will be required as performance bond and is due at contract signing.

ESTIMATED VOLUME	
Species / Products	Estimated Volume
Sawlogs	MBF
Red Oak	78.15
Sugar (Hard) Maple	32.50
White Oak	13.10
Basswood	12.50
Ash	10.80
Red (Soft) Maple	7.50
Beech	2.50
TOTAL MBF	157.05
Pulpwood	Tons*
Mixed Hardwood**	1390
Oak***	450
Aspen	110
Basswood	55
TOTAL TONS	2005

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

** Mixed Hardwood Pulp– 60% Hard Maple, 20% Ash, 5% Soft Maple, 5% White Birch, 5% Elm, 5% Hickory.

***Oak Pulp/Firewood – 95% Red Oak, 5% White Oak

Sale Type & Payment Instructions

This is a mill scaled sale on Sawtimber (MBF) and 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.

SALVAGE TIMBER SALE PROSPECTUS
KETTLE MORAIN STATE FOREST TRACT NO. 07-19
HIGHWAY V SOUTH SALVAGE SALE

Sale Access and Landings

Potential sale access and landings are off Highway V, Highway F and Pine Road are identified on sale map (green dots). Landing sites 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 salvage merchantable trees damaged, blown over, snapped off, or destroyed by wind event on August 28th, 2018. Ash was targeted for accelerated removal due to likely mortality by Emerald Ash Borer.

General Cutting Requirements (within RED paint boundaries):

- 1) Harvest all merchantable windthrown trees.
- 2) Harvest all merchantable trees leaning over 25° and all “spring-poles”.
- 3) Harvest all merchantable trees snapped /sheared above 100” in height.
- 4) Harvest all merchantable trees with over 50% of their live crown sheared / snapped.
- 5) Harvest all ash and aspen species regardless of damage status.
- 6) Harvest all trees marked with ORANGE paint (marking will be ongoing by DNR Forester).
- 7) Reserve all trees not falling into above categories.
- 8) Reserve all trees marked with LIGHT GREEN paint (marking will be ongoing by DNR Forester).

Special Operating Requirements.

- 1) Any debris entering trail area within 15 feet of trail shall be removed immediately.
- 2) Harvesting and forwarding shall only occur during dry or frozen ground conditions between contract signing 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.

Conversion Factors

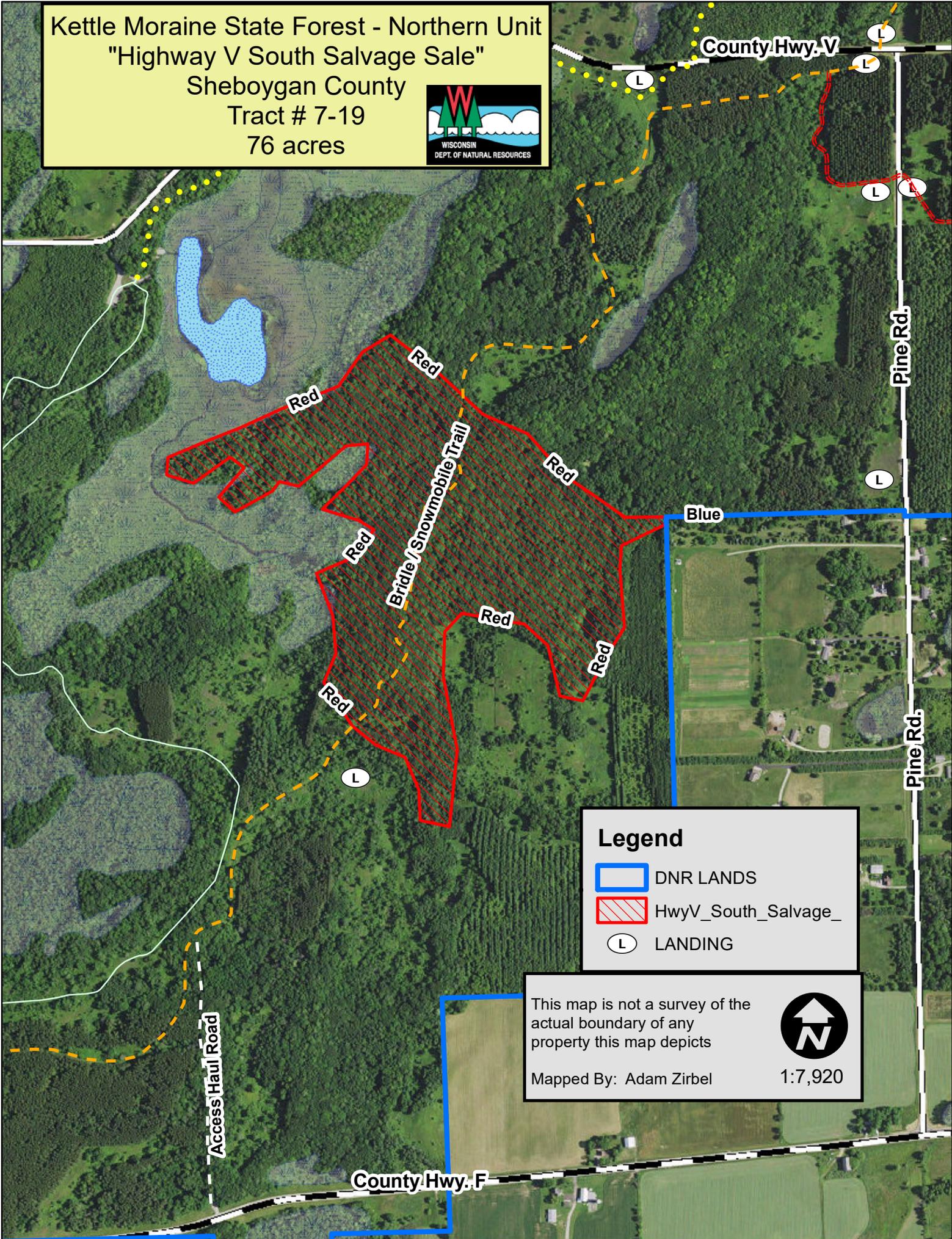
- 1) The following weight conversion will be used in the conversion of weight scale to cords or cords to weight scale. Factors for mixed hardwood cordwood may be developed by weighted average of cruise estimates based on species volume distribution and or ocular estimates.

**CORDWOOD WEIGHT CONVERSION FACTORS
POUNDS PER CORD**

Species	Weight (lbs)	Weight (Tons)
Mixed Hardwood	4600	2.300
Oak	5500	2.750
Aspen	4500	2.250
Basswood	3850	1.925

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

Kettle Moraine State Forest - Northern Unit
"Highway V South Salvage Sale"
Sheboygan County
Tract # 7-19
76 acres



Legend

-  DNR LANDS
-  HwyV_South_Salvage_
-  LANDING

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

Mapped By: Adam Zirbel

1:7,920



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) Kettle Moraine State Forest - Northern Unit (Highway V South Salvage)	Tract Number 7-19
---	----------------------

Date and Hour of Bid Opening	Minimum Acceptable Bid (optional) \$9,038.70
------------------------------	---

Species-All bids including Lump Sum bids must be by species	Utilization Specifications (4 inch/Whole Tree/Logs)	Estimated Volume	Volume Units (tons/cords/mbf)	Price Bid Per Unit	Total Bid Value on Estimated Volume
Red Oak	Logs	78.15	MBF		
Hard (Sugar) Maple	Logs	32.5	MBF		
White Oak	Logs	13.1	MBF		
Basswood	Logs	12.5	MBF		
Ash	Logs	10.8	MBF		
Red (Soft) Maple	Logs	7.5	MBF		
Beech	Logs	2.5	MBF		
Mixed Hardwood	8"	1,390	Tons		
Oak	8"	450	Tons		
Aspen	8"	110	Tons		
Basswood	8"	55	Tons		

The award shall be based on this TOTAL BID AMOUNT:

Performance Bond

Will be in the form of: (select one)

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