



MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

NOTICE OF SALE OF STUMPAGE ON STATE LANDS IN THE FOLLOWING AREA:
TOWER AREA

STATUS: COMPLETED
INTERMEDIATE AUCTION - SALE #2
ORAL BID

Notice is hereby given that I offered for sale at public auction in Orr, MN at 9:15 AM on Tuesday, June 6, 2017, timber belonging to the State of Minnesota. All tracts were offered at the Orr American Legion in Orr, MN.

All of the timber offered was SFI and FSC certified.

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
INTERMEDIATE AUCTION
ORAL BID TIMBER SALE
TOWER AREA

9:15 AM on June 6, 2017
Orr American Legion in Orr, 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 whoever bids the highest price for all timber species advertised for bidding on each tract. Bidding over the appraised price shall be by increments of one (1) percent or more. The percent bid up will be added to the appraised price of each species indicated as a bid species by a plus symbol (+) on the Notice of Sale. 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 account 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)]. Purchase is limited to registered persons or companies with 30 or fewer employees. No bidder may purchase more than twenty-five (25) percent of the tracts offered on the first round of bidding. Purchases or attempts to purchase tracts beyond the twenty-five (25) percent limit will result in the forfeiture of the down payment and loss of the tract.

DOWN PAYMENT

- Purchasers of timber must pay a down payment of fifteen (15) percent of the appraised value of the timber at the time the purchaser's bid is approved. The down payment will be kept on deposit by the State and applied against any billings for timber. The purchaser may elect to have the down payment refunded if they post security for one hundred (100) percent of the bid price of the timber (see Security Required). If the purchaser does not sign the permit document within 45 days of sale, the down payment will forfeit to the State. A permit signature extension of 10 business days may be granted, provided the purchaser pays a \$200 penalty.

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 a down payment and bid guarantee. Security can be furnished in the following forms: Corporate surety bond, Letter of Credit, 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 down 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 down 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 6, 2018, at the following Area Headquarters: Tower Area. Beginning 30 days after the auction date, an unsold intermediate auction tract may be purchased by any registered responsible bidder, i.e., purchase is no longer limited to businesses with 30 or fewer employees.

TRACT X1

COUNTY: LAKE

AREA: TOWER AREA

ACRES: 41.3

Permit Number: X015563
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

NESW,SWSW of Section 12 - Township 60, Range 11W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ MIXED SPRUCE	WOODSRUN MIXED PRODUCTS	160.00	Cd	9.85	1,576.00	9.85	1,576.00
+ PAPER BIRCH	WOODSRUN CORDWOOD	130.00	Cd	7.00	910.00	7.00	910.00
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	125.00	Cd	15.45	1,931.25	15.45	1,931.25
+ JACK PINE	WOODSRUN MIXED PRODUCTS	90.00	Cd	12.70	1,143.00	12.70	1,143.00
TAMARACK	WOODSRUN CORDWOOD	30.00	Cd	3.95	118.50	3.95	118.50
BALSAM FIR	WOODSRUN CORDWOOD	10.00	Cd	8.45	84.50	8.45	84.50
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$5,763.25	BID TOTAL = \$	5,763.25
				ADVANCE PAYMENT =	\$864.49		

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

ANY LISTED SPECIES BIOMASS 284.00 Tons 1.00 284.00

Mixed Species Description:

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

Mixed Product Description:

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

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

Season of Operations:

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

Sale Conditions:

- Access is across USFS and Franconia Minerals land.
- Permission to cross industry 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.
- USFS road use permit is required. Permittee responsibility.

Marketing Conditions:

Spruce averages 7-9" DBH and 4-5 sticks
Aspen averages 8-10" DBH and 5-6 sticks
Paper birch averages 6-9" DBH and 4-5 sticks
Base price reduced by 35% due to Lake County

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: -10%
Operational Constraints: 0%
Other Price Factor: -35% (Sale in Lake County)

Appraiser:

Brody J. Geiselman

TRACT X2

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 38.0

Permit Number: X015564
Expiration Date: 05/31/2020

Purchased By: Mike Nielsen Logging
Address: 1979 Sotlich Road, Ely, MN 55731

NENW,NESE,NWNE,SENE,SESW,SESE of Section 16 - Township 61, Range 12W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	190.00	Cd	7.95	1,510.50	7.95	1,510.50
+ MIXED SPRUCE	WOODSRUN CORDWOOD	110.00	Cd	8.90	979.00	8.90	979.00
+ JACK PINE	WOODSRUN MIXED PRODUCTS	45.00	Cd	12.30	553.50	12.30	553.50
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	25.00	Cd	23.70	592.50	23.70	592.50
BALSAM FIR	WOODSRUN CORDWOOD	15.00	Cd	13.00	195.00	13.00	195.00
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	10.00	Cd	10.70	107.00	10.70	107.00

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$3,937.50
ADVANCE PAYMENT = \$590.63
BID TOTAL = \$ 3,937.50

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

ANY LISTED SPECIES BIOMASS 205.00 Tons 1.00 205.00

Mixed Species Description:

Mixed Spruce Woodsrun Cordwood includes: Black Spruce 50%; White Spruce 50%.
Northern Hardwoods Woodsrun Cordwood includes: Paper Birch 80%; Red Maple 20%.

Mixed Product Description:

Jack Pine Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
Norway Pine Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.

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 7-9" and 3-4 stick.
White spruce averages 5-8" and 2-3 stick.
Summer chance.
Sale is first entry thinning on 30 year old Spruce and Pine stands.
Eastern most stand is Jack pine clearcut w/ reserves.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: -10%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: -25% (first thinning discount on Norway and Spruce only)

Appraiser:

Krista M. Starn

TRACT X3

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 74.0

Permit Number: X015565
Expiration Date: 05/31/2020

Purchased By: Mike Nielsen Logging
Address: 1979 Sotlich Road, Ely, MN 55731

NESE,NESW,NWSE,SENE,SWNE,SWSE of Section 1 - Township 61, Range 12W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ MIXED SPRUCE	WOODSRUN MIXED PRODUCTS	330.00	Cd	12.05	3,976.50	12.05	3,976.50
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	195.00	Cd	19.75	3,851.25	19.75	3,851.25
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	170.00	Cd	48.45	8,236.50	48.45	8,236.50
JACK PINE	WOODSRUN MIXED PRODUCTS	85.00	Cd	10.25	871.25	10.25	871.25
BALSAM FIR	WOODSRUN CORDWOOD	60.00	Cd	10.85	651.00	10.85	651.00
PAPER BIRCH	WOODSRUN CORDWOOD	60.00	Cd	10.85	651.00	10.85	651.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$18,237.50	BID TOTAL = \$	18,237.50
				ADVANCE PAYMENT =	\$2,735.63		

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

ANY LISTED SPECIES BIOMASS 450.00 Tons 1.00 450.00

Mixed Species Description:

Mixed Spruce Woodsrun Mixed Products includes: Black Spruce 85%; White Spruce 15%.

Mixed Product Description:

Jack Pine Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
Mixed Spruce Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.
Norway Pine Woodsrun Mixed Products includes: Pulpwood 20%; Sawtimber 80%.

Season of Operations:

- Frozen ground access across State and USFS.
- Operate during non-rutting soil conditions. Refer to DNR rutting guidelines.

Sale Conditions:

- Access is across State and USFS land.
- Permission to cross USFS land will be obtained by state. Provisions of access and/or water crossing permits will become part of sale terms and conditions for this sale.

Marketing Conditions:

Black spruce averages 8" DBH and 3 stick
White spruce averages 18" DBH and 6 stick
Norway Pine averages 22" DBH and 6 stick
Jack pine 8-14" DBH and 5 stick
Aspen 6-14" DBH and 4-6 stick

Price Adjustments:

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

Appraiser:

Krista M. Starn

(Appraisal ID 12774-0; Cutting Block ID 14964-0)

TRACT X4

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 53.2

Permit Number: X015566
Expiration Date: 05/31/2020

Purchased By: Mike Nielsen Logging
Address: 1979 Sotlich Road, Ely, MN 55731

NENW,NESE,NESW,NWNE,NWSE,SESW,SESE,SWNE of Section 16 - Township 61, Range 17W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ MIXED SPRUCE	WOODSRUN MIXED PRODUCTS	370.00	Cd	13.50	4,995.00	13.50	4,995.00
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	80.00	Cd	21.10	1,688.00	21.10	1,688.00
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	75.00	Cd	14.40	1,080.00	14.40	1,080.00
BASSWOOD	WOODSRUN CORDWOOD	50.00	Cd	9.20	460.00	9.20	460.00
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	30.00	Cd	9.50	285.00	9.50	285.00
BALSAM FIR	WOODSRUN CORDWOOD	25.00	Cd	11.55	288.75	11.55	288.75
TAMARACK	WOODSRUN CORDWOOD	5.00	Cd	5.45	27.25	5.45	27.25
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$8,824.00	BID TOTAL = \$ 8,824.00
				ADVANCE PAYMENT =		\$1,323.60	

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

ANY LISTED SPECIES BIOMASS 215.00 Tons 1.00 215.00

Mixed Species Description:

Mixed Spruce Woodsrun Mixed Products includes: Black Spruce 10%; White Spruce 90%.
Northern Hardwoods Woodsrun Cordwood includes: Ash 20%; Paper Birch 40%; Red Maple 40%.
Pine Species Woodsrun Mixed Products includes: Jack Pine 15%; Norway Pine 85%.

Mixed Product Description:

Mixed Spruce Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
Pine Species Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 70%.

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.

Sale Conditions:

- Access is across State land.

Marketing Conditions:

Aspen averages 10-12" DBH and 4-5 sticks
White spruce averages 5-7" DBH / 2-4 sticks in thinning stand an 12-15" DBH/ 4-5 sticks in clear cut stand.
Norway pine averages 7-11" DBH and 4-5 sticks
Price has been reduced by 10% due to thinning.

Price Adjustments:

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

Appraiser:

Brody J. Geiselman

(Appraisal ID 12606-0; Cutting Block ID 14738-0)

TRACT X5

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 137.0

Permit Number: X015567
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

GL03, GL04, NESW, SENW, SWNW of Section 3 - Township 63, Range 18W.
GL01, GL02, GL03, NWSE, SENE, SENW, SWNE of Section 4 - Township 63, Range 18W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID:	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	760.00	Cd	7.62	5,791.20	7.62	5,791.20
+ MIXED SPRUCE	WOODSRUN CORDWOOD	260.00	Cd	8.67	2,254.20	8.67	2,254.20
BALSAM FIR	WOODSRUN CORDWOOD	55.00	Cd	8.67	476.85	8.67	476.85
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	15.00	Cd	7.14	107.10	7.14	107.10
TREMBLING ASPEN	WOODSRUN CORDWOOD	10.00	Cd	15.81	158.10	15.81	158.10
JACK PINE	WOODSRUN CORDWOOD	5.00	Cd	5.61	28.05	5.61	28.05

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL =	\$8,815.50	BID TOTAL = \$	8,815.50
ADVANCE PAYMENT =	\$1,322.33		

Mixed Species Description:

Mixed Spruce Woodsrun Cordwood includes: Black Spruce 1%; White Spruce 99%.
Northern Hardwoods Woodsrun Cordwood includes: Paper Birch 77%; Red Maple 23%.

Mixed Product Description:

Norway Pine Woodsrun Mixed Products includes: Bolts 12%; Pulpwood 88%.

Season of Operations:

- Conduct sale operations on dry/frozen soil conditions only, except with written permission from State (Cutting Block 1).
- Frozen ground access across state (Cutting Block 2).

Sale Conditions:

- Access is across state land (Cutting Blocks 1 and 2).

Marketing Conditions:

Cutting block 1: DBH averages 9in and 5 sticks tall. WS averages 6 inches DBH with 3 sticks. cutting block one can mostly be harvested in the summer approximately 800 cords.

Cutting block2: DBH averages 8in and 5 stick average trees. This block has frozen access to it, approximately 200 cords.

Price Adjustments:

- Road Construction Costs: 0%
- Haul Distance to Nearest Mill: 0%
- Stand Density: 0%
- Operational Constraints: 0%
- Other Price Factor: -40% (first thinning and a reoffer)

Appraiser:

Christine Ann Martin

TRACT X6

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 91.0

Permit Number: X015568
Expiration Date: 05/31/2020

Purchased By: Bud R. Strandberg
Address: 1742 Hwy 73, Cook, MN 55723

GL02, GL03, NESW of Section 31 - Township 63, Range 19W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	900.00	Cd	21.10	18,990.00	21.10	18,990.00
+ NORTHERN HARDWOODS	WOODSRUN CORDWOOD	435.00	Cd	6.70	2,914.50	6.70	2,914.50
BALSAM FIR	WOODSRUN CORDWOOD	60.00	Cd	11.55	693.00	11.55	693.00
PINE SPECIES	WOODSRUN MIXED PRODUCTS	50.00	Cd	23.65	1,182.50	23.65	1,182.50
WHITE SPRUCE	WOODSRUN MIXED PRODUCTS	50.00	Cd	15.45	772.50	15.45	772.50
				APPRAISED TOTAL =	\$24,552.50	BID TOTAL = \$	24,552.50
				ADVANCE PAYMENT =	\$3,682.88		

+ BID SPECIES * SOLD ON APPRAISED VOLUME

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

ANY LISTED SPECIES BIOMASS 1,040.00 Tons 1.00 1,040.00

Mixed Species Description:

Northern Hardwoods Woodsrun Cordwood includes: Ash 8%; Paper Birch 46%; Red Maple 46%.
Pine Species Woodsrun Mixed Products includes: Norway Pine 60%; White Pine 40%.

Mixed Product Description:

Pine Species Woodsrun Mixed Products includes: Bolts 70%; Pulpwood 30%.
White Spruce Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 70%.

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.

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Trembling Aspen is 4% Balm of Gilead ASP 4-5 stick ,7-12" 12 cds./ acre.
Prices are reduced 20% due to quality and the amount of standing White Pine to work around

Price Adjustments:

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

Appraiser:

Terry R. Bergstrom

TRACT X7

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 44.0

Permit Number: X015569
Expiration Date: 05/31/2020

Purchased By: Wagner Logging LLC
Address: 3151 Hwy 53, International Falls, MN 56649

NESW,NWSE,NWSW,SESW,SWNW of Section 26 - Township 63, Range 21W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 44	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	770.00	Cd	23.70	18,249.00	34.13	26,280.10
+ MIXED SPRUCE	WOODSRUN CORDWOOD	200.00	Cd	13.00	2,600.00	18.72	3,744.00
* LOWLAND HARDWOODS	WOODSRUN CORDWOOD	45.00	Cd	6.45	290.25	6.45	290.25
BALSAM FIR	WOODSRUN CORDWOOD	40.00	Cd	13.00	520.00	13.00	520.00
* TAMARACK	WOODSRUN CORDWOOD	40.00	Cd	6.10	244.00	6.10	244.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$21,903.25	BID TOTAL = \$ 31,078.35
				ADVANCE PAYMENT =		\$3,285.49	

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

ANY LISTED SPECIES BIOMASS 640.00 Tons 1.00 640.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 7%; Trembling Aspen 93%.
Lowland Hardwoods Woodsrun Cordwood includes: Ash 78%; Paper Birch 22%.
Mixed Spruce Woodsrun Cordwood includes: Black Spruce 80%; White Spruce 20%.

Season of Operations:

- Frozen ground access only.
- No sale operations during firearms deer season unless permission from landowner.

Sale Conditions:

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

Marketing Conditions:

Aspen 5-6 stick, 12" dbh 23 cds/acre
Spruce 4 stick 9" dbh

Price Adjustments:

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

Appraiser:

Terry R. Bergstrom

TRACT X8

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 30.6

Permit Number: X015570
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

NENW,NESW,NWNE,NWSW,SENW,SWNE,SWNW of Section 36 - Township 64, Range 13W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	170.00	Cd	8.20	1,394.00	8.20	1,394.00
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	20.00	Cd	15.80	316.00	15.80	316.00
BALSAM FIR	WOODSRUN CORDWOOD	10.00	Cd	8.65	86.50	8.65	86.50
MIXED SPRUCE	WOODSRUN CORDWOOD	5.00	Cd	8.65	43.25	8.65	43.25
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	5.00	Cd	7.15	35.75	7.15	35.75
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$1,875.50	BID TOTAL = \$	1,875.50
				ADVANCE PAYMENT =	\$281.33		

Mixed Species Description:

Mixed Spruce Woodsrun Cordwood includes: Black Spruce 50%; White Spruce 50%.
Northern Hardwoods Woodsrun Cordwood includes: Paper Birch 50%; Red Maple 50%.
Pine Species Woodsrun Mixed Products includes: Jack Pine 21%; Norway Pine 53%; White Pine 26%.

Mixed Product Description:

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

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 7-8" DBH and 4-5 sticks
White pine averages 7-8" DBH and 4-5 sticks
Access is off the Hanson Lake road.
Base price reduced by 25% due to first thinning.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: -15%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: -25% (First Thinning)

Appraiser:

Brody J. Geiselman

TRACT X9

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 39.5

Permit Number: X015571
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

GL01 of Section 9; NESW,NWSW,SEW of Section 5 - Township 64, Range 18W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	170.00	Cd	22.44	3,814.80	22.44	3,814.80
+ ASPEN SPECIES	WOODSRUN CORDWOOD	160.00	Cd	21.08	3,372.80	21.08	3,372.80
+ MIXED SPRUCE	WOODSRUN MIXED PRODUCTS	115.00	Cd	15.99	1,838.85	15.99	1,838.85
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	22.00	Cd	9.52	209.44	9.52	209.44
BALSAM FIR	WOODSRUN CORDWOOD	2.00	Cd	11.56	23.12	11.56	23.12
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$9,259.01	BID TOTAL = \$ 9,259.01
				ADVANCE PAYMENT =		\$1,388.85	

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

ANY LISTED SPECIES	BIOMASS	265.00	Tons	1.00	265.00
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Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Largetooth Aspen 10%; Trembling Aspen 90%.
Mixed Spruce Woodsrun Mixed Products includes: Black Spruce 74%; White Spruce 26%.
Northern Hardwoods Woodsrun Cordwood includes: Paper Birch 68%; Red Maple 32%.
Pine Species Woodsrun Mixed Products includes: Jack Pine 17%; Norway Pine 2%; White Pine 81%.

Mixed Product Description:

Mixed Spruce Woodsrun Mixed Products includes: Bolts 32%; Pulpwood 68%.
Pine Species Woodsrun Mixed Products includes: Bolts 37%; Pulpwood 45%; Sawtimber 18%.

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.

Sale Conditions:

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

Marketing Conditions:

Aspen averages 12" diameter, 5 sticks
Pine averages 17" diameter, 6 sticks

White spruce averages 12"diameter, 6 sticks
Black spruce averages 8" diameter, 4 sticks

Section 9 harvest area can be accessed off of Elbow Lake Forest Road and then through North Ban Lake Spur.

Section 5 harvest area would be easier to access through Counihan Road and then through private and county land.

State will obtain permission to cross county land.

Price Adjustments:

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

Appraiser:

Andrew J. Erickson

(Appraisal ID 12661-0; Cutting Block ID 14802-0)

TRACT X10

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 23.3

Permit Number: X015572
Expiration Date: 05/31/2020

Purchased By: Wagner Logging LLC
Address: 3151 Hwy 53 Suite 1, International Falls, MN 56649

NWSE,SESW,SWSE of Section 25 - Township 64, Range 20W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	410.00	Cd	26.35	10,803.50	26.35	10,803.50
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	35.00	Cd	11.90	416.50	11.90	416.50
PINE SPECIES	WOODSRUN MIXED PRODUCTS	25.00	Cd	23.15	578.75	23.15	578.75
BALSAM FIR	WOODSRUN CORDWOOD	5.00	Cd	14.45	72.25	14.45	72.25
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$11,871.00	BID TOTAL = \$ 11,871.00
				ADVANCE PAYMENT =		\$1,780.65	

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

ANY LISTED SPECIES BIOMASS 200.00 Tons 1.00 200.00

Mixed Species Description:

Northern Hardwoods Woodsrun Cordwood includes: American Elm 1%; Paper Birch 54%; Red Maple 45%.
Pine Species Woodsrun Mixed Products includes: Jack Pine 40%; Norway Pine 60%.

Mixed Product Description:

Pine Species Woodsrun Mixed Products includes: Pulpwood 75%; Sawtimber 25%.

Season of Operations:

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

Sale Conditions:

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

Marketing Conditions:

Aspen average 11 inches DBH and 6.5 sticks.

Price Adjustments:

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

Appraiser:

Christine Ann Martin

TRACT X11

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 20.0

Permit Number: X015573
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

NENW of Section 26 - Township 64, Range 21W.
NESW,NWSE,SWNE of Section 27 - Township 64, Range 21W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID:	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASH	WOODSRUN MIXED PRODUCTS	220.00	Cd	8.96	1,971.20	8.96	1,971.20
+ ASPEN SPECIES	WOODSRUN CORDWOOD	55.00	Cd	20.72	1,139.60	20.72	1,139.60
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$3,110.80	BID TOTAL = \$ 3,110.80
				ADVANCE PAYMENT =		\$466.62	

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

ANY LISTED SPECIES BIOMASS 173.00 Tons 1.00 173.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 50%; Trembling Aspen 50%.

Mixed Product Description:

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

Season of Operations:

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

Sale Conditions:

- Access is across state land (Cutting Blocks 1 and 2).

Marketing Conditions:

Cutting Block 1 is wet-mesic ash cut with residuals. Cutting Block 2 is very wet-hydro mesic ash thinning. Ash is 65% 9-15"dbh (11" AVG) and 4 sticks, 35% 6-8"dbh (7" AVG) and 2-3 sticks. Base Price reduced (-15%) for Stand Density and Operational Constraints. Whole tree chipping option at the discretion of the TSA. Estimate of \$3.86/ton if approved.

Price Adjustments:

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

Appraiser:

David T. Sopoci

TRACT X12

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 67.2

Permit Number: X015574
 Expiration Date: 05/31/2020

Purchased By: Sokoloski Logging Inc.
Address: PO Box 146, Orr, MN 55771-0146

GL01, GL03, NESE, NESW, NWSE, SESE, SESW, SWSE of Section 16 - Township 66, Range 16W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	815.00	Cd	23.65	19,274.75	23.65	19,274.75
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	245.00	Cd	25.40	6,223.00	25.40	6,223.00
+ NORTHERN HARDWOODS	WOODSRUN CORDWOOD	135.00	Cd	10.67	1,440.45	10.67	1,440.45
+ MIXED SPRUCE	WOODSRUN MIXED PRODUCTS	100.00	Cd	19.58	1,958.00	19.58	1,958.00
	BALSAM FIR	45.00	Cd	13.01	585.45	13.01	585.45
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$29,481.65	BID TOTAL = \$ 29,481.65
				ADVANCE PAYMENT =		\$4,422.25	

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

ANY LISTED SPECIES BIOMASS 635.00 Tons 1.00 635.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 1%; Largetooth Aspen 3%; Trembling Aspen 96%.
 Mixed Spruce Woodsrun Mixed Products includes: Black Spruce 37%; White Spruce 63%.
 Northern Hardwoods Woodsrun Cordwood includes: Ash 1%; Paper Birch 85%; Red Maple 14%.
 Pine Species Woodsrun Mixed Products includes: Jack Pine 35%; Norway Pine 21%; White Pine 44%.

Mixed Product Description:

Mixed Spruce Woodsrun Mixed Products includes: Bolts 45%; Pulpwood 55%.
 Pine Species Woodsrun Mixed Products includes: Bolts 32%; Pulpwood 48%; Sawtimber 20%.

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.

Sale Conditions:

- Access is across Federal land.

Marketing Conditions:

Sale is located off of County Rd. 116 (Echo Trail) and then off of the Hunting Shack River Rd.

Aspen averages 13" diameter, 6 sticks

Norway pine averages 14" diameter, 5 - 6 sticks

White pine averages 15" diameter, 5 - 6 sticks

Price Adjustments:

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

Appraiser:

Andrew J. Erickson

(Appraisal ID 12595-0; Cutting Block ID 14718-0)

TRACT X13

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 14.3

Permit Number: X015575
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

SENW of Section 21 - Township 66, Range 20W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	70.00	Cd	23.71	1,659.70	23.71	1,659.70
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	60.00	Cd	24.02	1,441.20	24.02	1,441.20
+ PAPER BIRCH	WOODSRUN CORDWOOD	25.00	Cd	10.71	267.75	10.71	267.75
RED MAPLE	WOODSRUN CORDWOOD	5.00	Cd	10.71	53.55	10.71	53.55
BALSAM FIR	WOODSRUN CORDWOOD	3.00	Cd	13.00	39.00	13.00	39.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$3,461.20	BID TOTAL = \$ 3,461.20
				ADVANCE PAYMENT =		\$519.18	

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

ANY LISTED SPECIES	BIOMASS	75.00 Tons	1.00	75.00
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Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Largetooth Aspen 40%; Trembling Aspen 60%.

Mixed Product Description:

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

Season of Operations:

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

Sale Conditions:

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

Marketing Conditions:

aspen averages 10-14" dbh & 4-5 sticks
Norway pine averages 12-16" dbh and 5 sticks

Price Adjustments:

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

Appraiser:

Edward A. Schoon

TRACT X14

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 28.0

Permit Number: X015576
Expiration Date: 05/31/2020

Purchased By:
Address:

UNSOLD

SENE, SWNE of Section 29 - Township 66, Range 20W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	175.00	Cd	21.08	3,689.00	21.08	3,689.00
+ RED MAPLE	WOODSRUN CORDWOOD	125.00	Cd	9.52	1,190.00	9.52	1,190.00
PAPER BIRCH	WOODSRUN CORDWOOD	20.00	Cd	9.52	190.40	9.52	190.40
ASH	WOODSRUN CORDWOOD	5.00	Cd	6.80	34.00	6.80	34.00
BALSAM FIR	WOODSRUN CORDWOOD	5.00	Cd	11.56	57.80	11.56	57.80
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$5,161.20	BID TOTAL = \$	5,161.20
				ADVANCE PAYMENT =	\$774.18		

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

ANY LISTED SPECIES BIOMASS 190.00 Tons 1.00 190.00

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 county & MOLPUS land.
- Permission to cross MOLPUS land must be obtained by permittee.

Marketing Conditions:

Aspen averages 10-15 " dbh and 4-5 sticks.
Existing stream crossing previously had culvert and will need a permit, new culvert, and several loads of gravel.

Price Adjustments:

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

Appraiser:

Edward A. Schoon

TRACT X15

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 20.0

Permit Number: X015577
Expiration Date: 05/31/2020

Purchased By: Wagner Logging LLC
Address: 3151 Hwy 53 Suite 1, International Falls, MN 56649

GL04 of Section 13 - Township 66, Range 20W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	230.00	Cd	22.40	5,152.00	22.40	5,152.00
+ PAPER BIRCH	WOODSRUN CORDWOOD	55.00	Cd	10.11	556.05	10.11	556.05
+ BALSAM FIR	WOODSRUN CORDWOOD	35.00	Cd	12.28	429.80	12.28	429.80
MIXED SPRUCE	WOODSRUN CORDWOOD	20.00	Cd	12.28	245.60	12.28	245.60
RED MAPLE	WOODSRUN CORDWOOD	5.00	Cd	10.11	50.55	10.11	50.55
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$6,434.00	BID TOTAL = \$ 6,434.00
				ADVANCE PAYMENT =		\$965.10	

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

ANY LISTED SPECIES BIOMASS 175.00 Tons 1.00 175.00

Mixed Species Description:

Mixed Spruce Woodsrun Cordwood includes: Black Spruce 25%; White Spruce 75%.

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 USFS, state, county and private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:

Aspen averages 10-14" DBH and 5 sticks

Price Adjustments:

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

Appraiser:

Edward A. Schoon

TRACT X16

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 12.0

Permit Number: X015578
Expiration Date: 05/31/2020

Purchased By: Wagner Logging LLC
Address: 3151 Hwy 53 Suite 1, International Falls, MN 56649

NWNW of Section 35 - Township 66, Range 21W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	275.00	Cd	26.35	7,246.25	26.35	7,246.25
BALSAM FIR	WOODSRUN CORDWOOD	25.00	Cd	14.45	361.25	14.45	361.25
ASH	WOODSRUN CORDWOOD	5.00	Cd	8.50	42.50	8.50	42.50
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$7,650.00	BID TOTAL = \$ 7,650.00
				ADVANCE PAYMENT =		\$1,147.50	

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

ANY LISTED SPECIES BIOMASS 140.00 Tons 1.00 140.00

Season of Operations:

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

Sale Conditions:

- Access is across state, county, industrial & private land.
- Permission to cross industrial & private land must be obtained by permittee.

Marketing Conditions:

aspen averages 9-13" diameter and 5-6 sticks

Price Adjustments:

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

Appraiser:

Edward A. Schoon

TRACT X17

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 79.0

Permit Number: X015579
Expiration Date: 05/31/2020

Purchased By: Rutar Logging LLC.
Address: 5601 River Road, Buyck, MN 55771

NESW,NWSE,NWSW,SESW,SWNE,SWNW of Section 36 - Township 67, Range 17W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 8	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	1,200.00	Cd	23.70	28,440.00	25.60	30,720.00
+ NORTHERN HARDWOODS	WOODSRUN CORDWOOD	200.00	Cd	10.55	2,110.00	11.39	2,278.00
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	150.00	Cd	41.31	6,196.50	44.61	6,691.50
BALSAM FIR	WOODSRUN CORDWOOD	100.00	Cd	13.00	1,300.00	13.00	1,300.00
MIXED SPRUCE	WOODSRUN MIXED PRODUCTS	80.00	Cd	17.35	1,388.00	17.35	1,388.00
JACK PINE	WOODSRUN MIXED PRODUCTS	30.00	Cd	13.60	408.00	13.60	408.00

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL =	\$39,842.50	BID TOTAL = \$	42,785.50
ADVANCE PAYMENT =	\$5,976.38		

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 1%; Trembling Aspen 99%.
Mixed Spruce Woodsrun Mixed Products includes: Black Spruce 60%; White Spruce 40%.
Northern Hardwoods Woodsrun Cordwood includes: Ash 5%; Paper Birch 25%; Red Maple 70%.

Mixed Product Description:

Jack Pine Woodsrun Mixed Products includes: Bolts 20%; Pulpwood 80%.
Mixed Spruce Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 70%.
Norway Pine Woodsrun Mixed Products includes: Bolts 50%; Pulpwood 10%; Sawtimber 40%.

Season of Operations:

- Conduct sale operations on dry or frozen soil conditions only, except with written permission from State.
- Operate during non-rutting soil conditions. Refer to DNR rutting guidelines.

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Aspen 5-7 stick 10-12" dbh
Northern hardwoods 2-4 stick 6-10' dbh
Norway pine 6-8 stick 10-20" dbh

Price Adjustments:

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

Appraiser:

Jeffrey J. Rengo

TRACT X18

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 146.1

Permit Number: X015580
 Expiration Date: 05/31/2020

Purchased By:
 Address:

UNSOLD

NENE,NESE,NESW,NWNE,NWSE,NWSW,SENE,SESW,SWNE,SWSE,SWSW of Section 16 - Township 67, Range 19W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID:	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	460.00	Cd	7.95	3,657.00	7.95	3,657.00
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	160.00	Cd	17.12	2,739.20	17.12	2,739.20
+ WHITE PINE	WOODSRUN CORDWOOD	150.00	Cd	6.08	912.00	6.08	912.00
BALSAM FIR	WOODSRUN CORDWOOD	55.00	Cd	9.39	516.45	9.39	516.45
MIXED SPRUCE	WOODSRUN CORDWOOD	25.00	Cd	9.39	234.75	9.39	234.75
PAPER BIRCH	WOODSRUN CORDWOOD	10.00	Cd	7.74	77.40	7.74	77.40

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$8,136.80
 ADVANCE PAYMENT = \$1,220.52
 BID TOTAL = \$ 8,136.80

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

ANY LISTED SPECIES BIOMASS 435.00 Tons 1.00 435.00

Mixed Species Description:

Mixed Spruce Woodsrun Cordwood includes: Black Spruce 50%; White Spruce 50%.

Mixed Product Description:

Norway Pine Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.

Season of Operations:

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

Sale Conditions:

- Access is across Molpus & USFS land.

Marketing Conditions:

Stand 44: Norway pine averages 8-11" dbh and 3 sticks. Cut 15 ft strips leaving 45 ft between, reach in to leave strips and thin to approx. 90 sq.ft basal area favoring well formed Norway pine. current BA is approx 150 sq.ft.

Stand 29: Norway pine averages 8-10" dbh and 3 sticks. Cut 15 ft strips leaving 45 ft between, reach in to leave strips and thin to approx. 90 sq.ft basal area favoring well formed Norway pine. current BA is approx 135 sq.ft.

Stand 41: White pine averages 12-16" dbh and 3-4 sticks. Thin trees to approx. 60 sq.ft. basal area favoring well formed norway & white pine to open stand for more regeneration. Limit damage to existing regeneration.

Price Adjustments:

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

Appraiser:

Edward A. Schoon

TRACT X19

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 22.6

Permit Number: X015581

Purchased Over-the-Counter Date: 08/29/2017

Expiration Date: 05/31/2020

Purchased By: Imhof Chipping

Address: 5622 County Rd 8, Littlefork, MN 56653

NENW,NESW,NWNW,NWSE,SENE,SWNE,SWNW of Section 15 - Township 67, Range 21W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	190.00	Cd	23.71	4,504.90	23.71	4,504.90
+ BALSAM FIR	WOODSRUN CORDWOOD	67.00	Cd	13.00	871.00	13.00	871.00
PAPER BIRCH	WOODSRUN CORDWOOD	27.00	Cd	10.71	289.17	10.71	289.17
RED MAPLE	WOODSRUN CORDWOOD	20.00	Cd	10.71	214.20	10.71	214.20
WHITE SPRUCE	WOODSRUN CORDWOOD	5.00	Cd	13.00	65.00	13.00	65.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$5,944.27	BID TOTAL = \$ 5,944.27
				ADVANCE PAYMENT =		\$891.64	

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

ANY LISTED SPECIES BIOMASS 155.00 Tons 1.00 155.00

Season of Operations:

- Conduct sale operations on 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.

Marketing Conditions:

aspen averages 10-14: dbh and 4-5 sticks
white spruce allowed on stand 460 is for road wood to access stand
reserve spruce and cedar within stand 460
reserve pine, cedar and spruce in stand 346

Price Adjustments:

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

Appraiser:

Edward A. Schoon

TRACT X20

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 34.1

Permit Number: X015582
Expiration Date: 05/31/2020

Purchased Over-the-Counter Date: 08/29/2017

Purchased By: Imhof Chipping

Address: 5622 County Rd 8, Littlefork, MN 56653

SWSE,SWSW of Section 8; NENE of Section 17 - Township 67, Range 21W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ PINE SPECIES	WOODSRUN CORDWOOD	145.00	Cd	7.48	1,084.60	7.48	1,084.60
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	100.00	Cd	21.08	2,108.00	21.08	2,108.00
+ MIXED SPRUCE	WOODSRUN CORDWOOD	55.00	Cd	11.56	635.80	11.56	635.80
+ BALSAM FIR	WOODSRUN CORDWOOD	45.00	Cd	11.56	520.20	11.56	520.20
RED MAPLE	WOODSRUN CORDWOOD	5.00	Cd	9.52	47.60	9.52	47.60
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$4,396.20	BID TOTAL = \$	4,396.20
				ADVANCE PAYMENT =	\$659.43		

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

ANY LISTED SPECIES BIOMASS 180.00 Tons 1.00 180.00

Mixed Species Description:

Mixed Spruce Woodsrun Cordwood includes: Black Spruce 45%; White Spruce 55%.
Pine Species Woodsrun Cordwood includes: Jack Pine 30%; Norway Pine 70%.

Season of Operations:

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

Sale Conditions:

- Access is across USFS land.

Marketing Conditions:

stand 56: aspen & pine avg 2-3 sticks & 8-11" dbh, reserve white pine. Tightly pile slash on landing. This stand is summer harvestable.

stand 51: red pine avg 2-3 sticks & 7-10" dbh, spruce avg 1-2 sticks & 6-8" dbh. harvest 15 ft. strips with 45 ft between strips. Reach into leave strips and reduce to approx 90 sq.ft. basal area favoring well formed spruce and pine. Currently approx basal area is 175. Lop & scatter slash to less than 2 ft. Parts of this stand are summer harvestable.

stands 63 & 71: aspen ave 3-4 sticks & 8-12" dbh, reserve cedar. Lop & scatter slash to less than 2 ft. Only frozen ground operations in these two stands.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: -10%
Operational Constraints: 0%
Other Price Factor: -10% (first entry spruce/pine thinning, stand 51)

Appraiser:

Edward A. Schoon

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

TOWER AREA - ORR FIELD STATION

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 6, 2017

- SUMMARY SHEET -

06/06/2017 INTERMEDIATE AUCTION - SALE #2

COMPLETED - DATA AS OF 12/27/2017

TOWER AREA

SUMMARY FOR SOLD TRACTS

PRODUCT	SPECIES	TOTAL VOLUME	UNIT	SOLD AVERAGE UNIT PRICE	TOTAL SOLD \$ VALUE
WOODSRUN MIXED PRODUCTS	PINE SPECIES	395.00	Cd	22.95	9,064.25
	NORWAY PINE	510.00	Cd	32.23	16,438.50
	JACK PINE	160.00	Cd	11.45	1,832.75
	WHITE SPRUCE	50.00	Cd	15.45	772.50
	MIXED SPRUCE	880.00	Cd	14.00	12,317.50
WOODSRUN CORDWOOD	ASH	5.00	Cd	8.50	42.50
	LOWLAND HARDWOODS	45.00	Cd	6.45	290.25
	ASPEN SPECIES	2,785.00	Cd	27.39	76,274.85
	TREMBLING ASPEN	2,405.00	Cd	22.84	54,936.40
	PAPER BIRCH	142.00	Cd	10.54	1,496.22
	NORTHERN HARDWOODS	845.00	Cd	8.81	7,441.45
	RED MAPLE	30.00	Cd	10.41	312.35
	BASSWOOD	50.00	Cd	9.20	460.00
	PINE SPECIES	145.00	Cd	7.48	1,084.60
	WHITE SPRUCE	5.00	Cd	13.00	65.00
	BALSAM FIR	522.00	Cd	12.43	6,487.70
	TAMARACK	45.00	Cd	6.03	271.25
	MIXED SPRUCE	385.00	Cd	14.56	5,604.40
BIOMASS	ANY LISTED SPECIES (optional)	4,035.00	Tons	-	0.00

TOTAL SOLD TRACTS CONVERTED TO CORDS: 9,404.00
TOTAL APPRAISED DOLLAR VALUE OF SOLD TRACTS: \$ 183,074.37
TOTAL BID-UP DOLLAR VALUE OF SOLD TRACTS: \$ 195,192.47
TOTAL ACRES SOLD: 558.4
SOLD TRACT NUMBERS: 2, 3, 4, 6, 7, 10, 12, 15, 16, 17, 19, 20
TOTAL NUMBER OF TRACTS SOLD: 12

SUMMARY FOR UNSOLD TRACTS

PRODUCT	SPECIES	TOTAL VOLUME	UNIT	APPRAISED AVERAGE UNIT PRICE	APPRAISED \$ VALUE
WOODSRUN MIXED PRODUCTS	ASH	220.00	Cd	8.96	1,971.20
	PINE SPECIES	340.00	Cd	15.32	5,208.80
	NORWAY PINE	1,280.00	Cd	8.51	10,889.40
	JACK PINE	90.00	Cd	12.70	1,143.00
	MIXED SPRUCE	275.00	Cd	12.42	3,414.85
WOODSRUN CORDWOOD	ASH	5.00	Cd	6.80	34.00
	ASPEN SPECIES	285.00	Cd	21.66	6,172.10
	TREMBLING ASPEN	490.00	Cd	18.03	8,833.55
	PAPER BIRCH	185.00	Cd	7.81	1,445.55
	NORTHERN HARDWOODS	42.00	Cd	8.39	352.29
	RED MAPLE	130.00	Cd	9.57	1,243.55
	WHITE PINE	150.00	Cd	6.08	912.00
	JACK PINE	5.00	Cd	5.61	28.05
	BALSAM FIR	140.00	Cd	9.17	1,284.22
	TAMARACK	30.00	Cd	3.95	118.50
MIXED SPRUCE	290.00	Cd	8.73	2,532.20	
BIOMASS	ANY LISTED SPECIES (optional)	1,422.00	Tons	1.00	1,422.00

- SUMMARY SHEET (Continued) -

TOTAL UNSOLD TRACTS CONVERTED TO CORDS: 3,957.00
TOTAL APPRAISED DOLLAR VALUE OF UNSOLD TRACTS: \$ 45,583.26
TOTAL ACRES UNSOLD: 456.8
UNSOLD TRACT NUMBERS: 1, 5, 8, 9, 11, 13, 14, 18
TOTAL NUMBER OF TRACTS UNSOLD: 8
