



MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

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

STATUS: COMPLETED
REGULAR AUCTION - SALE #1
ORAL BID

Notice is hereby given that I offered for sale at public auction in Cloquet, MN at 9:00 AM on Tuesday, September 6, 2016, timber belonging to the State of Minnesota. All tracts were offered at the Cloquet Area Forestry Office in Cloquet, 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
REGULAR AUCTION
ORAL BID TIMBER SALE
CLOQUET AREA

9:00 AM on September 6, 2016
Cloquet Area Forestry Office in Cloquet, 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. Bidding above 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 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)].

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 September 6, 2017, at the following Area Headquarters: Cloquet Area.

TRACT B1 COUNTY: PINE AREA: SANDSTONE AREA ACRES: 63.0

Permit Number: B013402
Expiration Date: 05/31/2018

Purchased By: CTP Chipping Inc.
Address: 53778 Fir Lane, Sandstone, MN 55072

SESE,SWSE of Section 4; NENE,NENW,NWNE,SENE,SWNE of Section 9 - Township 45, Range 16W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 191	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	1,260.00	Cd	8.67	10,924.20	25.23	31,789.80
+ NORTHERN HARDWOODS	WOODSRUN CORDWOOD	315.00	Cd	4.59	1,445.85	13.36	4,208.40
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$12,370.05	BID TOTAL = \$	35,998.20
				ADVANCE PAYMENT =	\$1,855.51		

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

* ANY LISTED SPECIES BIOMASS 940.00 Tons 1.00 940.00

Mixed Species Description:

Northern Hardwoods Woodsrun Cordwood includes: Paper Birch 50%; Red Maple 12%; Red Oak 25%; Sugar Maple 13%.

Marketing Conditions:

Aspen averages 9" D.B.H. and 6 sticks.
Stand is heavily impacted by blowdown. Estimate of damage is 75% affected, of which 50% is uprooted, 20% has stem breakage, and 30% is leaning.
Good dry summer chance so long as care is taken to work around pockets of low ground within sale.
Easy access off Net Lake Forest Rd. Northeast Extension.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: -60% (Blowdown salvage.)

Appraiser:

Benjamin I. Becker

TRACT B2

COUNTY: PINE

AREA: SANDSTONE AREA

ACRES: 106.8

Permit Number: B013403
Expiration Date: 05/31/2017

Purchased By: Palmer Logging
Address: 3356 County Rd 157PO Box 226, Barnum, MN 55707

NENE,NESE,NESW,NWSE,SENE,SENW,SESE,SWNE,SWSE of Section 9; NWSW,SWNW,SWSW of Section 10 - Township 45, Range 16W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 105	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	1,980.00	Cd	8.50	16,830.00	17.43	34,511.40
ASPEN SPECIES	WOODSRUN CORDWOOD	100.00	Cd	8.65	865.00	8.65	865.00
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	50.00	Cd	4.50	225.00	4.50	225.00
SPRUCE-BALSAM	WOODSRUN CORDWOOD	30.00	Cd	5.10	153.00	5.10	153.00

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$18,073.00
ADVANCE PAYMENT = \$2,710.95
BID TOTAL = \$ 35,754.40

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

ANY LISTED SPECIES BIOMASS 907.00 Tons 0.40 362.80

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Largetooth Aspen 30%; Trembling Aspen 70%.
Northern Hardwoods Woodsrun Cordwood includes: Ash 10%; Paper Birch 20%; Red Maple 40%; Red Oak 30%.
Pine Species Woodsrun Mixed Products includes: Norway Pine 95%; White Pine 5%.
Spruce-Balsam Woodsrun Cordwood includes: Balsam Fir 5%; Black Spruce 80%; White Spruce 15%.

Mixed Product Description:

Pine Species Woodsrun Mixed Products includes: Bolts 40%; Pulpwood 50%; Sawtimber 10%.

Cutting and Felling:

- Harvest all damaged norway and white pine, and all damaged aspen species, red maple, red oak, paper birch, spruce species, balsam fir, and ash.
- Harvest non-damaged pine trees only where operationally necessary with TSA approval.

Season of Operations:

- The following restrictions apply to cut pine greater than 3 inch diameter: December 1 to May 31: Pine cut in this period must be hauled or destroyed by June 1. June 1 to August 31: Pine cut in this period must be hauled and destroyed within 3 weeks. September 1 to November 30: No special restrictions for pine cut in this period.

Slash Disposal:

- Biomass harvest is allowed on this permit. An Added Timber Agreement is required.

Sale Conditions:

- The sale will expire May 31, 2017 due to urgency to salvage this damaged stand. Deadline was shortened hoping that marketability may still be possible.

Marketing Conditions:

Location of sale is off the NE Extension (NLFRD) in Nemadji State Forest. - 6 miles from State Highway 23 and ~ 3 miles east of Nickerson, MN. (Pine County).

Stand information:

Approximate 55 year old Norway Pine stand impacted by July 11- 2016 thunderstorm - windstorm strong downbursts. Was thinned < 2 years ago. Basal area ranges are 80 - 130

average is 110, and volume ranges from 48 - 60 cds/acre

Approximately 50% of stand was impacted. Damaged trees to be harvested include uprooted trees, trees with wind - caused lean in excess of 30 degrees from vertical, and trees with more than 30 percent of live crown broken off.

Tree information:

Norway and white pine diameters range from 9" - 14" @ 8 sticks

White Spruce diameter 9" @ 7 sticks

Black Spruce diameter: 6-9" @ 3 - 4 sticks

Aspen: 8-14" diameter @ 4 - 6 sticks

Red maple: 6 - 9" diameter @ 4 sticks

Black ash: 9" @ 4 sticks

Red oak: 8 - 12" diameter @ 4 - 6 sticks

Paper birch: 7 - 12" diameter @ 3 - 5 sticks

Included in pine volumes estimate is 10% un-damaged pine trees. Reason due to the fact that some healthy pine will have to be cut in order to get to damaged portions of stand, and skid routes will be established that will impact un-damaged pine trees.

Identifying areas of un-damaged trees to cut was too difficult - due to how trees were blown down. Un Safe situation.

Note: Blue stain will be setting in the future, and bark beetles, as well.

Possibly having impacts on marketability.

Due to urgency to salvage this damaged stand. Deadline was shortened hoping to capture marketability.

** 1/2 mile of New road construction is required, and 2 new landings to be constructed.

** 3/4 mile of haul rd. and 3 landings already exist for harvest operations.

Soil conditions are favorable for summer harvest operations in portions of permit, unless extended rain periods are experienced.

*** More detailed map will be provided at presale meeting ***

Price Adjustments:

Road Construction Costs: 0%

Haul Distance to Nearest Mill: 0%

Stand Density: 0%

Operational Constraints: 0%

Other Price Factor: -60% (Blowdown in stand ~ 50%)

Appraiser:

Michael R. Dahl

TRACT B3

COUNTY: CARLTON

AREA: CLOQUET AREA

ACRES: 162.4

Permit Number: B013404
Expiration Date: 05/31/2018

Purchased By: CTP Chipping Inc.
Address: 53778 Fir Lane, Sandstone, MN 55072

NESE,NWSE of Section 1 - Township 49, Range 20W.
NENE,NWNE,SENE,SWNE of Section 12; NWSE,SESE,SWSE of Section 1 - Township 49, Range 20W.
NESW,NWSE,SENE,SWNE,SWSE of Section 1 - Township 49, Range 20W.
GL05,GL06 of Section 6 - Township 49, Range 19W.
NESW,SENE,SESW,SWSW of Section 1 - Township 49, Range 20W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 99	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	2,015.00	Cd	8.43	16,986.45	16.78	33,811.70
PAPER BIRCH	WOODSRUN CORDWOOD	320.00	Cd	4.08	1,305.60	4.08	1,305.60
WHITE SPRUCE	WOODSRUN CORDWOOD	280.00	Cd	5.44	1,523.20	5.44	1,523.20
TAMARACK	WOODSRUN CORDWOOD	240.00	Cd	2.04	489.60	2.04	489.60
BLACK SPRUCE	WOODSRUN CORDWOOD	200.00	Cd	5.44	1,088.00	5.44	1,088.00
BALSAM FIR	WOODSRUN CORDWOOD	185.00	Cd	5.10	943.50	5.10	943.50
RED MAPLE	WOODSRUN CORDWOOD	120.00	Cd	4.08	489.60	4.08	489.60
ASH	WOODSRUN CORDWOOD	70.00	Cd	2.38	166.60	2.38	166.60
NORWAY PINE	WOODSRUN MIXED PRODUCTS	60.00	Cd	10.73	643.80	10.73	643.80
WHITE PINE	WOODSRUN MIXED PRODUCTS	30.00	Cd	8.02	240.60	8.02	240.60

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$23,876.95 BID TOTAL = \$ 40,702.20
ADVANCE PAYMENT = \$3,581.54

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

ANY LISTED SPECIES BIOMASS 1,860.00 Tons 0.40 744.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 16%; Largetooth Aspen 19%; Trembling Aspen 65%.

Mixed Product Description:

Norway Pine Woodsrun Mixed Products includes: Bolts 57%; Pulpwood 43%.
White Pine Woodsrun Mixed Products includes: Bolts 40%; Pulpwood 40%; Sawtimber 20%.

Marketing Conditions:

This is a salvage sale that has the price discounted 60% due to wind damage. The estimated amount of damage acres is 15% has no damage, 40% has 20-50% damage, 25% has 50-75% damage, and 15% has 75-100% damage. Damage is defined as snapped off, tipped over or leaning more than 30%.

CB1 and CB2 have probable summer access, CB3 and CB4 are winter access.

The site has very good access from Lake 36 Rd. Little road building will be required but a new culvert will need to be installed to access CB1. The culvert and gravel will be provided by the state but will need to be loaded hauled and installed by the permittee.

CB3 may be accessed through CB1 or by crossing the small ditch at the NE corner of the cutting Block.

CB4 is accessed by an established access route that crosses private land and approximately 300 ft of lowland stagnant spruce. The landowner has indicated he would allow access but final permission needs to be received by the permittee.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: -60% (wind damage)

Appraiser:

Randall N. Guetersloh

(Appraisal ID 12279-0; Cutting Block ID 14359-0, 14352-0, 14353-0, 14354-0)

TRACT B4 COUNTY: CARLTON AREA: CLOQUET AREA ACRES: 101.0

Permit Number: B013405
Expiration Date: 09/06/2017

Purchased By: CTP Chipping Inc.
Address: 53778 Fir Lane, Sandstone, MN 55072

NWNW of Section 16; NENE,NENW,NWNE,SENE,SENW,SWNE of Section 17 - Township 49, Range 19W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 31	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	880.00	Cd	18.43	16,218.40	24.14	21,243.20
+ MAPLE SPECIES	WOODSRUN MIXED PRODUCTS	305.00	Cd	10.12	3,086.60	13.26	4,044.30
+ WHITE SPRUCE	WOODSRUN MIXED PRODUCTS	210.00	Cd	21.68	4,552.80	28.40	5,964.00
+ BASSWOOD	WOODSRUN MIXED PRODUCTS	165.00	Cd	8.96	1,478.40	11.74	1,937.10
ASH	WOODSRUN MIXED PRODUCTS	105.00	Cd	6.68	701.40	6.68	701.40
PAPER BIRCH	WOODSRUN MIXED PRODUCTS	50.00	Cd	10.12	506.00	10.12	506.00
RED OAK	WOODSRUN MIXED PRODUCTS	10.00	Cd	15.89	158.90	15.89	158.90
BALSAM FIR	WOODSRUN MIXED PRODUCTS	5.00	Cd	16.26	81.30	16.26	81.30

+ BID SPECIES * SOLD ON APPRAISED VOLUME
 APPRAISED TOTAL = \$26,783.80
 ADVANCE PAYMENT = \$4,017.57
 BID TOTAL = \$ 34,636.20

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

ANY LISTED SPECIES BIOMASS 1,105.00 Tons 0.85 939.25

Mixed Species Description:

Maple Species Woodsrun Mixed Products includes: Red Maple 30%; Sugar Maple 70%.

Mixed Product Description:

- Ash Woodsrun Mixed Products includes: Bolts 25%; Pulpwood 75%.
- Balsam Fir Woodsrun Mixed Products includes: Bolts 50%; Pulpwood 50%.
- Basswood Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 70%.
- Maple Species Woodsrun Mixed Products includes: Bolts 25%; Pulpwood 75%.
- Paper Birch Woodsrun Mixed Products includes: Bolts 25%; Pulpwood 75%.
- Red Oak Woodsrun Mixed Products includes: Bolts 50%; Pulpwood 50%.
- White Spruce Woodsrun Mixed Products includes: Bolts 70%; Pulpwood 30%.

Cutting and Felling:

- Harvest all species w/in harvest area.
- Reserve all non-damaged red oak and white pine.

Season of Operations:

- Operate during non-rutting soil conditions. Refer to DNR rutting guidelines.

Slash Disposal:

- Biomass harvest is allowed on this permit. An Added Timber Agreement is required.
- If biomass is purchased with an Added Timber Agreement, 20% of the tops and limbs must be left on the site or hauled back from the landing and redistributed in the general harvest area. This percentage may be adjusted up or down to meet the 1/3 retention goal if incidental breakage is more or less than 10-15%.

Slash Disposal (Continued):

- If biomass is not purchased, then tightly pile slash on landings as designated by TSA. Piles should be free of dirt, stumps, root wads, and prohibited materials. Piles should be placed a minimum of 25 feet away from standing timber.

Sale Conditions:

- Access is across State land.

Marketing Conditions:

No pine were cruised, but there were some w/in sight that might need to be removed for access or for safety reasons only. If so then they can be blended in w/ spruce or fir.

About 25% of the harvest area has blowdown damage (mostly on the west side) and will be reflected so in the pricing.

Price Adjustments:

Road Construction Costs: +5%

Haul Distance to Nearest Mill: +10%

Stand Density: -5%

Operational Constraints: 0%

Other Price Factor: -25% (Blowdown damage)

Appraiser:

Joshua C. Muchow

(Appraisal ID 12238-0; Cutting Block ID 14305-0)

TRACT B5 COUNTY: CARLTON AREA: CLOQUET AREA ACRES: 12.6
 Permit Number: B013406
 Expiration Date: 09/06/2017

Purchased By: Thomas W. Anderson
Address: 1459 Kalli Road, Cromwell, MN 55726

NWSE of Section 18 - Township 49, Range 19W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 125	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	240.00	Cd	8.84	2,121.60	19.89	4,773.60
+ WHITE SPRUCE	WOODSRUN MIXED PRODUCTS	60.00	Cd	7.62	457.20	17.15	1,029.00

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$2,578.80
 ADVANCE PAYMENT = \$386.82
 BID TOTAL = \$ 5,802.60

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

ANY LISTED SPECIES BIOMASS 150.00 Tons 0.40 60.00

Mixed Product Description:

Norway Pine Woodsrun Mixed Products includes: Bolts 50%; Pulpwood 25%; Sawtimber 25%.
 White Spruce Woodsrun Mixed Products includes: Bolts 40%; Pulpwood 50%; Sawtimber 10%.

Cutting and Felling:

- Harvest Norway pine and white spruce.

Season of Operations:

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

Slash Disposal:

- Biomass harvest is allowed on this permit. An Added Timber Agreement is required.

Sale Conditions:

- Access is across state land.

Marketing Conditions:

This is a salvage sale that the price has been discounted 60% due to wind damage.

The stand was approximately 50% damaged. It appeared most of the damage to this stand is uprooted "tip overs."

This site had already been thinned at least 2 times and has a high percentage of bolts and sawtimber sized trees.

Access is along Rogers Lake Rd and no road building will be needed. There are old landings in the area that may be used.

The trails going through this sale are popular with hunters and have timber covering them. We have marked the trails closed but the permittee is encouraged to get in as soon as possible to reduce the chance of someone damaging bolts and or sawlogs while clearing the trail.

Price Adjustments:

Road Construction Costs: 0%
 Haul Distance to Nearest Mill: 0%
 Stand Density: 0%
 Operational Constraints: 0%
 Other Price Factor: -60% (wind damage)

Appraiser:

Randall N. Guetersloh

(Appraisal ID 12280-0; Cutting Block ID 14360-0)

TRACT B6 COUNTY: CARLTON AREA: CLOQUET AREA ACRES: 94.0

Permit Number: B013407
Expiration Date: 05/31/2018

Purchased By: Thomas W. Anderson
Address: 1459 Kalli Road, Cromwell, MN 55726

SWSW of Section 12; SESE,SWSE of Section 11; NENE,NWNE,SENE,SWNE of Section 14;
NENW,NWNW,SENE of Section 13 - Township 49, Range 20W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	1,350.00	Cd	8.60	11,610.00	8.60	11,610.00
+ MIXED CONIFERS	WOODSRUN MIXED PRODUCTS	330.00	Cd	5.53	1,824.90	5.53	1,824.90
MIXED HARDWOODS	WOODSRUN MIXED PRODUCTS	300.00	Cd	4.19	1,257.00	4.19	1,257.00

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$14,691.90
ADVANCE PAYMENT = \$2,203.79
BID TOTAL = \$ 14,691.90

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

ANY LISTED SPECIES BIOMASS 1,120.00 Tons 0.40 448.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 5%; Trembling Aspen 95%.
Mixed Conifers Woodsrun Mixed Products includes: Balsam Fir 5%; Black Spruce 85%; Tamarack 5%; White Spruce 5%.
Mixed Hardwoods Woodsrun Mixed Products includes: Ash 10%; Paper Birch 45%; Red Maple 45%.

Mixed Product Description:

Mixed Conifers Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.
Mixed Hardwoods Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.

Season of Operations:

- Frozen ground access only.

Sale Conditions:

- Access is across State land.
- Due to blow down conditions the last reserve area of approximately 3 acres will be mark out once the timber sale is opened.

Marketing Conditions:

-This is a salvage sale
-Damage is approximately 40% to 60%
-There is an available informal sale in the local area, as noted on the sale map. Approx. 200 cords, on 10 acres of Aspen species.
-Access is across state land.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: -60% (salvage)

Appraiser:

Robert E. Slater

TRACT B7

COUNTY: CARLTON

AREA: CLOQUET AREA

ACRES: 66.6

Permit Number: B013408
Expiration Date: 05/31/2018

Purchased By: J & A Logging of Wright
Address: 6737 Pacific Ave, Wright, MN 55798

NESE,NWSE,SENE of Section 3; NESW,NWSE,NWSW,SESW,SWNE of Section 2 - Township 49, Range 20W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 210	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	1,530.00	Cd	13.01	19,905.30	40.33	61,704.90
+ BLACK SPRUCE	WOODSRUN CORDWOOD	345.00	Cd	8.16	2,815.20	25.30	8,728.50
+ SPRUCE-BALSAM	WOODSRUN MIXED PRODUCTS	195.00	Cd	10.15	1,979.25	31.47	6,136.65
NORWAY PINE	WOODSRUN MIXED PRODUCTS	90.00	Cd	11.88	1,069.20	11.88	1,069.20
MIXED HARDWOODS	WOODSRUN CORDWOOD	65.00	Cd	5.87	381.55	5.87	381.55
TAMARACK	WOODSRUN CORDWOOD	50.00	Cd	3.06	153.00	3.06	153.00

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$26,303.50 BID TOTAL = \$ 78,173.80
ADVANCE PAYMENT = \$3,945.53

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

ANY LISTED SPECIES BIOMASS 1,585.00 Tons 0.60 951.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Trembling Aspen 100%.
Mixed Hardwoods Woodsrun Cordwood includes: Ash 10%; Paper Birch 30%; Red Maple 60%.
Spruce-Balsam Woodsrun Mixed Products includes: Balsam Fir 5%; White Spruce 95%.

Mixed Product Description:

Norway Pine Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 70%.
Spruce-Balsam Woodsrun Mixed Products includes: Bolts 20%; Pulpwood 80%.

Cutting and Felling:

- Harvest all listed merchantable species to required top diameters. Openland mgmt units require utilization or knockdown of all snags and non-merch stems to at least 2" dbh.
- Fell all live black spruce equal to or greater than 5 feet tall.
- Reserve all pink painted trees (<1/ac clustered) and all white pine and white cedar.

Season of Operations:

- Conduct sale operations on frozen/ dry soil conditions only, except with written permission from State.
- Operate during non-rutting soil conditions. Refer to DNR rutting guidelines.
- Summer harvest is possible under dry conditions for most of the units, otherwise small portions and the black spruce unit may require re-entry under frozen conditions to complete harvest.

Sale Conditions:

- Access is across state land.
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.
- The sale will expire 5/31/2018 due to windstorm damage.

Marketing Conditions:

Sale is located approximately 6 miles North of Cromwell, and 2 miles East on Heikkila Rd. Sale is considered salvage due to windstorm damage (60% reduction). Price was increased 5% Haul, 5% Access and 10% Stand Density. Overall it is reduced 40%. Units averaged approximately 45% affected by damage of either uproot/ top lean/ stem breakage. Sale mostly utilizes natural boundary with blue/ red paint indicated on map. Sale is partly within a sharptail grouse mgmt area (openland mgmt

units indicated on map) and therefore no reserves. Furthest West site will require a bridge to cross ditch.

Aspen avg dbh 10", 5-6 sticks, areas of damage mostly include stem breakage

Black spruce avg dbh 7", 4-5 sticks, damage mostly uprooted

White spruce avg dbh 10", 5-7 sticks, damage mostly bent tops (upper 15')

Norway pine avg dbh 12", 6-7 sticks, damage mostly heavy lean

Price Adjustments:

Road Construction Costs: +5%

Haul Distance to Nearest Mill: +5%

Stand Density: +10%

Operational Constraints: 0%

Other Price Factor: -60% (Windstorm salvage)

Appraiser:

Brian Patrick Schiller

(Appraisal ID 12266-0; Cutting Block ID 14341-0)

TRACT B8 COUNTY: CARLTON AREA: CLOQUET AREA ACRES: 103.5

Permit Number: B013409
 Expiration Date: 05/31/2018

Purchased By: Thomas W. Anderson
 Address: 1459 Kalli Road, Cromwell, MN 55726

SWSE of Section 3; NESW,NWNE,NWSE,NWSW,SESE,SESW,SWNE,SWSE of Section 10; NENW of Section 15 - Township 49, Range 20W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 55	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	2,350.00	Cd	16.12	37,882.00	24.99	58,726.50
RED MAPLE	WOODSRUN CORDWOOD	150.00	Cd	7.65	1,147.50	7.65	1,147.50
PAPER BIRCH	WOODSRUN MIXED PRODUCTS	80.00	Cd	8.16	652.80	8.16	652.80
LOWLAND HARDWOODS	WOODSRUN CORDWOOD	20.00	Cd	3.51	70.20	3.51	70.20
SPRUCE-BALSAM	WOODSRUN CORDWOOD	20.00	Cd	9.88	197.60	9.88	197.60
ANY LISTED SPECIES	BIOMASS	1,210.00	Tons	0.75	907.50	0.75	907.50

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$40,857.60 BID TOTAL = \$ 61,702.10
 ADVANCE PAYMENT = \$6,128.64

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 5%; Trembling Aspen 95%.
 Lowland Hardwoods Woodsrun Cordwood includes: American Elm 50%; Ash 50%.
 Spruce-Balsam Woodsrun Cordwood includes: Balsam Fir 50%; Black Spruce 30%; White Spruce 20%.

Mixed Product Description:

Paper Birch Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.

Cutting and Felling:

- Harvest all aspen, maple, spruce, fir, ash and elm.
- Reserve tamarack, pine and cedar, a cluster of 3 Aspen/Birch trees around wetlands as indicated by the 4 R's with a circle around them on the map. Also reserve the 4 reserve islands indicated on the map.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- The private landowners would prefer no harvest operations to occur 9/17/2016 to 12/11/2016 due to the archery, deer and muzzleloader seasons.

Landings Roads and Trails:

- Haul roads will be restored to pre-sale conditions.

Sale Conditions:

- Access is across state and private land.
- Permission to cross private land must be obtained by permittee.
- The private land owners that share the access to state land for this permit have indicated they are also interested in salvage/logging opportunities on their land. Contact the TSA Wes Habedank at the Floodwood Forestry Field Station for more information and their contact info at 476-7022.

Marketing Conditions:

This is a salvage sale from the July Blowdown events. The stand damage ranged from 0 to 50% damage. Damage that occurred ranges from trees with broken tops and limbs to leaning trees to tree that were blown over flat with root wad tip ups. Prices have been reduced 25% as 25% is the average amount of damage these stands sustained as a whole. Most of the timber cruised to come up with these volume estimates was still standing. The logger can expect the majority of this stand to be mostly still standing.

Aspen 5-6 stick 10-13" DBH
Birch 4-6 stick 8-12" DBH
Maple 3-5 stick 7-11" DBH
Fir/Spruce 3-5 stick 7-11 DBH
Lowland Hardwood Ash/Elm 3-4 stick 7-9" DBH

Sale length was reduced to 2 years to salvage blowdown timber, however harvesting winter 2016-2017 is preferred.

Contact TSA Wes Habedank for landowner contact info. 476-7022

GPS shapefile of the permit area is available upon request.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: -25% (due to an average of 25% stand damage)

Appraiser:

Wesley J. Habedank

(Appraisal ID 12263-0; Cutting Block ID 14327-0)

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

CLOQUET AREA

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: September 6, 2016

- SUMMARY SHEET -

09/06/2016 REGULAR AUCTION - SALE #1

COMPLETED - DATA AS OF 12/26/2017

CLOQUET AREA

SUMMARY FOR <u>SOLD</u> TRACTS					
PRODUCT	SPECIES	TOTAL VOLUME	UNIT	SOLD AVERAGE UNIT PRICE	TOTAL SOLD \$ VALUE
WOODSRUN MIXED PRODUCTS	ASH	105.00	Cd	6.68	701.40
	PAPER BIRCH	130.00	Cd	8.91	1,158.80
	MAPLE SPECIES	305.00	Cd	13.26	4,044.30
	BASSWOOD	165.00	Cd	11.74	1,937.10
	RED OAK	10.00	Cd	15.89	158.90
	PINE SPECIES	1,980.00	Cd	17.43	34,511.40
	WHITE PINE	30.00	Cd	-	0.00
	NORWAY PINE	390.00	Cd	14.98	5,842.80
	SPRUCE-BALSAM	195.00	Cd	31.47	6,136.65
	WHITE SPRUCE	270.00	Cd	25.90	6,993.00
	BALSAM FIR	5.00	Cd	16.26	81.30
	MIXED CONIFERS	330.00	Cd	5.53	1,824.90
	MIXED HARDWOODS	300.00	Cd	4.19	1,257.00
	WOODSRUN CORDWOOD	ASH	70.00	Cd	-
LOWLAND HARDWOODS		20.00	Cd	3.51	70.20
ASPEN SPECIES		7,345.00	Cd	18.09	132,906.40
TREMBLING ASPEN		2,140.00	Cd	9.93	21,243.20
PAPER BIRCH		320.00	Cd	-	0.00
NORTHERN HARDWOODS		365.00	Cd	0.62	225.00
RED MAPLE		270.00	Cd	4.25	1,147.50
SPRUCE-BALSAM		50.00	Cd	7.01	350.60
WHITE SPRUCE		280.00	Cd	-	0.00
BALSAM FIR		185.00	Cd	-	0.00
BLACK SPRUCE		545.00	Cd	16.02	8,728.50
TAMARACK		290.00	Cd	0.53	153.00
MIXED HARDWOODS		65.00	Cd	5.87	381.55
BIOMASS		ANY LISTED SPECIES (optional)	7,667.00	Tons	-
	ANY LISTED SPECIES	1,210.00	Tons	1.46	1,765.30

TOTAL SOLD TRACTS CONVERTED TO CORDS: 16,160.00
TOTAL APPRAISED DOLLAR VALUE OF SOLD TRACTS: \$ 165,535.60
TOTAL BID-UP DOLLAR VALUE OF SOLD TRACTS: \$ 310,166.76
TOTAL ACRES SOLD: 709.9
TOTAL NUMBER OF TRACTS SOLD: 8