

Fall 2019 Iron County Forestry Department Timber Sale Prospectus

Sealed timber sale bids will be accepted for nineteen (19) timber sale tracts, at the IRON COUNTY FORESTRY DEPARTMENT OFFICE; 607 3rd Avenue North – Suite 2, Hurley, WI 54534 (Phone: 715/561-2697; Fax: 715/561-4801), until **8:30 A.M. on Thursday, October 10, 2019.**

Bids received by that time and date will be publicly opened at **9:00 A.M. on Thursday, October 10, 2019** at the Iron County Forestry Office Conference Room, and will be reviewed. Contracts may be awarded to the successful bidders after bids are opened.

Bids submitted for this sale must include at least 10% of the total bid value. Bid Bond will be forfeited upon failure to sign contract by successful bidder. Bidders who previously have had Iron County timber sale contracts ***in default*** or suspended may be required to deposit 100% of the total bid value.

We will be accepting bid deposits for these contracts under these conditions:

1. A check, certified check or money order in an amount that is equal to **10%** of the TOTAL bid value. If you are selected as the successful bidder your bid deposit will be used towards the sale Performance Bond.
2. Irrevocable Letters of Credit will NOT BE ACCEPTED for a bid deposit.
3. **No Surety Bonds** will be accepted.
4. **If you plan to replace the bid deposit check included in your bid with an irrevocable letter of credit, please indicate that in writing on your bid form. Be aware that our department will hold your check for a maximum of Twenty (20) days, then it will be cashed. If your check is returned due to insufficient funds you will not receive a contract for that sale tract.**

If you have any questions about any of the above conditions, please contact the Iron County Forestry Department Office at (715) 561 - 2697.

Successful bidders in this bid opening will be required to submit proof that they are in compliance with Wisconsin requirements for Worker's Compensation Insurance coverage for their employees upon award of contract; and proof that any subcontractors working on their sales are also in compliance with those requirements as a condition of their timber sales contracts.

Successful bidders in this bid opening will be required to ensure that the actual logging contractor *and any subcontractor* complies with the training standard as adopted by the Wisconsin SFI® Implementation Committee (SIC). **Documentation confirming completion of the training standard (FISTA Certificate of Completion) will be required upon award of contract.**

Please note: Iron County Forestry Department policy requires that each cut stick with a small end diameter of ten or more inches, and a length of eight or more feet, and a grade of number three (3) or better, according to “**National Hardwood Lumber Association Log Grading Rules**”, will be scaled as a log using Scriber Decimal C scale at the timber sale site before it is hauled. This will be done regardless of

whether the scaled stick is actually sold as a log, bolt, or pulpwood, by the contractor. All bidders are urged to consider this when they are deciding what to bid for log stumpage on the sales.

Original contract length: All Contracts are for three (3) years unless otherwise noted. Contracts will expire December 31, 2022. (See prospectus and sale maps) **A one (1) year extension *may be granted, with no stumpage increase, provided purchaser has paid for at least 50% of the total bid value.*** Additional extensions of contracts may be granted by the Forestry Committee with up to a 10% stumpage increase.

DAMAGES: The Seller's damages upon the Purchaser's failure to perform this Contract include, but are not limited to: Double the mill value, as determined by the Seller, for the timber cut, removed, or damaged without authorization under or in violation of this Contract.

Utilization will follow specifications described on the map or pulp to a 4-inch minimum top diameter, hardwood sawlogs to a 10-inch minimum top diameter, and softwood sawtimber to a 9-inch minimum top diameter.

Contractors interested in the utilization of biomass (waste) must contact the Iron County Forestry Department for price negotiation and harvest specifications prior to removal.

Prior to logging operations but within six (6) months of the bid opening, a down payment in the amount of:

- **15% of the total bid value** for sales greater than \$10,000 in bid value.
- The entire bid value for sales with a bid value under \$10,000.
- **90% of the bid value for purchasers who have previously failed to make timely payments.**

If cash, check, cashier's check or money order are used for the down payment, the down payment will be credited to the Contract upon Purchaser's payment of no less than 75% of the estimated sale value. If an irrevocable letter of credit is used for the down payment, the irrevocable letter of credit will be returned to the Purchaser upon Purchaser's payment of no less than 90% of the estimated sale value.

The Purchaser will have the option, at the Seller's discretion, to prepay for scale tickets.

The performance bond may be written by an insurance company licensed to do business in Wisconsin, a cash bond, an irrevocable letter of credit, or any other form of security acceptable to Seller. The bond must be valid for six months beyond the expiration of this contract. Failure to submit the bond will be considered a breach of this Contract and subject the Purchaser to liability for damages.

Rutting Policy: In order to provide quantitative standards for defining the limits of acceptable rutting as required for Forest Certification Standards, Iron County Forest enforces the following policy. This policy is a part of the 2006 Fifteen Year Comprehensive Forest Management Plan. These standards will be used on timber sales, landings, skid trails, forest roads and trails, recreation trails (motorized and non-motorized), parks and the Harbor.

Materials that complement the standards are being developed by State and Federal entities. Our past experiences with managing soil quality have been used to develop this policy and will be implemented

for future problem solving. These materials will provide information on how to avoid unintentional soil disturbances and how to correct them if they occur.

This policy should be used in conjunction with field visits and in consultation with contractors, users and equipment operators. The policy should guide decisions made by the administrator and by users; but it does not mandate decisions. On the ground conditions and availability of equipment and other resources should also be considered.

Goals for the management of soil disturbance are to:

- Minimize inadvertent soil disturbance and potential adverse impacts to soil productivity, water quality, fish and wildlife habitat and other natural resources.
- Protect public investment in the Iron County Forest.
- Maintain roads and trails to intended design standards.
- Combine professional expertise and operator (user) experience in the formation of on the ground decisions.
- Provide a protocol for identifying and responding to maintenance needs.

The Iron County Forest recognizes that soil disturbances occur during forestry operations and recreational pursuits. Some disturbances are intentional, such as mechanical site preparation, construction of roads, landings and trails, and improvement of infrastructure and facilities. Other soil disturbances are unintentional, such as ruts or gullies, and may result in tree mortality, reduced forest soil productivity, and reduced water quality. Ruts and other soil disturbances visually suggest poor forest stewardship, even if forest productivity or water quality is not impacted.

Soil disturbance during logging or recreational use can be avoided or minimized by using appropriate equipment, by avoiding forest use on susceptible sites during wet periods, and by carefully monitoring and controlling operations. If they do occur, the potentially negative effects of soil disturbance can be mitigated by remedial actions such as reestablishing drainage or installing erosion controls. Repair and mitigation is less desirable than avoidance because of the cost of implementing and maintaining repair and mitigation practices, the loss of forest productivity, and the possibility that the soil degradation may not be correctable.

Areas with excessive levels of soil disturbance display degradation due to poor site conditions or excessive use. To avoid reaching excessive levels of soil disturbance and to avoid disruption in timber sale and other forest use activities, it shall be the policy of the Iron County Forest to take the following actions:

- Identify areas susceptible to soil disturbance and plan activities accordingly.
- Operate equipment and vehicles only when ground is frozen or dry enough to support the load.
- Monitor air temperature. Equipment or vehicles may not be able to operate once temperatures rise above freezing.
- Avoid sharp turns, especially at base of hills.
- Avoid traveling through depressions.
- Utilize mats made from slash or manufactured material for temporary crossings. Remove when finished.
- Shift all operations to upland areas when soil or temperature conditions deteriorate.
- Reduce loads.

- Use low ground pressure equipment and vehicles.
- Use common sense while operating vehicles on the Iron County Forest, ask yourself “will I cause significant soil disturbance? Do I have the proper equipment and time to repair any damage I cause?”

Excessive soil disturbance requires special attention from timber sale administrators in order to make any necessary recommendations. Classifying a soil disturbance as excessive does not mandate closing of a timber sale or a forest road, however, actions should be taken, as appropriate, to minimize further soil disturbances. A guideline for excessive rutting is as follows:

Roads, landings, skid trails, and general harvest area	A gully or rut 6 inches deep or more and is resulting in channelized flow to a wetland, stream, or lake.
Roads, landings, and primary skid trails	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	A 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 would be measured from the start of the too deep section to the end of the too deep section. Measurements are not cumulative.

Iron County Forest Cordwood Weight Conversion Factors: The following weight conversion methods may be used in the conversion of weight scale to standard 128 cubic foot cord.

<u>Species</u>	<u>Weight (lbs)</u>
Hemlock	4,800
Tamarack	4,650
Red Pine	4,500
Jack Pine	4,250
Balsam	4,250
White Pine	4,200
Spruce	4,000
Cedar	3,150
White Oak	5,850
Red Oak	5,500
Yellow Birch	5,350
Hard Maple	5,100
Elm	5,000
Balsam Poplar	4,900
White Birch	4,800
Ash	4,600
Soft Maple	4,550
Aspen	4,500
Basswood	3,850
Mixed Hardwood	4,800

Tract CL2-19

Sec 8, T46N, R1E, Town of Saxon (Hwy 122/Old 10)

Estimated to be: 490 cord Aspen, 140 cord Mixed Hardwood, 235 cord Balsam Fir.

HARVEST SPECIFICATIONS: Unit 1 - Aspen Coppice Harvest (23 ac.) Cut all trees 2" and larger except oak, cedar, hemlock, tamarack, spruce, and pine. Utilize pulpwood to a 4" minimum top diameter.

Unit 2 - Regeneration Harvest (19 ac.) Cut all trees with one (1) or more merchantable pulpwood sticks. Leave all oak, cedar, hemlock, tamarack, spruce, & pine. Utilize pulpwood to a 4" minimum top diameter.

In both units, leave all snags standing where safely possible. Ensure soils are adequately dry or frozen to avoid rutting. No new road construction without permission of sale administrator. No decking along Ruks Road or Old 10 without permission of Town of Saxon. Sale boundaries are blue paint lines and ash swamps. Timber volumes from each unit must be separated for scale. Forest products from this sale are considered non-certified.

Sale area is approximately 42 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$20.00 per cord Aspen, \$20.00 per cord Mixed Hardwood, \$12.00 per cord Balsam Fir.

Tract 16-18

Sec 13, 14, 23, 24, T44N, R2E, Town of Carey (Camp 7 Rd)

Estimated to be: 8 MBF Sugar Maple, 32 MBF Mixed Hardwood, 1200 cord Mixed Hardwood, 620 cord Aspen, 125 cord Balsam Fir, 200 cord Spruce.

HARVEST SPECIFICATIONS: Area 1 (30 acres) Harvest all aspen, balsam fir, and spruce. Also harvest all hardwoods greater than 8 inches dbh. Leave all cedar, hemlock, and pine. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries are two red dots.

Area 2 (15 acres) Harvest all trees marked with orange paint along with all aspen, balsam fir, and spruce. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Harvest will not take place from April 1st through July 1st. Sale boundaries are solid red line.

Area 3 (72 acres) Harvest everything 2 inches dbh and up, except for cedar, hemlock, and pine. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries are two red dots.

Back blade roads. Roads may be required to be bermed.

Sale area is 117 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$217.00 per MBF Sugar Maple, \$105.00 per MBF Mixed Hardwood, \$16.20 per cord Mixed Hardwood, \$15.80 per cord Aspen, \$9.60 per cord Balsam Fir, \$24.30 per cord Spruce.

Tract 23-18

Sec 6, T43N, R3E; Town of Mercer (Moose Lake Rd).

Estimated to be: 13 MBF Mixed Hardwood, 500 cord Mixed Hardwood, 270 cord Aspen, 145 cord Balsam Fir, 110 cord Spruce.

HARVEST SPECIFICATIONS: Harvest everything 2 inches dbh and up, except for cedar, hemlock, tamarack, oak, and pine. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries is two red dots, bog, and 8 year old aspen. Game openings must be left free of any woody debris and ruts. Back blade roads.

Sale area is 48 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$135.00 per MBF Mixed Hardwood, \$20.00 per cord Mixed Hardwood, \$20.00 per cord Aspen, \$12.00 per cord Balsam Fir, \$30.00 per cord Spruce.

Tract 28-18

Sec 9, T43N, R4E, Town of Mercer (Winchester Grade).

Estimated to be: 95 MBF Basswood, 18 MBF Hard Maple, 36 MBF Mixed Hardwood, 1310 cord Mixed Hardwood, 295 cord Balsam Fir, 150 cord Aspen, 311 cord Basswood, 18 cord White Spruce.

HARVEST SPECIFICATIONS: Northern Hardwood Select Cut (107 acres): Cut all trees marked with orange paint, ironwood, aspen and all balsam fir 2" and greater. Leave dead snags and den trees. Do not cut any red and white pine, oak, yellow birch, cedar, and hemlock.

Clearcut (40 acres): Harvest all trees including ironwood and all balsam fir 2" and greater. Do not harvest any red and white pine, oak, yellow birch, cedar, and hemlock. Leave all dead snags and den trees.

Utilize sawlogs to a 10" top diameter and pulpwood to a 4" top diameter. Utilize all designated trees that will yield one 100" pulp stick. Sale boundaries are marked with red and yellow. Strictly follow Wisconsin Best Management Practices for water quality. Do not fall trees in or create skid trails over large areas of advanced regeneration or in wet areas. Retain all trees marked red and yellow. Harvest only on frozen ground to protect the soil from rutting, compaction and to protect the residual stems from damage. Yellow lines where established to differentiate between small areas of the clearcut and the selection harvest. "Logging Ahead" and "Trucks Hauling" signs will be placed on the Winchester Grade Rd, Fisher Lake Rd (Railroad Grade/Beaver Lake Rd) and the snowmobile/ATV/UTV trails any time there is harvesting occurring. All woods roads that are used for this sale will be back bladed upon sale completion and returned to their original condition. Chapter 30 permit may be required.

Sale area is 147 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$128.00 per MBF Basswood, \$253.00 per MBF Hard Maple, \$126.00 per MBF Mixed Hardwood, \$20.00 per cord Mixed Hardwood, \$11.50 per cord Balsam Fir, \$20.00 per cord Aspen, \$5.00 per cord Basswood, \$20.00 per cord White Spruce.

Tract 1-19

Sec 1, T43N, R2E, Town of Mercer; Sec 36, T44N, R2E, Town of Carey (Moose Lake Rd).

Estimated to be: 6 MBF Mixed Hardwood, 1618 cord Aspen, 590 cord Mixed Hardwood, 54 cord Balsam Fir, 34 cord White Spruce.

HARVEST SPECIFICATIONS: Harvest all aspen, mixed hardwood, white spruce and balsam fir 2” in diameter and greater. Do not cut hemlock, pine, tamarack, black spruce, and cedar. Utilize all pulpwood to a 4” minimum top diameter and all sawlogs to a 10” minimum top diameter. Follow all BMPs and prevent/minimize rutting. Leave snags and den trees standing when it is safe to do so. Sale boundary is marked with red paint lines and no slash shall be left across red lines or in wetlands. Back blade all roads upon sale completion.

NO BIDS LESS THAN: \$135.00 per MBF Mixed Hardwood, \$ 20.00 per cord Aspen, \$20.00 per cord Mixed Hardwood, \$12.00 per cord Balsam Fir, \$30.00 per cord White Spruce.

Tract 4-19

Sec 19 & 30, T42N, R2E, Town of Mercer (Roddis Line).

Estimated to be: 87 MBF Hard Maple, 47 MBF Mixed Hardwood, 1074 cord Mixed Hardwood, 20 cord Aspen, 50 cord Spruce, 170 cord Balsam Fir.

HARVEST SPECIFICATIONS: Northern Hardwood Single Tree Selection (118 acres): Cut all trees marked with orange paint, balsam fir, aspen, and ironwood with at least one 100” pulpwood stick. Leave snags and den trees when safe to do so. Do not cut any red or white pine, white cedar, tamarack, or hemlock.

Even-Aged Harvest (9 acres): Harvest all trees greater than 2” except any red or white pine, white cedar, tamarack or hemlock. Leave all snags and den trees when safe to do so.

Utilize sawlogs to a 10” top diameter and pulpwood to a 4” top diameter. Utilize all trees that will yield one 100-inch pulp stick. Mixed conifer includes white and Norway spruce pulpwood and sawlogs. Sale boundaries are marked with red and blue paint. Strictly follow Wisconsin Best Management Practices for water quality. Do not fell trees in or create skid trails over large areas of advanced regeneration or in wet areas. Ensure soil is adequately dry or frozen to minimize rutting and soil compaction. Retain all trees marked with red and blue paint. All woods roads that are used for this sale will be back bladed upon sale completion and openings will be left free of logging debris. Contact landowner for sale access permission.

Sale area is 127 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$275.00 per MBF Hard Maple, \$135.00 per MBF Mixed Hardwood, \$20.00 per cord Mixed Hardwood, \$20.00 per cord Aspen, \$30.00 per cord Spruce, \$12.00 per cord Balsam Fir.

Tract 6-19

Sec 16, T46N, R1E, Town of Saxon (Hwy 122)

Estimated to be: 34 MBF Sugar Maple, 54 MBF Mixed Hardwood, 485 cord Mixed Hardwood, 130 cord Aspen, 15 cord Balsam Fir, 15 cord Spruce, 325 cord Basswood

HARVEST SPECIFICATIONS: Harvest all merchantable aspen, balsam fir, spruce, ash, basswood, and ironwood. Harvest all other hardwood species greater than 10 inches dbh. Leave all cedar, hemlock, oak, elm, and pine. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries are two red dots and blue line. Protect regeneration and survey monuments. Back blade roads upon completion.

Sale area is 69 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$275.00 per MBF Sugar Maple, \$135.00 per MBF Mixed Hardwood, \$20.00 per cord Mixed Hardwood, \$20.00 per cord Aspen, \$12.00 per cord Balsam Fir, \$30.00 per cord Spruce, \$5.00 per cord Basswood.

Tract 12-19

Sec 34, T43N, R1E, Town of Knight (Chippewa Fire Lane/Roddis).

Estimated to be: 6 MBF Mixed Hardwood, 600 cord Mixed Hardwood, 200 cord Aspen, 100 cord Balsam Fir.

HARVEST SPECIFICATIONS: Even-Aged Harvest (32 acres): Harvest all trees greater than 2" except any oak, red or white pine, white cedar, tamarack or hemlock. Leave all snags and den trees when safe to do so.

Utilize sawlogs to a 10" top diameter and pulpwood to a 4" top diameter. Utilize all trees that will yield at least one 100-inch pulp stick. Sale boundaries are marked with red paint on the northern edge of the northern section and blue paint on the southern edge of the southern section where the sale meets Ashland county forest and private land. The rest of the sale borders recently clearcut aspen. Strictly follow Wisconsin Best Management Practices for water quality and invasive species. Do not fell trees in or create skid trails over large areas of advanced regeneration or in wet areas. Ensure soil is adequately dry or frozen to minimize rutting and soil compaction. Retain all trees marked with red and blue paint.

Sale area is approximately 32 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$135.00 per MBF Mixed Hardwood, \$20.00 per cord Mixed Hardwood, \$20.00 per cord Aspen, \$12.00 per cord Balsam Fir.

Tract 15-19

Sec 8, 9, T43N, R4E, Town of Mercer (Beaver Lodge Rd)

Estimated to be: 32 MBF Basswood, 2 MBF Mixed Hardwood, 150 cord Basswood, 525 cord Aspen, 150 cord Mixed Hardwood, 190 cord Balsam Fir, 122 cord Red Pine, 100 cord White Spruce

HARVEST SPECIFICATIONS: Northern Hardwood Select Cut (29 acres): Cut all trees marked with orange paint, Ironwood, aspen, spruce and all balsam fir 2" and greater. Do not cut any red or white pine, oak, yellow birch, cedar, or hemlock.

Pine plantation thinning (6 acres): Harvest all orange painted trees, aspen, birch, maple, spruce, along with ironwood and balsam fir that is greater than 2" at DBH.

Aspen Coppice (12 acres): Harvest all trees including ironwood and all balsam fir 2" and greater. Do not harvest any red or white pine, oak, yellow birch, cedar, tamarack, or hemlock.

White Spruce Clearcut (7 acres): Harvest all trees including ironwood and all balsam fir 2" and greater. Do not harvest any green/teal marked trees, red or white pine, oak, yellow birch, cedar, or hemlock.

1. Utilize sawlogs to a 10" top diameter and pulpwood to a 4" top diameter.
2. Utilize all designated trees that will yield one 100-inch pulp stick.
3. Biomass Harvesting is not allowed.
4. Sale boundaries are marked with red.
5. Strictly follow Wisconsin Best Management Practices for water quality and invasive species.
6. Do not fell trees in or create skid trails over large areas of advanced regeneration or in wet areas.
7. Slash must be lopped and/or scattered to lie within two feet of the ground. No tops or slash allowed across any red line, wetland, or over any trails or roads
8. Retain all trees marked red and green / teal.
9. No harvesting in the aspen stand (west of Beaver Lodge Road) during the months of January through mid-August unless approval of local DNR Wildlife Biologist is given.
10. Landings will not be permitted within the Riparian Zones. Landings and new road construction must be approved by forester prior to construction.
11. Harvest all the stands only during dry or frozen ground conditions to prevent damage to residual trees and advance regeneration and to protect the soil from rutting and soil compaction.
12. "Logging Ahead" and "Trucks Hauling" signs will be placed on Beaver Lodge Road.
13. All woods roads that are used for this sale will be back bladed upon sale completion and returned to their original condition.

The sale consists of 54 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$135.00 per MBF Basswood, \$135.00 per MBF Mixed Hardwood, \$5.00 per cord Basswood, \$20.00 per cord Aspen, \$20.00 per cord Mixed Hardwood, \$12.00 per cord Balsam Fir, \$35.00 per cord Red Pine, \$30.00 per cord White Spruce.

Tract 16-19

Sec 19, T47N, R1W, Town of Gurney (Fire Lane Rd).

Estimated to be: 29 MBF Red Oak, 5 MBF Mixed Hardwood, 5 MBF Basswood, 2 MBF Hard Maple, 370 cord Red Oak, 205 cord Mixed Hardwood, 70 cord Basswood, 5 cord Aspen.

HARVEST SPECIFICATIONS: Cut all orange marked oak, mixed hardwood, and basswood. Also, cut all aspen that contains more than 1 – 100" pulpstick. No cutting of hemlock, cedar or balsam. Utilize pulpwood to a 4" top diameter sawlogs to a 10" top diameter. Any new forest road location and construction is subject to review and approval and all roads will be back bladed upon sale completion. Care should be taken during harvesting to minimize any detrimental effects to the soils. Sale boundaries are red lines, powerline, and blue line. Sale will be free of litter at all times. Follow all BMPs. All slash will remain within sale parameters. No cutting from April 1 – June 30.

The sale area is 81 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$250.00 per MBF Red Oak, \$135.00 per MBF Mixed Hardwood, \$135.00 per MBF Basswood, \$275.00 per MBF Hard Maple, \$15.00 per cord Red Oak, \$20.00 per cord Mixed Hardwood, \$5.00 per cord Basswood, \$20.00 per cord Aspen.

Tract 18-19

Sec 6, T46N, R1W, Town of Gurney (Zeros Rd)

Estimated to be: 1214 cord Red Pine, 75 cord Jack Pine, 46 cord Mixed Hardwood, 10 cord Aspen, 10 cord Mixed Conifer

HARVEST SPECIFICATIONS: Unit 1 - Red Pine Clearcut (14 acres): Harvest all red pine, mixed hardwood, spruce and balsam fir 2" in diameter and greater. Harvest unit boundary uses transition to northern hardwoods timber type north, blue property line west, solid red lines south, and the woods road east.

Unit 2 - Red and Jack Pine strip clearcuts with reserve single tree selection (8 acres): Harvest all trees with at least one 100" pulp stick in red line designated 25' strip clearcut areas. Strips run east and west from woods road. Harvest all trees marked with orange paint within the 50' non-clearcut strips. Harvest unit boundary uses blue property line west, transition to previous clearcut south, and woods road east.

Unit 3 – Red Pine single tree selection (24 acres): Harvest all trees marked with orange paint. Protect residual stock from damage. Harvest unit boundary uses woods road west and transition to northern hardwoods timber type north, south, and east.

Utilize all pulpwood to a 4" minimum top diameter and all sawlogs to a 10" minimum top diameter. No slash shall be left across blue property lines. Follow all BMPs and back blade all roads upon sale completion.

Sale area is approximately 46 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$35.00 per cord Red Pine, \$25.00 per cord Jack Pine, \$20.00 per cord Mixed Hardwood, \$20.00 per cord Aspen, \$12.00 per cord Mixed Conifer.

Tract 19-19

Sec 25 & 36, T44N, R2E, Town of Carey (South Island Lake Rd.)

Estimated to be: 20 MBF Sugar Maple, 19 MBF Mixed Hardwood, 810 cord Mixed Hardwood.

HARVEST SPECIFICATIONS: Single Tree Selection (Northern Hardwoods and Hemlock Hardwoods): Cut all trees marked with orange paint and all ironwood greater than 2" DBH. Leave all standing dead snags and den trees when safe to do so. Do not cut any red or white pine, white cedar, tamarack, or hemlock.

Utilize sawlogs to a 10" top diameter and pulpwood to a 4" top diameter. Utilize all trees that will yield one 100-inch pulp stick. Sale boundaries are either marked with red paint, blue paint, or border open marshland. Strictly follow all Wisconsin Best Management Practices for water quality. Ensure soil is adequately frozen to minimize rutting and soil compaction. Retain all trees marked with red and blue paint. Do not fell trees in or create skid trails over large areas of advanced regeneration or in wet areas.

All slash will be evenly dispersed throughout sale area. No slash shall be left across blue property lines or red sale boundaries. Leave unmerchantable logs where they're cut to remain as coarse woody debris

(ex: large diameter, hollow or rotten logs with no value). All woods roads that are used for this sale will be back bladed upon sale completion and openings will be left free of logging debris. **Harvest on Frozen Ground Only!**

Sale area is approximately 69 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$275.00 per MBF Sugar Maple, \$135.00 per MBF Mixed Hardwood, \$20.00 per cord Mixed Hardwood.

Tract 20-19

Sec 21, 22, 27 & 28, T46N, R1E, Town of Saxon (Boomer Creek Rd.)

Estimated to be: 61 MBF Sugar Maple, 96 MBF Mixed Hardwood, 960 cord Mixed Hardwood, 10 cord Aspen, 80 cord Balsam Fir, 335 cord Basswood.

HARVEST SPECIFICATIONS: Harvest all trees marked with orange paint along with all aspen and balsam fir. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Harvest will take place from December 1st through March 30th. Sale boundaries is solid red line. Suggested to access sale from Tract 19-18 and connect old roads.

Sale area is approximately 133 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$275.00 per MBF Sugar Maple, \$135.00 per MBF Mixed Hardwood, \$20.00 per cord Mixed Hardwood, \$20.00 per cord Aspen, \$12.00 per cord Balsam Fir, \$5.00 per cord Basswood.

Tract 21-19

Sec 34, T45N, R1E, Town of Knight (Snake Track Rd.)

Estimated to be: 22 MBF Hard Maple, 38 MBF Mixed Hardwood, 1278 cord Mixed Hardwood, 66 cord White Spruce, 65 cord Balsam Fir, 10 cord Aspen.

HARVEST SPECIFICATIONS: Harvest all trees marked with orange paint and all balsam fir with at least one 100" pulpstick. Utilize all sawlogs to a 10" minimum top diameter and all pulpwood to a 4" minimum top diameter. Follow water quality BMPs and prevent/minimize rutting and damage to residual trees. Sale boundary is marked with red paint lines and portions of open swamp as indicated on map. Do not skid across interior drainers within the sale area unless approved by Iron County sale administrator.

Harvesting shall take place under frozen conditions only. Slash shall be kept out of wetlands and intermittent streams. Protect regeneration.

Sale area is approximately 110 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$267.00 per MBF Hard Maple, \$131.00 per MBF Mixed Hardwood, \$19.40 per cord Mixed Hardwood, \$29.10 per cord White Spruce, \$11.60 per cord Balsam Fir, \$19.40 per cord Aspen.

Tract 22-19

Sec 21 & 22, T45N, R1W, Town of Anderson (Casey Sag)

Estimated to be: 22 MBF Sugar Maple, 47 MBF Mixed Hardwood, 1650 cord Mixed Hardwood, 280 cord Aspen, 95 cord Balsam Fir, 140 cord Spruce, 105 cord Basswood.

HARVEST SPECIFICATIONS: Area 1 (47 acres) Harvest all trees marked with orange paint along with all aspen, balsam fir, and spruce. Also harvest all salvageable wind damaged trees. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries are solid red lines. Harvest will not take place from April 1st through June 30th.

Harvest Specifications Area 2 (98 acres) Harvest all merchantable trees with a 100 inch stick of wood, except for yellow birch, elm, cedar, hemlock, tamarack, oak, and pine. Also harvest all salvageable wind damaged trees. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries are two red dots.

Harvest Specifications Area 3 (12 acres) Harvest everything 2 inches dbh and up, except for elm, oak, tamarack, cedar, hemlock, and pine. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries are two red dots.

Protect survey monuments. Back blade roads upon sale completion. Protect regeneration.

Sale area is approximately 157 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$226.00 per MBF Sugar Maple, \$111.00 per MBF Mixed Hardwood, \$15.60 per cord Mixed Hardwood, \$15.60 per cord Aspen, \$9.20 per cord Balsam Fir, \$22.80 per cord Spruce, \$3.80 per cord Basswood.

Tract 23-19

Sec 16 & 21, T46N, R1E, Town of Saxon (Boomer Creek Rd.)

Estimated to be: 53 MBF Sugar Maple, 27 MBF Mixed Hardwood, 760 cord Mixed Hardwood, 250 cord Aspen, 60 cord Balsam Fir, 120 cord Basswood.

HARVEST SPECIFICATIONS: Area 1 (80 acres) Harvest all merchantable balsam fir, ironwood, and aspen, also harvest all hardwoods greater than 6 inches dbh. Leave all yellow birch, elm, spruce, cedar, hemlock, and pine. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries are two red dots.

Area 2 (25 acres) Harvest all trees marked with orange paint along with all balsam fir. Only harvest the aspen that is greater than 8 inches dbh. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Harvest will not take place from April 1st through July 1st. Sale boundaries are solid red line.

Area 3 (7 acres) Harvest all aspen and balsam fir. Utilize pulpwood to a 4 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries are two red dots.

Sale area is approximately 112 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$226.00 per MBF Sugar Maple, \$112.00 per MBF Mixed Hardwood, \$15.80 per cord Mixed Hardwood, \$15.60 per cord Aspen, \$9.20 per cord Balsam Fir, \$3.80 per cord Basswood.

Tract 26-19

Sec 22, T45N, R2E, Town of Pence (West Branch/Island Lake Rd.)

Estimated to be: 5 MBF Sugar Maple, 41 MBF Mixed Hardwood, 1140 cord Mixed Hardwood, 100 cord Aspen, 45 cord Balsam Fir, 130 cord Spruce.

HARVEST SPECIFICATIONS: Area 1 (76 acres) Leave all yellow birch less than 11 inches in diameter and all elm, oak, cedar, hemlock, pine. Harvest all other merchantable wood with at least a 100 inch pulpstick. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries are two red dots and blue line.

Area 2 (10 acres) Harvest all trees marked with orange paint along with all aspen, balsam fir, and spruce. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Harvest will not take place from April 1st through July 1st. Sale boundaries are solid red line and blue line.

Area 3 (17 acres) Harvest everything 2 inches dbh and up, except for elm, oak, cedar, hemlock, and pine. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries are two red dots and blue line.

Protect survey monument and advanced regeneration. Back blade roads.

Sale area is approximately 103 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$140.00 per MBF Sugar Maple, \$70.00 per MBF Mixed Hardwood, \$10.20 per cord Mixed Hardwood, \$10.40 per cord Aspen, \$5.90 per cord Balsam Fir, \$15.30 per cord Spruce.

Tract 27-19

Sec 5, T43N, R3E, Town of Mercer (Moose Lake Rd)

Estimated to be: 1 MBF Mixed Hardwood, 20 cord Mixed Hardwood, 40 cord Aspen, 10 cord Balsam Fir, 610 cord Spruce, 40 cord Red Pine.

HARVEST SPECIFICATIONS: Harvest everything with at least a 100 inch pulpstick. Leave all cedar, tamarack, oak, hemlock, and white pine. Utilize pulpwood to a 4 inch top diameter, sawlogs to a minimum 10 inch top diameter. Follow the BMP's and prevent/minimize rutting along with damage to residual trees. Sale boundaries are a solid red line.

Back blade roads. Protect regeneration.

Sale area is approximately 25 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$135.00 per MBF Mixed Hardwood, \$20.00 per cord Mixed Hardwood, \$20.00 per cord Aspen, \$12.00 per cord Balsam Fir, \$30.00 per cord Spruce, \$35.00 per cord Red Pine.

Tract CL3-19

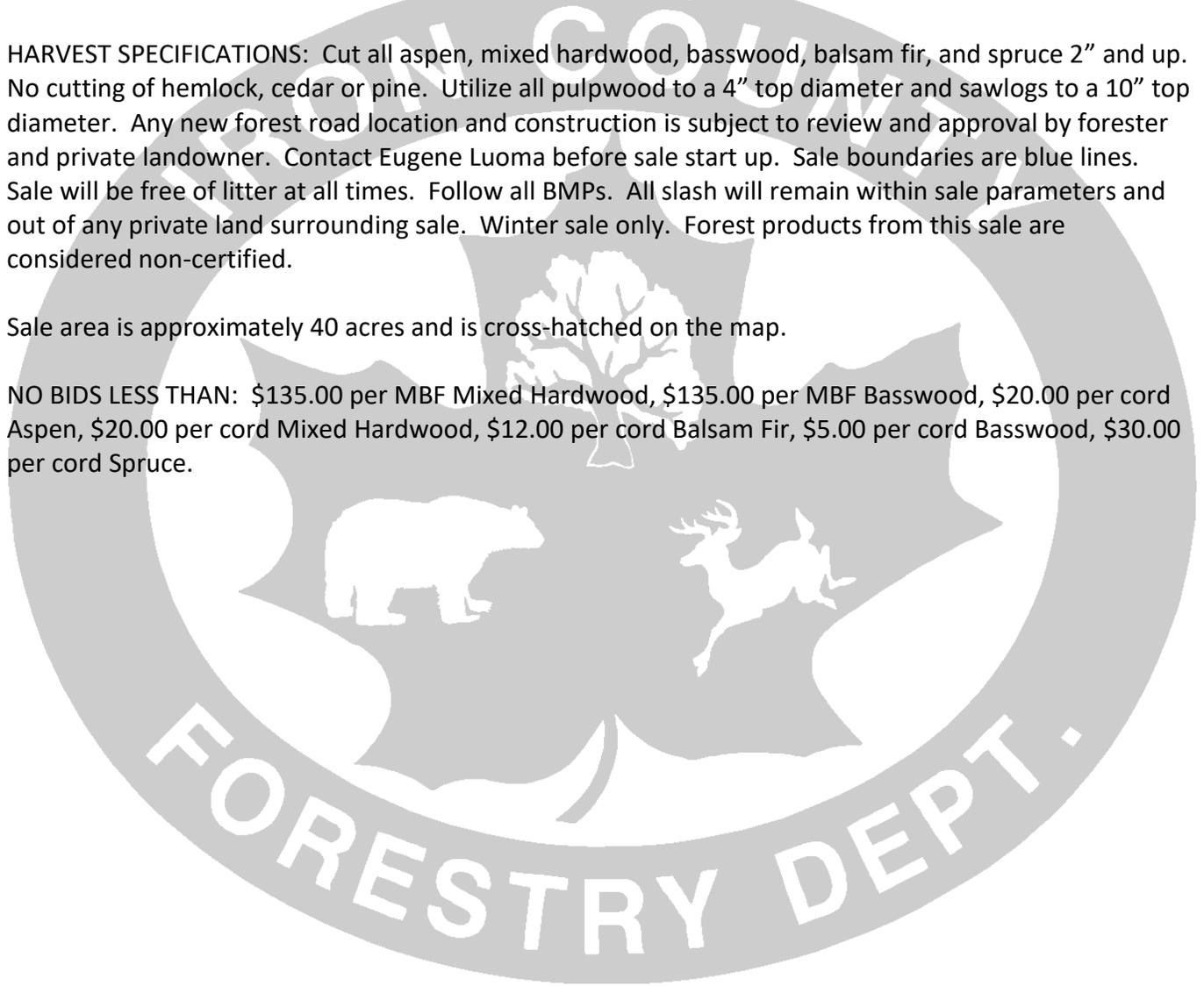
Sec 22, T47N, R1E, Town of Saxon (Eskala Rd)

Estimated to be: 1 MBF Mixed Hardwood, 1 MBF Basswood, 800 cord Aspen, 325 cord Mixed Hardwood, 45 cord Balsam Fir, 20 cord Basswood, 15 cord Spruce.

HARVEST SPECIFICATIONS: Cut all aspen, mixed hardwood, basswood, balsam fir, and spruce 2" and up. No cutting of hemlock, cedar or pine. Utilize all pulpwood to a 4" top diameter and sawlogs to a 10" top diameter. Any new forest road location and construction is subject to review and approval by forester and private landowner. Contact Eugene Luoma before sale start up. Sale boundaries are blue lines. Sale will be free of litter at all times. Follow all BMPs. All slash will remain within sale parameters and out of any private land surrounding sale. Winter sale only. Forest products from this sale are considered non-certified.

Sale area is approximately 40 acres and is cross-hatched on the map.

NO BIDS LESS THAN: \$135.00 per MBF Mixed Hardwood, \$135.00 per MBF Basswood, \$20.00 per cord Aspen, \$20.00 per cord Mixed Hardwood, \$12.00 per cord Balsam Fir, \$5.00 per cord Basswood, \$30.00 per cord Spruce.



THE FOLLOWING RESTRICTIONS APPLY TO ALL THE PRECEDING SALES:

All forest roads and recreation trails must be kept free of logging materials during logging operations and as a condition of close out. Some of these materials have a restriction against skidding or cutting during the months of April, May, and June, and will be enforced. **Every species / product listed MUST have a bid price equal to or greater than the advertised minimum bid price!** Bidders are required to deposit 10% of the total bid value which can be used as the 10% performance bond. Successful bidders will be required to make a 15% down payment before they will be allowed to start their sales or within 6 months of bid opening.

- **15% of the total bid value** for sales greater than \$10,000 in bid value.
- The entire bid value for sales with a bid value under \$10,000.
- **90% of the bid value for purchasers who have previously failed to make timely payments.**

The Purchaser will have the option, at the Seller's discretion, to prepay for scale tickets.

Bidders who have previously had Iron County timber sale contracts in default or suspended may be required to deposit 100% of the total bid value.

Contractors who choose to use the haul ticket scaling system, for pulpwood, will be held completely responsible for compliance with all rules established for this scaling method by the Iron County Forestry Committee. Copies of Iron County's haul ticket scaling rules can be obtained from the Forestry Office.

The Iron County Forestry Committee requires that all bids be submitted on their bid form. Failure to do so may result in your bid being rejected. The successful bidders will be required to meet with the forester who set up their sale (or forester designated by administrator) before beginning any logging operations.

Dumping of garbage, refuse, and intentional draining of motor oil and lubricants onto the ground on lands owned by Iron County is prohibited by Iron County Ordinance #2004. This ordinance specifies a fine not to exceed \$500 and/or a prison term not to exceed 90 days for violations. Persons violating this ordinance will also be responsible for cleanup costs.

Each bid shall be sealed by itself in an envelope, plainly marked with the words, "Timber Sale Bid", the name of the bidder, and the number of the tract that the bid is for, on the front. Information on cutting regulations, restrictions, and timber sale maps may be obtained from the Iron County Forestry Department Office, 607 3rd Avenue North – Suite 2, Hurley, WI 54534 or www.ironcountyforest.org . The Iron County Forestry Committee reserves the right to reject any and/or all bids received, or to accept the bid that it considers to be in the best interest of Iron County.

IRON COUNTY FORESTRY COMMITTEE

James Kichak

Pat Hanson

Scott Erickson

William Thomas

Thomas Thompson