



MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

**NOTICE OF SALE OF STUMPAGE ON STATE LANDS IN THE FOLLOWING AREAS:
DEER RIVER AREA, AITKIN AREA, HIBBING AREA, TOWER AREA, CLOQUET AREA, TWO
HARBORS AREA, LITTLEFORK AREA, NORTHEAST REGION**

**STATUS: COMPLETED
REGULAR AUCTION - SALE #1
SEALED BID**

Notice is hereby given that I offered for sale by sealed bid auction, timber belonging to the State of Minnesota. Bid forms were required to be submitted at the address listed on the bid form prior to 2:00 PM on Tuesday, June 13, 2017. All tracts were awarded at the Minnesota Discovery Center (Ironworld) at 9:00 AM on June 14th, 2017 in Chisholm, MN.

Some of the timber offered was certified by SFI or FSC or both. See the certification notes in the descriptions for the individual tracts for details.

The following pages list the lands upon which the timber was located, the estimated quantities of timber offered, the appraised prices, and the bid prices.



The resource management of the Minnesota DNR's state forests and wildlife management areas meets the objectives of the SFI © program (Certificate No. NSF-SFI-FM-6Y921) and the principles of the FSC © certification standard (Certificate No. SCS-FM/COC-00088N).

**FSC
100%**



MINNESOTA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF FORESTRY

REGULAR AUCTION

SEALED BID TIMBER SALE

DEER RIVER AREA, AITKIN AREA, HIBBING AREA, TOWER AREA, CLOQUET AREA, TWO HARBORS AREA, LITTLEFORK AREA, NORTHEAST REGION

**SEALED BIDS MUST BE RECEIVED PRIOR TO
2:00 PM on June 13, 2017**

Bids will be awarded at the following location:

Minnesota Discovery Center (Ironworld) at 9:00 AM on June 14th, 2017 in Chisholm, MN

TERMS OF SALE

- This auction sale will be held according to Minnesota Statutes Sections 90.101 and 90.14. Timber shall be offered and sold by the same unit of measure as it was appraised. Sale shall be made to the responsible bidder who bids the highest price for all timber species advertised for bidding on each tract. Bids must be submitted on bid forms provided by the State, each bid must be sealed in a separate envelope, the envelope must be clearly marked with the tract number and bidder's name on the outside of the envelope. Bid forms may be obtained from the Forestry Area Office(s) listed above. Bids may be submitted by mail or in person at any time during regular business hours prior to the bid submission deadline (June 13, 2017). Any or all bids may be rejected and sales canceled for good and sufficient reasons.

REGISTRATION AND ELIGIBLE BIDDERS

- Interested persons must be registered at least four (4) business days prior to the auction by submitting an *Annual Timber Sales Purchaser Registration* form. No bid will be accepted from anyone having a delinquent timber sale or trespass account or a willful timber trespass with any public agency in Minnesota, or from anyone who does not qualify as a Responsible Bidder as defined in Minnesota Statutes § 90.01 (12), or from anyone who has been debarred for cause by any public agency [M.S. § 90.041 (11)].

ADVANCE PAYMENT

- The advance payment of fifteen (15) percent of the appraised value of the timber is due within fourteen (14) days from the bid award date. Advance payments will not be accepted with the bid. Failure to provide the advance payment within 14 days of the bid opening date will result in forfeiture of the permit and the purchaser will be held liable for the advance payment. The successful bidders's advance payment will be kept on deposit by the State and applied against any billings for timber.

BID GUARANTEE

- For any bid increase in excess of \$10,000 of the appraised price, a bid guarantee equal to fifteen (15) percent of the total bid price of the timber less the down payment amount is required at the time the permit is signed. If the bid guarantee is not submitted with the signed permit, the permit cancels, and the down payment forfeits to the State. If the permit holder fails to execute an effective permit, the bid guarantee payment forfeits to the State.

PURCHASER AND LOGGER QUALIFICATIONS AND OPERATIONS REQUIREMENTS

- The purchaser or the purchaser's agents, employees, subcontractors, and assigns conducting logging operations on a timber permit must comply with the general industry safety standards for logging (e.g., LogSafe) adopted by the Commissioner of Labor and Industry and provide proof of compliance with these standards. The purchaser or the purchaser's agents, employees, subcontractors, and assigns conducting logging operations on a timber permit must comply with the State of Minnesota mandatory insurance requirements before harvest operations begin. A *Certification of Compliance with the Minnesota Workers' Compensation Law* form must be submitted each year. Before the start of harvest operations, the purchaser must certify that a designated foreperson, who will be supervising active logging operations, has a current certificate of completion from a logger education program (e.g., MLEP or FISTA) approved by the Commissioner of Natural Resources.

SECURITY REQUIRED

- The purchaser must furnish security equal to the total bid value of the permit, LESS the amount paid as an advance payment and bid guarantee. Security can be furnished in the following forms: Corporate surety bond, certified check, cashier's check, personal check, money order, or by signing a Cutting Block Payment Agreement for individual cutting blocks, at least one business day prior to the start of any permit operations. If the purchaser elects to receive a refund of the advance payment and bid guarantee, they must furnish security in a form described above, for one hundred (100) percent of the total bid value of the timber purchased. If the deferred cash payment for cutting blocks is selected, the advance payment and bid guarantee WILL NOT be refunded. If the purchaser elects to secure a permit by prepayment of cutting block(s), they must make a written request on a form provided by the state. No harvesting is permitted until proper security has been furnished to and approved by the Commissioner of Natural Resources or his agent.

PERMIT TERMS

- A permit to harvest and remove the timber from state lands will be issued to the purchaser. NO permit shall be issued to anyone other than the purchaser in whose name the bid was made. All timber purchased on the permit must be harvested prior to the permit expiration date. All permits provide for the continuous identification of timber from the time of cutting until delivery to the consumer. Failure to continuously identify the timber as specified in the permit shall constitute trespass. Also, please note all harvest specifications on each tract being sold. Only one Regular Extension is permitted for exceptional circumstances. An annual interest rate of 5 percent may be charged on a regular extension for the period of the extension.

UNSOLD TRACTS

- On the next regular business day (8:00 AM - 4:30 PM, Monday - Friday, except holidays) after the date of the auction sale, unsold tracts may be available for over-the-counter purchase at the appraised price for a period of no more than one year. Unless canceled for reoffer at an earlier date, unsold tracts will be available until June 13, 2018, at the following Area Headquarters: Deer River Area, Aitkin Area, Hibbing Area, Tower Area, Cloquet Area, Two Harbors Area, Littlefork Area, Northeast Region.

TRACT B1

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 62.0

Permit Number: B013697
Expiration Date: 05/31/2020

Purchased By: Hodgden Logging Inc.
Address: 38114 Twin Lakes Rd, Menahga, MN 56464

NESW,NWSW,SESW,SWSW of Section 13 - Township 44, Range 22W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 67	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ RED OAK	WOODSRUN CORDWOOD	485.00	Cd	15.62	7,575.70	26.09	12,653.65
+ ASPEN SPECIES	WOODSRUN MIXED PRODUCTS	215.00	Cd	26.32	5,658.80	43.95	9,449.25
MAPLE SPECIES	WOODSRUN CORDWOOD	35.00	Cd	10.71	374.85	10.71	374.85
ASH	WOODSRUN MIXED PRODUCTS	30.00	Cd	8.34	250.20	8.34	250.20
PAPER BIRCH	WOODSRUN MIXED PRODUCTS	30.00	Cd	11.17	335.10	11.17	335.10
BASSWOOD	WOODSRUN MIXED PRODUCTS	20.00	Cd	9.87	197.40	9.87	197.40

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$14,392.05
ADVANCE PAYMENT = \$2,158.81
BID TOTAL = \$ 23,260.45

Mixed Species Description:

Aspen Species Woodsrun Mixed Products includes: Largetooth Aspen 20%; Trembling Aspen 80%.
Maple Species Woodsrun Cordwood includes: Red Maple 95%; Sugar Maple 5%.

Mixed Product Description:

Ash Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
Aspen Species Woodsrun Mixed Products includes: Pulpwood 90%; Sawtimber 10%.
Basswood Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
Paper Birch Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.

Cutting and Felling:

- Full tree skidding allowed, but TSA may require trees to be limbed in the woods if damage to residuals is occurring..
- No sale operations allowed during firearms deer season.

Season of Operations:

- Conduct sale operations on dry/ frozen soil conditions only, except with written permission from State.
- Operate during non-rutting soil conditions. Refer to DNR rutting guidelines.
- No operations in low areas or near wetlands except during winter/ frozen ground conditions.

Sale Conditions:

- Access is across State land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:

Sale located along Co.Rd 26.
Prices reduced 10% for first thinning.
Sale well suited for shortwood processor operations.
Aspen avg. 14" and 7 sticks. (10% sawlogs)
Other hardwoods avg. 9" and 5 sticks.
Red Oak 7% bolts, Birch 10% bolts, Ash& Basswood 15% bolts
Limited operations may be possible in dry summer conditions.
Some areas of sale only operable during winter/ frozen ground conditions.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: -10%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Andrew J. Kett

(Appraisal ID 12946-0; Cutting Block ID 15154-0)

TRACT B2

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 39.7

Permit Number: B013698
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

SESE, SESW, SWSE of Section 19 - Township 45, Range 22W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ RED OAK	WOODSRUN MIXED PRODUCTS	230.00	Cd	15.95	3,668.50	15.95	3,668.50
+ ASPEN SPECIES	WOODSRUN MIXED PRODUCTS	170.00	Cd	23.72	4,032.40	23.72	4,032.40
+ PAPER BIRCH	WOODSRUN MIXED PRODUCTS	75.00	Cd	11.08	831.00	11.08	831.00
MAPLE SPECIES	WOODSRUN CORDWOOD	40.00	Cd	10.71	428.40	10.71	428.40
BASSWOOD	WOODSRUN CORDWOOD	15.00	Cd	9.10	136.50	9.10	136.50
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$9,096.80	BID TOTAL = \$	9,096.80
				ADVANCE PAYMENT =	<u>\$1,364.52</u>		

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES	BIOMASS	242.00 Tons	1.00	242.00
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Mixed Species Description:

Aspen Species Woodsrun Mixed Products includes: Balm of Gilead 1%; Largetooth Aspen 5%; Trembling Aspen 94%.
Maple Species Woodsrun Cordwood includes: Red Maple 60%; Sugar Maple 40%.

Mixed Product Description:

Aspen Species Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
Paper Birch Woodsrun Mixed Products includes: Bolts 8%; Pulpwood 92%.
Red Oak Woodsrun Mixed Products includes: Bolts 14%; Pulpwood 86%.

Season of Operations:

- Conduct all operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across State land.

Marketing Conditions:

Access from East White Pine Forest Rd. Harvest route in place, minus 1/4 mile(maintenance required). Access is across black spruce bog, route is open but frozen access only.

Red Oak Avg = 9-11" DBH and 5 sticks
Aspen Avg = 13" DBH and 7 sticks

Cruised By: Jeff Nelson

Price Adjustments:

Road Construction Costs: -10%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Stacy J. Troumbly

(Appraisal ID 12692-0; Cutting Block ID 14851-0)

TRACT B3 COUNTY: CARLTON AREA: CLOQUET AREA ACRES: 38.6

Permit Number: B013699
Expiration Date: 05/31/2020

Purchased By: Sappi Cloquet LLC
Address: 20 N. 22nd Street, Cloquet, MN 55720

NWSW,SWSW of Section 5 - Township 48, Range 19W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 5	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	310.00	Cd	25.03	7,759.30	26.28	8,146.80
+ ASH	WOODSRUN MIXED PRODUCTS	190.00	Cd	9.04	1,717.60	9.49	1,803.10
BALSAM FIR	WOODSRUN MIXED PRODUCTS	125.00	Cd	15.30	1,912.50	15.30	1,912.50
BLACK SPRUCE	WOODSRUN MIXED PRODUCTS	50.00	Cd	20.63	1,031.50	20.63	1,031.50
PAPER BIRCH	WOODSRUN MIXED PRODUCTS	30.00	Cd	12.52	375.60	12.52	375.60
RED MAPLE	WOODSRUN CORDWOOD	5.00	Cd	11.30	56.50	11.30	56.50

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$12,853.00 BID TOTAL = \$ 13,326.00
 ADVANCE PAYMENT = \$1,927.95

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 415.00 Tons 1.00 415.00

Mixed Product Description:

- Ash Woodsrun Mixed Products includes: Bolts 20%; Pulpwood 80%.
- Balsam Fir Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
- Black Spruce Woodsrun Mixed Products includes: Bolts 45%; Pulpwood 55%.
- Paper Birch Woodsrun Mixed Products includes: Bolts 25%; Pulpwood 75%.

Cutting and Felling:

- Harvest all listed merchantable species to required top diameters.
- Reserve all white spruce and white cedar. Reserve island indicated on map.

Season of Operations:

- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access crosses Public Waters. A Permit is not required if using a snow / ice bridge.
- Access is across state land.
- Permission to cross private land must be obtained by permittee.
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.

Marketing Conditions:

Sale is located 4.7 miles East of Cromwell on Hwy 210, and .8 mile South on Kettle Lake Rd. There is an old raised roadbed next to ditch that could be used to access aspen units. A bridge would be necessary to cross ditch, no water crossing permit necessary if using snow/ ice bridge or a temporary bridge that limits bank disturbance.

Ash avg 10" DBH, 5 sticks
Aspen avg 12" DBH, 5 sticks
Balsam fir avg 7" DBH, 3 sticks

Contact Floodwood DNR Forest Tech Brian Schiller with any questions @ 218-476-7023.

Price Adjustments:

Road Construction Costs: -10%
Haul Distance to Nearest Mill: +10%
Stand Density: -5%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Brian Patrick Schiller

(Appraisal ID 12814-0; Cutting Block ID 15014-0)

TRACT B4

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 14.5

Permit Number: B013700
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

NENE,NWNE,SENE,SWNE of Section 28 - Township 48, Range 25W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASH	WOODSRUN MIXED PRODUCTS	122.00	Cd	9.27	1,130.94	9.27	1,130.94
+ BUR OAK	WOODSRUN MIXED PRODUCTS	105.00	Cd	18.53	1,945.65	18.53	1,945.65
+ BASSWOOD	WOODSRUN MIXED PRODUCTS	98.00	Cd	11.48	1,125.04	11.48	1,125.04
+ ASPEN SPECIES	WOODSRUN CORDWOOD	30.00	Cd	26.11	783.30	26.11	783.30
+ MAPLE SPECIES	WOODSRUN CORDWOOD	25.00	Cd	11.90	297.50	11.90	297.50
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$5,282.43	BID TOTAL = \$ 5,282.43
				ADVANCE PAYMENT =		\$792.36	

Optional Timber (may be purchased with an Added Timber Agreement):

ASH	FUELWOOD	125.00	Cd	3.70	462.50
ANY LISTED SPECIES	BIOMASS	205.00	Tons	1.00	205.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 1%; Trembling Aspen 99%.
Maple Species Woodsrun Cordwood includes: Red Maple 98%; Sugar Maple 2%.

Mixed Product Description:

Ash Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
Basswood Woodsrun Mixed Products includes: Bolts 25%; Pulpwood 75%.
Bur Oak Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 70%.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Permission to cross private land must be obtained by permittee.

Marketing Conditions:

This sale is located 1/2 mile north of MN Hwy 210 between Fleming Lake and the highway.

There is a 5 acre clear-cut area and 17 1/2 acre gap cuts.

The ash is 9-10" avg with 15% bolts, basswood 10" avg 25% bolts, burr oak is 12" avg with 30% bolts, and the aspen is 14-18" avg.

There is a good approach directly off the highway onto the state land and 1/2 mile of winter road will need to be froze down across lowland grass.

Also there is approximately 125 cords of dead standing ash available surrounding this permit.

Price Adjustments:

Road Construction Costs: -5%
Haul Distance to Nearest Mill: +5%

Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Steven Anthony Sovinski

(Appraisal ID 12734-0; Cutting Block ID 14885-0)

TRACT B5

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 34.0

Permit Number: B013701
Expiration Date: 05/31/2020

Purchased By: Michael H. Rieger
Address: 61559 Co. Road 26, Northome, MN 56661

GL01, GL02, GL03, GL04, SESW of Section 7 - Township 50, Range 23W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 62	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	468.00	Cd	25.03	11,714.04	40.55	18,977.40
+ PAPER BIRCH	WOODSRUN MIXED PRODUCTS	292.00	Cd	12.19	3,559.48	19.75	5,767.00
MAPLE SPECIES	WOODSRUN CORDWOOD	55.00	Cd	11.30	621.50	11.30	621.50
ASH	WOODSRUN CORDWOOD	12.00	Cd	8.07	96.84	8.07	96.84
BALSAM FIR	WOODSRUN CORDWOOD	10.00	Cd	12.52	125.20	12.52	125.20
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$16,117.06	BID TOTAL = \$ 25,587.94
				ADVANCE PAYMENT =		\$2,417.56	

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 424.00 Tons 1.00 424.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 1%; Largetooth Aspen 33%; Trembling Aspen 66%.
Maple Species Woodsrun Cordwood includes: Red Maple 90%; Sugar Maple 10%.

Mixed Product Description:

Paper Birch Woodsrun Mixed Products includes: Bolts 18%; Pulpwood 82%.

Season of Operations:

- Conduct sale operations on dry/frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across state, county, or private land.

Marketing Conditions:

Average aspen height is 5-6 sticks.
Average aspen diameter is 12 inches.
Average birch height is 4 sticks.
Average birch diameter is 10 inches.
A 50 foot filter strip will be required around all wetlands if sale is cut during non frozen soil conditions.

Price Adjustments:

Road Construction Costs: -5%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Michael Ryan Kobberdahl

TRACT B6 COUNTY: AITKIN AREA: AITKIN AREA ACRES: 46.5

Permit Number: B013702
 Expiration Date: 05/31/2020

Purchased By: Michael H. Rieger
 Address: 61559 Co. Road 26, Northome, MN 56661

SWNW of Section 12; NESE,SENE,SESE of Section 11; GL04,GL05,NWNE of Section 14 - Township 51, Range 24W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 42	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	797.00	Cd	26.35	21,000.95	37.42	29,823.74
+ ASH	WOODSRUN MIXED PRODUCTS	107.00	Cd	9.27	991.89	13.16	1,408.12
+ BASSWOOD	WOODSRUN MIXED PRODUCTS	102.00	Cd	10.81	1,102.62	15.35	1,565.70
BALSAM FIR	WOODSRUN MIXED PRODUCTS	75.00	Cd	16.57	1,242.75	16.57	1,242.75
MAPLE SPECIES	WOODSRUN CORDWOOD	36.00	Cd	11.90	428.40	11.90	428.40
PAPER BIRCH	WOODSRUN CORDWOOD	23.00	Cd	11.90	273.70	11.90	273.70
BUR OAK	WOODSRUN MIXED PRODUCTS	22.00	Cd	18.53	407.66	18.53	407.66

+ BID SPECIES * SOLD ON APPRAISED VOLUME
 APPRAISED TOTAL = \$25,447.97 BID TOTAL = \$ 35,150.07
 ADVANCE PAYMENT = \$3,817.20

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 605.00 Tons 1.00 605.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 10%; Trembling Aspen 90%.
 Maple Species Woodsrun Cordwood includes: Red Maple 95%; Sugar Maple 5%.

Mixed Product Description:

Ash Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
 Balsam Fir Woodsrun Mixed Products includes: Bolts 20%; Pulpwood 80%.
 Basswood Woodsrun Mixed Products includes: Bolts 12%; Pulpwood 88%.
 Bur Oak Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 70%.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across state or private land.
 - Permission to cross private land must be obtained by permittee.

Marketing Conditions:

This sale is located on both sides of the Great River Rd (cty rd 10) at the Pokegama Creek Rd.

Sale is part 1/2 acre gap cuts and the rest is clear-cut harvest.

Private land owner next to the north block prefers that access to the sale be across his land. Agreement must be made between permit holder and landowner.

The aspen averages 7-10" and mostly 4-6 sticks with some bigger wood.
 The balsam fir is 6-10" and 5 sticks with 20% bolts.
 Ash is 6-10" with 15% bolts.

Bur oak is 10-12" with 30% bolts.

More detailed map available upon request.
Cruised by Steve Sovinski and Troy Holcomb

Price Adjustments:

Road Construction Costs: +5%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: -5%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Steven Anthony Sovinski

(Appraisal ID 12775-0; Cutting Block ID 14967-0)

TRACT B7

COUNTY: ITASCA

AREA: DEER RIVER AREA

ACRES: 8.6

Permit Number: B013703
Expiration Date: 05/31/2020

Purchased By: Michael H. Rieger
Address: 61559 Co. Road 26, Northome, MN 56661

SWNE of Section 12 - Township 56, Range 26W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 68	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	268.00	Cd	28.35	7,597.80	47.63	12,764.84
+ BID SPECIES	* SOLD ON APPRAISED VOLUME			APPRAISED TOTAL =	\$7,597.80	BID TOTAL = \$	12,764.84
				ADVANCE PAYMENT =	\$1,139.67		

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 160.00 Tons 1.00 160.00

Mixed Species Description:

Aspen Species Woodsrunk Cordwood includes: Paper Birch 3%; Red Maple 1%; Trembling Aspen 96%.

Cutting and Felling:

- Harvest aspen species, paper birch and red maple.

Season of Operations:

- Conduct sale operations on dry/frozen soil conditions only, except with written permission from State.

Landings Roads and Trails:

- Road right of way crossing approval from power line may be required.

Sale Conditions:

- Access is across private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:

Aspen averages 10-12" DBH and 5-7 sticks.
Paper birch averages 8-11" DBH and 2-4 sticks.
Red maple averages 10-12" DBH and 3-5 sticks.

Dry summer chance if access is granted to cross private land.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: +10%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Joshua Matthew Tomlin

TRACT B8 COUNTY: ST. LOUIS AREA: HIBBING AREA ACRES: 182.4

Permit Number: B013704
Expiration Date: 05/31/2019

Purchased By: UPM - Blandin Paper
Address: 115 First Street SW, Grand Rapids, MN 55744

NENW,NESE,NESW,NWNW,NWSE,NWSW,SENE,SENW,SESE,SESW,SWNE,SWNW,SWSE,SWSW of Section 36 - Township 58, Range 15W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 28	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	3,345.00	Cd	27.67	92,556.15	35.42	118,479.90
+ MIXED SPRUCE	WOODSRUN CORDWOOD	365.00	Cd	15.17	5,537.05	19.42	7,088.30
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	300.00	Cd	28.02	8,406.00	35.87	10,761.00
+ BALSAM FIR	WOODSRUN CORDWOOD	270.00	Cd	15.17	4,095.90	19.42	5,243.40
PAPER BIRCH	WOODSRUN CORDWOOD	70.00	Cd	12.50	875.00	12.50	875.00
TAMARACK	WOODSRUN CORDWOOD	35.00	Cd	7.14	249.90	7.14	249.90

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$111,720.00
ADVANCE PAYMENT = \$16,758.00
BID TOTAL = \$ 142,697.50

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 1,935.00 Tons 1.05 2,031.75

Mixed Species Description:

Mixed Spruce Woodsrun Cordwood includes: Black Spruce 85%; White Spruce 15%.
Pine Species Woodsrun Mixed Products includes: Jack Pine 35%; Norway Pine 65%.

Mixed Product Description:

Pine Species Woodsrun Mixed Products includes: Bolts 60%; Pulpwood 40%.

Cutting and Felling:

- Fell all live black spruce equal to or greater than 5 feet tall.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access across existing roads on State land.

Sale Conditions:

- The sale will expire in 2 years, May 31, 2019, due to maintenance of aspen age class distribution within RGMA.

Marketing Conditions:

Located within RGMA. Aspen age varies from 60 to 80 years old. Sale consists of both clearcut and thinning blocks. Aspen clearcut blocks average 30 cds/acre.

Aspen: 14"-16" ave DBH, 6 sticks
Spruce: 6"-8" ave DBH, 3-4 sticks
Pine: 12" ave DBH, 5 sticks
Balsam: 6"-8" ave DBH, 3 sticks

Price Adjustments:

Road Construction Costs: +5%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Megan J. Eiting

(Appraisal ID 12757-0; Cutting Block ID 14879-0)

TRACT B9 COUNTY: COOK AREA: TWO HARBORS AREA ACRES: 172.0

Permit Number: B013705 Purchased Over-the-Counter Date: 06/15/2017
Expiration Date: 05/31/2020

Purchased By: Peter E. Hall
Address: 280 Hall Rd, Lutsen, MN 55612

NENE,NWNE,SENE of Section 5 - Township 60, Range 2W.
SESE of Section 32 - Township 61, Range 2W.
NWSW,SWNW of Section 5 - Township 60, Range 2W.
NENE,NWNE of Section 5 - Township 60, Range 2W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ SUGAR MAPLE	WOODSRUN CORDWOOD	1,070.00	Cd	4.15	4,440.50	4.15	4,440.50
+ MIXED SPRUCE	WOODSRUN CORDWOOD	280.00	Cd	5.05	1,414.00	5.05	1,414.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$5,854.50	BID TOTAL = \$ 5,854.50
				ADVANCE PAYMENT =		\$878.18	

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 742.00 Tons 1.00 742.00

Mixed Species Description:

Mixed Spruce Woodsrun Cordwood includes: Black Spruce 10%; White Spruce 90%.

Cutting and Felling:

- Harvest sugar maple between 5-14" diameter by thinning down to 65-70 basal area as directed by the timber sale administrator (Cutting Blocks 1 and 3).
- Harvest white spruce and sugar maple in 20 foot wide strips, leaving 40 foot strips in between. Location of strips will be agreed upon by timber sale administrator and contractor (Cutting Block 2).
- Multiple cutting block sale, see individual cutting blocks for specifications (Cutting Blocks 1, 2, and 3).

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Blocks 2 and 3).
- Conduct sale operations on frozen dry summer soil conditions only, except with written permission from State (Cutting Block 1).

Landings Roads and Trails:

- Recreation trail may be used as access (Cutting Block 1).
- See supplemental terms and conditions for snowmobile trail (Cutting Block 1).

Sale Conditions:

- Access is across USFS land (Cutting Blocks 1, 2, and 3).
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale (Cutting Blocks 1, 2, and 3).
- A USFS haul permit may be required and is the responsibility of the Permittee (Cutting Blocks 1, 2, and 3).

Marketing Conditions:

Cutting Block 1: Sugar maple - avg diameter 11", 3-4 sticks.
Cutting Block 2: Spruce - avg diameter 9", 3 sticks.
Cutting Block 3: Sugar maple - avg diameter, 11", 3-4 sticks.

Some sugar maple is over-mature, accounted for visible defect in cruise.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: -65% (Cook Cty discount)

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Anna K. Heruth

(Appraisal ID 13101-0; Cutting Block ID 15308-0, 15313-0, 15314-0)

TRACT B10

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 31.0

Permit Number: B013706
 Expiration Date: 05/31/2020

Purchased By: Michael H. Rieger
Address: 61559 Co. Road 26, Northome, MN 56661

SENW of Section 15; NESE,NWSE,SESE,SWSE of Section 16 - Township 63, Range 17W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 2	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	395.00	Cd	17.35	6,853.25	17.70	6,991.50
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	145.00	Cd	17.15	2,486.75	17.49	2,536.05
WHITE SPRUCE	WOODSRUN CORDWOOD	40.00	Cd	9.40	376.00	9.40	376.00
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	17.00	Cd	7.75	131.75	7.75	131.75
BALSAM FIR	WOODSRUN CORDWOOD	8.00	Cd	9.40	75.20	9.40	75.20

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$9,922.95 BID TOTAL = \$ 10,110.50
 ADVANCE PAYMENT = \$1,488.44

Mixed Species Description:

Northern Hardwoods Woodsrun Cordwood includes: Paper Birch 88%; Red Maple 12%.
 Pine Species Woodsrun Mixed Products includes: Jack Pine 12%; Norway Pine 84%; White Pine 4%.

Mixed Product Description:

Pine Species Woodsrun Mixed Products includes: Bolts 60%; Pulpwood 40%.

Cutting and Felling:

- Trees must be processed at the stump and cut products forwarded to the landing.
- Full tree skidding prohibited.

Slash Disposal:

- Biomass harvest is not allowed on this permit.

Landings Roads and Trails:

- No operations on the Niles Bay Forest road.

Marketing Conditions:

Norway Pine 7"- 12" with some scattered 16" trees 4-5 sticks Prices reduced 25% for first year thinning and another 10 % for haul distance. On Block C all aspen will be removed unless will damage residual trees.

Price Adjustments:

- Road Construction Costs: 0%
- Haul Distance to Nearest Mill: -10%
- Stand Density: 0%
- Operational Constraints: 0%
- Other Price Factor: -25% (First year thinning)

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Terry R. Bergstrom

TRACT B11

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 39.8

Permit Number: B013707
Expiration Date: 05/31/2020

Purchased By: Hedstrom Lumber Company Inc.
Address: 1504 Gunflint Trail, Grand Marais, MN 55604

NENW,NESE,NWNW,NWSE,NWSW of Section 36 - Township 64, Range 17W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 21	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	250.00	Cd	24.27	6,067.50	29.37	7,342.50
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	175.00	Cd	22.39	3,918.25	27.09	4,740.75
+ BLACK SPRUCE	WOODSRUN CORDWOOD	170.00	Cd	12.28	2,087.60	14.86	2,526.20
TAMARACK	WOODSRUN CORDWOOD	50.00	Cd	5.78	289.00	5.78	289.00
BALSAM FIR	WOODSRUN CORDWOOD	20.00	Cd	12.28	245.60	12.28	245.60
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	15.00	Cd	8.39	125.85	8.39	125.85

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$12,733.80
ADVANCE PAYMENT = \$1,910.07
BID TOTAL = \$ 15,269.90

Mixed Species Description:

Northern Hardwoods Woodsrun Cordwood includes: Ash 55%; Red Maple 45%.
Pine Species Woodsrun Mixed Products includes: Norway Pine 50%; White Pine 50%.

Mixed Product Description:

Pine Species Woodsrun Mixed Products includes: Bolts 25%; Pulpwood 50%; Sawtimber 25%.

Cutting and Felling:

- Fell all live black spruce equal to or greater than 5 feet tall.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across state land.

Marketing Conditions:

aspen average 5 sticks, black spruce average 4.5-5 sticks. Pine averages 16-20DBH with 7 sticks.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: -10%
Stand Density: -5%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Christine Ann Martin

TRACT B12

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 21.0

Permit Number: B013708
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

NWNE of Section 13 - Township 65, Range 20W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ MIXED SPRUCE	WOODSRUN CORDWOOD	170.00	Cd	9.10	1,547.00	9.10	1,547.00
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	85.00	Cd	10.40	884.00	10.40	884.00
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	15.00	Cd	15.34	230.10	15.34	230.10
				APPRAISED TOTAL =	\$2,661.10	BID TOTAL = \$	2,661.10
				ADVANCE PAYMENT =	\$399.17		

+ BID SPECIES

* SOLD ON APPRAISED VOLUME

Mixed Species Description:

Mixed Spruce Woodsrun Cordwood includes: Black Spruce 95%; White Spruce 5%.

Mixed Product Description:

Norway Pine Woodsrun Mixed Products includes: Bolts 85%; Pulpwood 15%.

Cutting and Felling:

- Fell all live black spruce equal to or greater than 5 feet tall.

Season of Operations:

- Conduct sale operations, on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across county land, state will acquire access.

Marketing Conditions:

Spruce averages 3 to 4 sticks. Aspen site can be steep in places. Norway is 40% sawlogs. This is a reoffer of a forfeited sale. Price reduced 35% of base due to roads and accessibility and re-offer of a previously forfeited sale. Originally cruised by Mike Hanson in 2004.

Price Adjustments:

- Road Construction Costs: -10%
- Haul Distance to Nearest Mill: 0%
- Stand Density: 0%
- Operational Constraints: 0%
- Other Price Factor: -25% (Re-offer of a previously forfeited sale)

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Dana L. Frame

TRACT B13

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 35.0

Permit Number: B013709
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

GL04,SESW of Section 7; GL01 of Section 18 - Township 65, Range 20W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	375.00	Cd	24.82	9,307.50	24.82	9,307.50
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	50.00	Cd	21.08	1,054.00	21.08	1,054.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$10,361.50	BID TOTAL = \$ 10,361.50
				ADVANCE PAYMENT =		\$1,554.23	

Mixed Product Description:

Norway Pine Woodsrun Mixed Products includes: Bolts 75%; Pulpwood 25%.

Cutting and Felling:

- Trees must be processed at the stump and cut products forwarded to the landing.

Season of Operations:

- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.
- Frozen ground access across State.

Sale Conditions:

- Access is across State and County land.

Marketing Conditions:

CTL harvest system required due to stand working conditions. An average stand Basal Area of 100sqft+ (all species) is desired.

Second thin of Norway pine P1965. NP average 12.5"dbh and 6-7 sticks. Aspen average 12"dbh and 6 sticks.

Hauling trails generally winter only without upgrade.

Price reduced (-20% from base) for Stand Density and Operational Constraints.

State will secure access permission across County land.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: -10%
Operational Constraints: -10%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

David T. Sopoci

TRACT B14

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 31.1

Permit Number: B013710
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

NESE,SENE,SWSW of Section 3; SESE,SWSE of Section 4 - Township 66, Range 19W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	415.00	Cd	30.30	12,574.50	30.30	12,574.50
+ ASPEN SPECIES	WOODSRUN CORDWOOD	51.00	Cd	25.05	1,277.55	25.05	1,277.55
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	17.00	Cd	11.30	192.10	11.30	192.10
WHITE CEDAR	WOODSRUN CORDWOOD	5.00	Cd	4.85	24.25	4.85	24.25
WHITE SPRUCE	WOODSRUN CORDWOOD	5.00	Cd	13.75	68.75	13.75	68.75
BALSAM FIR	WOODSRUN CORDWOOD	2.00	Cd	13.75	27.50	13.75	27.50
ANY LISTED SPECIES	BIOMASS	155.00	Tons	1.00	155.00	1.00	155.00

+ BID SPECIES

* SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$14,319.65
ADVANCE PAYMENT = \$2,147.95

BID TOTAL = \$ 14,319.65

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Largetooth Aspen 20%; Trembling Aspen 80%.

Northern Hardwoods Woodsrun Cordwood includes: Paper Birch 41%; Red Maple 59%.

Pine Species Woodsrun Mixed Products includes: Jack Pine 1%; Norway Pine 66%; White Pine 33%.

Mixed Product Description:

Pine Species Woodsrun Mixed Products includes: Bolts 47%; Pulpwood 34%; Sawtimber 19%.

Season of Operations:

- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across USFS, county and state land.

Marketing Conditions:

Sale can be accessed through the Arrowhead State snowmobile trail either off of the 203 Federal Road, 493 Federal Road or Forest Access Route going north of Black Duck Lake public landing.

All of the sale is located on high ground. On a dry year most of sale could be accessed, but may require adding some extra fill over some of the culverts on the snowmobile trail and some extra fill on the trail. The cutting unit in the SWSW forty of section 3 would be the only one that may need frozen access since it goes through a stretch of ash and cedar for about 200 ft.

White pine averages 17" DBH, 6 sticks
Norway pine averages 16" DBH, 6 sticks

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: -5%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Andrew J. Erickson

(Appraisal ID 13092-0; Cutting Block ID 15309-0)

TRACT B15

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 141.0

Permit Number: B013711
Expiration Date: 05/31/2020

Purchased By: Boise White Paper LLC
Address: 400 3rd Ave E, International Falls, MN 56649

NWNE,NWSE,SENE,SWNE of Section 28 - Township 66, Range 20W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 56	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	2,500.00	Cd	26.35	65,875.00	41.11	102,775.00
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	390.00	Cd	11.90	4,641.00	11.90	4,641.00
BALSAM FIR	WOODSRUN CORDWOOD	50.00	Cd	14.45	722.50	14.45	722.50
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$71,238.50	BID TOTAL = \$ 108,138.50
				ADVANCE PAYMENT =		\$10,685.78	

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 1,450.00 Tons 1.00 1,450.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Largetooth Aspen 35%; Trembling Aspen 65%.
Northern Hardwoods Woodsrun Cordwood includes: Paper Birch 38%; Red Maple 62%.

Season of Operations:

- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across USFS, county, and state land.
- THIS TIMBER HARVEST PERMIT IS LOCATED ON US FOREST SERVICE LANDS. This state timber permit, authorized by the Minnesota Good Neighbor agreement, may be suspended, modified or cancelled if the Forest Service is required to interrupt or cancel operations due to a court order or to comply with NEPA or other legal sanction.

Marketing Conditions:

Aspen averages 11-13" DBH and 5-6 sticks

Cruised by Krista Starn, Ed Schoon, and Lars Helleloid

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is from non-certified land.

Appraiser:

Lars E. Helleloid

TRACT B16

COUNTY: KOOCHICHING

AREA: LITTLEFORK AREA

ACRES: 441.2

Permit Number: B013712
 Expiration Date: 05/31/2020

Purchased By: Boise White Paper LLC
 Address: 400 3rd Ave E, International Falls, MN 56649

NWSW of Section 28; SESW,SWSE,SWSW of Section 20; NENE,NENW,NWNE,NWNW of Section 32;
 NENE,SENE,SESE of Section 30 - Township 66, Range 24W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 5	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TAMARACK	WOODSRUN CORDWOOD	6,880.00	Cd	6.80	46,784.00	7.14	49,123.20
+ MIXED SPRUCE	WOODSRUN CORDWOOD	2,075.00	Cd	14.45	29,983.75	15.17	31,477.75
JACK PINE	WOODSRUN MIXED PRODUCTS	120.00	Cd	32.47	3,896.40	32.47	3,896.40
ASPEN SPECIES	WOODSRUN CORDWOOD	70.00	Cd	26.27	1,838.90	26.27	1,838.90
PAPER BIRCH	WOODSRUN CORDWOOD	50.00	Cd	11.90	595.00	11.90	595.00
BALSAM FIR	WOODSRUN CORDWOOD	30.00	Cd	14.45	433.50	14.45	433.50

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$83,531.55
 ADVANCE PAYMENT = \$12,529.73
 BID TOTAL = \$ 87,364.75

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 3,220.00 Tons 1.00 3,220.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 2%; Trembling Aspen 98%.
 Mixed Spruce Woodsrun Cordwood includes: Black Spruce 99%; White Spruce 1%.

Mixed Product Description:

Jack Pine Woodsrun Mixed Products includes: Bolts 80%; Pulpwood 20%.

Cutting and Felling:

- Fell all live black spruce equal to or greater than 5 feet tall.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across county and state land.
- Permission to cross county land must be obtained by permittee.

Marketing Conditions:

Average tamarack diameter is 7" and 4 sticks.

Average spruce diameter is 6" and 3 sticks.

There are small pockets of larch beetle mortality. They are not included in the appraised volume.

Additional Appraisers: Keith Flood and Simon Cain

Price Adjustments:

- Road Construction Costs: 0%
- Haul Distance to Nearest Mill: 0%
- Stand Density: 0%
- Operational Constraints: 0%
- Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Jonathan George McDonald

(Appraisal ID 12980-0; Cutting Block ID 15188-0)

TRACT B17

COUNTY: KOOCHICHING

AREA: TOWER AREA

ACRES: 36.0

Permit Number: B013713
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

SESE of Section 20; SESE,SESW,SWSE,SWSW of Section 21 - Township 67, Range 22W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	160.00	Cd	10.24	1,638.40	10.24	1,638.40
JACK PINE	WOODSRUN MIXED PRODUCTS	35.00	Cd	10.24	358.40	10.24	358.40
BALSAM FIR	WOODSRUN CORDWOOD	25.00	Cd	10.84	271.00	10.84	271.00
TREMBLING ASPEN	WOODSRUN CORDWOOD	12.00	Cd	19.76	237.12	19.76	237.12
PAPER BIRCH	WOODSRUN CORDWOOD	5.00	Cd	8.93	44.65	8.93	44.65
WHITE SPRUCE	WOODSRUN CORDWOOD	5.00	Cd	10.84	54.20	10.84	54.20
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$2,603.77	BID TOTAL = \$	2,603.77
				ADVANCE PAYMENT =	\$390.57		

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 132.00 Tons 0.75 99.00

Mixed Product Description:

Jack Pine Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
Norway Pine Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.

Cutting and Felling:

- Harvest a 15 foot strip every 45 feet. Thin within 45 foot strip to a basal area of approximately 100. It currently has a basal area of approximately 130. Within the 45 foot strip focus on harvesting poor formed less dominant trees first.

Season of Operations:

- Conduct sale operations on dry/frozen soil conditions only, except with written permission from State.

Marketing Conditions:

norway pine averages 3 sticks 7" DBH

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: -25% (first time pine thinning)

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Lars E. Helleloid

TRACT B18

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 57.2

Permit Number: B013714
Expiration Date: 05/31/2020

Purchased By: Boise White Paper LLC

Address: 400 3rd Ave E, International Falls, MN 56649

NESW,NWSE,SENE,SWNE,SWNW of Section 26; NENE of Section 35 - Township 68, Range 21W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 51	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	360.00	Cd	14.37	5,173.20	21.70	7,812.00
BALSAM FIR	WOODSRUN CORDWOOD	15.00	Cd	13.72	205.80	13.72	205.80
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	15.00	Cd	25.03	375.45	37.80	567.00
TAMARACK	WOODSRUN CORDWOOD	5.00	Cd	6.46	32.30	6.46	32.30
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	4.00	Cd	11.30	45.20	11.30	45.20
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$5,831.95	BID TOTAL = \$ 8,662.30
				ADVANCE PAYMENT =		\$874.79	

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES	BIOMASS	165.00 Tons	1.00	165.00
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Mixed Species Description:

Northern Hardwoods Woodsrun Cordwood includes: Paper Birch 75%; Red Maple 25%.

Mixed Product Description:

Norway Pine Woodsrun Mixed Products includes: Bolts 20%; Pulpwood 80%.

Season of Operations:

- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Norway pine averages 2-4 sticks and 7-10" dbh. Harvest 15 ft. strips leaving 45 ft between. Reach into leave strips and thin to approx. 90 sq.ft. basal area, favoring well formed pine. Current basal area ranges from 115 to 200. Parts of area have been previously thinned. Most is summer accessible if dry.

Price Adjustments:

- Road Construction Costs: +10%
- Haul Distance to Nearest Mill: 0%
- Stand Density: 0%
- Operational Constraints: -5%
- Other Price Factor: -10% (first thinning on part of stand)

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Edward A. Schoon

TRACT B19

COUNTY: KOOCHICHING

AREA: LITTLEFORK AREA

ACRES: 136.2

Permit Number: B013715
 Expiration Date: 05/31/2019

Purchased By: Boise White Paper LLC
Address: 400 3rd Ave E, International Falls, MN 56649

NENW,NESW,NWNW,NWSE,NWSW,SEnw,SWNW,SWSE of Section 29 - Township 70, Range 23W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 1	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TAMARACK	WOODSRUN CORDWOOD	3,415.00	Cd	6.80	23,222.00	6.87	23,461.05
+ BLACK SPRUCE	WOODSRUN CORDWOOD	270.00	Cd	14.45	3,901.50	14.59	3,939.30
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$27,123.50	BID TOTAL = \$ 27,400.35
				ADVANCE PAYMENT =		\$4,068.53	

Optional Timber (may be purchased with an Added Timber Agreement):

TAMARACK	FUELWOOD	400.00	Cd	2.50	1,000.00
ANY LISTED SPECIES	BIOMASS	1,200.00	Tons	1.00	1,200.00

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across State, County and private land.
- Permission to cross County and private land must be obtained by permittee.
- The sale will expire 5/31/2019 due to eastern larch beetle mortality within the stand.

Marketing Conditions:

Tamarack avg. 8-9" dbh 4-5 sticks/tree age 100-120 years SI-47
 Black spruce avg. 7" dbh 4 sticks/tree
 As of March 2017, approximately 13% of the stand has been killed by larch beetle.
 Access uses snowmobile trail. Snowmobile trail use guidelines must be followed.

Located approximately 2 miles north from intersection of County road #98 and the Slatinski snowmobile trail.

Approximately 1/2-3/4 mile of new winter road construction will be necessary to access permit area.

Price Adjustments:

Road Construction Costs: 0%
 Haul Distance to Nearest Mill: +10%
 Stand Density: +5%
 Operational Constraints: 0%
 Other Price Factor: -15% (larch beetle)

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Chris J. Scofield

TRACT B20

COUNTY: ITASCA

AREA: DEER RIVER AREA

ACRES: 63.0

Permit Number: B013716
Expiration Date: 05/31/2020

Purchased Over-the-Counter Date: 12/19/2017

Purchased By: Lone Oak Logging

Address: 15902 Deer Trail Rd NE, Blackduck, MN 56630

GL05, GL06, GL07, SWSE of Section 17 - Township 146, Range 26W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TAMARACK	WOODSRUN MIXED PRODUCTS	1,385.00	Cd	7.48	10,359.80	7.48	10,359.80
+ BLACK SPRUCE	WOODSRUN CORDWOOD	212.00	Cd	15.90	3,370.80	15.90	3,370.80
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$13,730.60	BID TOTAL = \$ 13,730.60
				ADVANCE PAYMENT =		\$2,059.59	

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 505.00 Tons 1.10 555.50

Mixed Product Description:

Tamarack Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.

Cutting and Felling:

- Harvest black spruce over 5 ft tall in western stand. Harvest all tamarack in 2 northern stands.

Season of Operations:

- Frozen ground access only.

Sale Conditions:

- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.

Marketing Conditions:

Tamarack averages 7" DBH and 4 sticks.
Spruce averages 6" DBH and 4 sticks.

Electronic and mobile phone maps available.

Price Adjustments:

Road Construction Costs: +5%
Haul Distance to Nearest Mill: 0%
Stand Density: +5%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

John J. Segari

TRACT B21

COUNTY: KOOCHICHING

AREA: DEER RIVER AREA

ACRES: 99.1

Permit Number: B013717
Expiration Date: 05/31/2020

Purchased By: Michael H. Rieger
Address: 61559 Co. Road 26, Northome, MN 56661

GL01, GL02, NESW, NWSE, NWSW of Section 36; GL04, NESE, NWSE of Section 35 - Township 151, Range 25W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 103	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	630.00	Cd	26.35	16,600.50	53.49	33,698.70
+ MIXED SPRUCE	WOODSRUN CORDWOOD	565.00	Cd	14.45	8,164.25	29.33	16,571.45
+ BALSAM FIR	WOODSRUN CORDWOOD	260.00	Cd	14.45	3,757.00	29.33	7,625.80
+ NORTHERN HARDWOODS	WOODSRUN CORDWOOD	230.00	Cd	9.82	2,258.60	19.93	4,583.90

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$30,780.35 BID TOTAL = \$ 62,479.85
ADVANCE PAYMENT = \$4,617.05

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 925.00 Tons 1.00 925.00

Mixed Species Description:

Mixed Spruce Woodsrun Cordwood includes: Black Spruce 7%; White Spruce 93%.
Northern Hardwoods Woodsrun Cordwood includes: Ash 61%; Paper Birch 39%.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across State land.

Marketing Conditions:

Sale is located 1/2 mile West of Hwy 6. Access road is one mile North of Hwy 1 West.
Aspen averages 12" DBH, 7 sticks.
Spruce averages 7-8" DBH, 3 sticks.
Spruce plantation cruised by Scott Bergloff.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: 0%

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Garrett Mann

Harvest specifications and additional information about each tract may be obtained upon request from the following DNR Area Forestry Offices:

DEER RIVER AREA, AITKIN AREA, HIBBING AREA, TOWER AREA - ORR FIELD STATION, CLOQUET AREA, TWO HARBORS AREA, LITTLEFORK AREA, NORTHEAST REGION

The right is reserved to reject any and all bids.

For the Commissioner
MINNESOTA DEPARTMENT OF NATURAL RESOURCES

By: _____
Authorized Signature
Division Of Forestry
Dated: June 13, 2017

- SUMMARY SHEET -

06/13/2017 REGULAR AUCTION - SALE #1

COMPLETED - DATA AS OF 12/27/2017

DEER RIVER AREA, AITKIN AREA, HIBBING AREA, TOWER AREA, CLOQUET AREA, TWO HARBORS AREA, LITTLEFORK AREA, NORTHEAST REGION

SUMMARY FOR SOLD TRACTS

<u>PRODUCT</u>	<u>SPECIES</u>	<u>TOTAL VOLUME</u>	<u>UNIT</u>	<u>SOLD AVERAGE UNIT PRICE</u>	<u>TOTAL SOLD \$ VALUE</u>
WOODSRUN MIXED PRODUCTS	ASH	327.00	Cd	10.59	3,461.42
	ASPEN SPECIES	215.00	Cd	43.95	9,449.25
	PAPER BIRCH	352.00	Cd	18.40	6,477.70
	BASSWOOD	122.00	Cd	14.45	1,763.10
	BUR OAK	22.00	Cd	18.53	407.66
	PINE SPECIES	945.00	Cd	26.56	25,095.00
	NORWAY PINE	360.00	Cd	21.70	7,812.00
	JACK PINE	120.00	Cd	32.47	3,896.40
	BALSAM FIR	200.00	Cd	15.78	3,155.25
	BLACK SPRUCE	50.00	Cd	20.63	1,031.50
	TAMARACK	1,385.00	Cd	7.48	10,359.80
WOODSRUN CORDWOOD	ASH	12.00	Cd	8.07	96.84
	ASPEN SPECIES	4,103.00	Cd	40.50	166,179.88
	TREMBLING ASPEN	4,620.00	Cd	36.40	168,169.20
	PAPER BIRCH	143.00	Cd	12.19	1,743.70
	MAPLE SPECIES	126.00	Cd	11.31	1,424.75
	NORTHERN HARDWOODS	656.00	Cd	14.52	9,527.70
	RED MAPLE	5.00	Cd	11.30	56.50
	SUGAR MAPLE	1,070.00	Cd	4.15	4,440.50
	RED OAK	485.00	Cd	26.09	12,653.65
	WHITE SPRUCE	40.00	Cd	9.40	376.00
	BALSAM FIR	663.00	Cd	22.14	14,677.00
	BLACK SPRUCE	652.00	Cd	15.09	9,836.30
	TAMARACK	10,385.00	Cd	7.04	73,155.45
	MIXED SPRUCE	3,285.00	Cd	17.22	56,551.50
FUELWOOD	TAMARACK (optional)	400.00	Cd	-	0.00
BIOMASS	ANY LISTED SPECIES (optional)	11,746.00	Tons	-	0.00

TOTAL SOLD TRACTS CONVERTED TO CORDS: 30,343.00
TOTAL APPRAISED DOLLAR VALUE OF SOLD TRACTS: \$ 448,875.58
TOTAL BID-UP DOLLAR VALUE OF SOLD TRACTS: \$ 591,798.05
TOTAL ACRES SOLD: 1,552.6
SOLD TRACT NUMBERS: 1, 3, 5, 6, 7, 8, 9, 10, 11, 15, 16, 18, 19, 20, 21
TOTAL NUMBER OF TRACTS SOLD: 15

SUMMARY FOR UNSOLD TRACTS

<u>PRODUCT</u>	<u>SPECIES</u>	<u>TOTAL VOLUME</u>	<u>UNIT</u>	<u>APPRAISED AVERAGE UNIT PRICE</u>	<u>APPRAISED \$ VALUE</u>
WOODSRUN MIXED PRODUCTS	ASH	122.00	Cd	9.27	1,130.94
	ASPEN SPECIES	170.00	Cd	23.72	4,032.40
	PAPER BIRCH	75.00	Cd	11.08	831.00
	BASSWOOD	98.00	Cd	11.48	1,125.04
	RED OAK	230.00	Cd	15.95	3,668.50
	BUR OAK	105.00	Cd	18.53	1,945.65
	PINE SPECIES	415.00	Cd	30.30	12,574.50
	NORWAY PINE	550.00	Cd	20.32	11,176.00
	JACK PINE	35.00	Cd	10.24	358.40
WOODSRUN CORDWOOD	ASPEN SPECIES	81.00	Cd	25.44	2,060.85
	TREMBLING ASPEN	147.00	Cd	14.80	2,175.12
	PAPER BIRCH	5.00	Cd	8.93	44.65

- SUMMARY SHEET (Continued) -

SUMMARY FOR UNSOLD TRACTS

PRODUCT	SPECIES	TOTAL VOLUME	UNIT	APPRAISED AVERAGE UNIT PRICE	APPRAISED \$ VALUE
	MAPLE SPECIES	65.00	Cd	11.17	725.90
	NORTHERN HARDWOODS	17.00	Cd	11.30	192.10
	BASSWOOD	15.00	Cd	9.10	136.50
	WHITE SPRUCE	10.00	Cd	12.30	122.95
	BALSAM FIR	27.00	Cd	11.06	298.50
	WHITE CEDAR	5.00	Cd	4.85	24.25
	MIXED SPRUCE	170.00	Cd	9.10	1,547.00
FUELWOOD	<i>ASH (optional)</i>	125.00	Cd	3.70	462.50
BIOMASS	<i>ANY LISTED SPECIES (optional)</i>	579.00	Tons	0.94	546.00
	ANY LISTED SPECIES	155.00	Tons	1.00	155.00

TOTAL UNSOLD TRACTS CONVERTED TO CORDS: 2,342.00
TOTAL APPRAISED DOLLAR VALUE OF UNSOLD TRACTS: \$ 44,325.25
TOTAL ACRES UNSOLD: 177.3
UNSOLD TRACT NUMBERS: 2, 4, 12, 13, 14, 17
TOTAL NUMBER OF TRACTS UNSOLD: 6