



MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

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

STATUS: COMPLETED
INTERMEDIATE AUCTION - SALE #4
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 4:30 PM on Thursday, January 7, 2021. All tracts were awarded at the Bid Awarding on 1/8/2021 at 1:00 PM in the Two Harbors Office parking lot in Two Harbors, 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.

Minnesota DNR is Certified to the Sustainable Forestry Initiative® and/or the Forest Stewardship Council®.
For information on our certificates go to mndnr.gov/forestry/certification/certificates.html



MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY
INTERMEDIATE AUCTION
SEALED BID TIMBER SALE
TWO HARBORS AREA

**SEALED BIDS MUST BE RECEIVED PRIOR TO
4:30 PM on January 7, 2021**

Bids will be awarded at the following location:

Bid Awarding on 1/8/2021 at 1:00 PM in the Two Harbors Office parking lot in Two Harbors, 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, all bids must be submitted in one or more envelopes, the envelopes should be marked with the auction name. Bid forms may be obtained online at <https://www.dnr.state.mn.us/forestry/timbersales/calendar.html> or 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 (4:30 PM on January 7, 2021). 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.

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 opening 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 January 7, 2022, at the following Area Headquarters: Two Harbors 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: TWO HARBORS AREA

ACRES: 108.1

Permit Number: X017695
Expiration Date: 05/31/2024

Purchased By:
Address:

UNSOLD

NESW,SWNW of Section 8; NENE of Section 7 - Township 55, Range 9W.
NENE of Section 17 - Township 55, Range 9W.
NWSW,SESW,SWSE of Section 6; NENE,NWNE,SENE of Section 7; SWNW of Section 8 - Township 55, Range 9W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	PULP & BOLTS	510.00	Cd	8.43	4,299.30	8.43	4,299.30
+ PAPER BIRCH	PULP & BOLTS	110.00	Cd	5.50	605.00	5.50	605.00
NORTHERN HARDWOODS	PULP & BOLTS	60.00	Cd	5.95	357.00	5.95	357.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$5,261.30	BID TOTAL = \$	5,261.30
				ADVANCE PAYMENT =	\$789.20		

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

MIXED SPRUCE	PULP & BOLTS	135.00	Cd	5.47	738.45		
TAMARACK	PULP & BOLTS	10.00	Cd	3.33	33.30		
ANY LISTED SPECIES	BIOMASS	385.00	Tons	0.33	127.05		

Mixed Species Description:

Aspen Species Pulp & Bolts includes: Balm of Gilead 5%; Trembling Aspen 95%.
Mixed Spruce Pulp & Bolts includes: Black Spruce 78%; White Spruce 22%.
Northern Hardwoods Pulp & Bolts includes: Red Maple 95%; Sugar Maple 5%.

Mixed Product Description:

Aspen Species Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Mixed Spruce Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.
Northern Hardwoods Pulp & Bolts includes: Bolts 19%; Pulpwood 81%.
Paper Birch Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Tamarack Pulp & Bolts includes: Bolts 11%; Pulpwood 89%.

Cutting and Felling:

- Harvest black spruce and tamarack (Cutting Block 3).
- Harvest trembling aspen, balm of Gilead and paper birch (Cutting Block 2).
- Harvest trembling aspen, balm of Gilead, and paper birch in CB1A; harvest white spruce, black spruce, trembling aspen, balm of Gilead, and paper birch in CB1B; harvest trembling aspen, balm of Gilead, red maple, and sugar maple in CB1C; harvest trembling aspen and balm of Gilead in CB1D (Cutting Block 1).
- Fell all live black spruce equal to or greater than 5 feet tall (Cutting Block 3).

Season of Operations:

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

Sale Conditions:

- Access is across county and state land (Cutting Blocks 1, 2, and 3).
- Permission to cross county and state land must be obtained by permittee (Cutting Blocks 1, 2, and 3).

Marketing Conditions:

Reduction in road construction is because of 8.5 miles of minimum maintenance road that will need to be plowed and possibly graded due to rough nature and approximately 0.75 miles of new trail that must be created in multiple spots to

access timber. Reduction in operational constraints are due to inability to cross stream other than one designated location leading to long skids to get timber to landings.

From the intersection of Hwy 61 and Hwy 3 in Two Harbors, head north on Hwy 3 for 17 miles. Turn north onto the N Alger Grade and drive for 2 miles to the split rock river snowmobile shelter and bridge. The sale is north and south of this point. Sale is located approximately 21 miles from Two Harbors, 70 miles from Cloquet, 135 miles from Grand Rapids, 185 miles from International Falls, and 200 miles from Bemidji.

Price Adjustments:

Road Construction Costs: -10%
Haul Distance to Nearest Mill: 0%
Stand Density: -10%
Operational Constraints: -10%
Other Price Factor: -20% (disease issues: SBW, dwarf mistletoe, birch die)

Appraiser:

Andrew R. Weston

(Appraisal ID 16368-0; Cutting Block ID 19008-0, 19010-0, 19009-0)

TRACT X2

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 16.0

Permit Number: X017696
Expiration Date: 05/31/2024

Purchased By:
Address:

UNSOLD

NWNW,SWNW of Section 11 - Township 56, Range 8W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORTHERN HARDWOODS	PULP & BOLTS	150.00	Cd	9.10	1,365.00	9.10	1,365.00
+ BASSWOOD	PULP & BOLTS	30.00	Cd	5.44	163.20	5.44	163.20
ASH	PULP & BOLTS	20.00	Cd	5.14	102.80	5.14	102.80
+ ASPEN SPECIES	PULPWOOD	20.00	Cd	10.33	206.60	10.33	206.60
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$1,837.60	BID TOTAL = \$	1,837.60
				ADVANCE PAYMENT =	\$275.64		

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

BALSAM FIR	PULPWOOD	10.00	Cd	5.60	56.00
WHITE SPRUCE	PULP & BOLTS	10.00	Cd	9.94	99.40
ANY LISTED SPECIES	BIOMASS	170.00	Tons	0.46	78.20

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 75%; Trembling Aspen 25%.
Northern Hardwoods Pulp & Bolts includes: Paper Birch 18%; Sugar Maple 67%; Yellow Birch 15%.

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.
Basswood Pulp & Bolts includes: Bolts 11%; Pulpwood 89%.
Northern Hardwoods Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
White Spruce Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.

Cutting and Felling:

- Harvest strips 30 feet wide oriented north/south of sugar maple, yellow birch, paper birch, basswood, balsam fir, black ash, balm of Gilead, aspen, and white spruce.
- Broadcast skid across harvested strips to scarify site for regeneration by exposing mineral soil. Intent is to have minimum 75% mineral soil exposure. Full tree skidding is recommended.

Season of Operations:

- Conduct sale operations on dry and snow-free 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:

Reduction in operational constraint due to strip cuts across sale and seasonal restriction. To meet regeneration goals, scarification through logging is necessary. Season of operation must be during dry or snow-free conditions. From Silver Bay, drive north on MN-61 for 5 miles. Turn north west onto MN-1 and drive 4.3 miles. Turn south west onto Lax Lake Road and drive 3.5 miles. Turn north west onto Birdshot Road and drive 1.5 miles to and old, grown over logging road. Follow logging road approximately .5 miles to timber sale. Sale is located approximately 190 miles from Bemidji, 120 miles from Grand Rapids, 170 miles from International Falls, and 80 miles from Cloquet.

Timber is discounted due to low volume and harvest prescription.

Price Adjustments:

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

Appraiser:

Andrew R. Weston

(Appraisal ID 15553-0; Cutting Block ID 18163-0)

TRACT X3

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 59.8

Permit Number: X017697
Expiration Date: 05/31/2024

Purchased By:
Address:

UNSOLD

SESE of Section 36 - Township 59, Range 8W.
GL01 of Section 1 - Township 58, Range 8W.
GL03, GL04 of Section 6 - Township 58, Range 7W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ MIXED SPRUCE	PULP & BOLTS	300.00	Cd	6.38	1,914.00	6.38	1,914.00
BALSAM FIR	PULP & BOLTS	270.00	Cd	5.06	1,366.20	5.06	1,366.20
+ TREMBLING ASPEN	PULP & BOLTS	190.00	Cd	13.60	2,584.00	13.60	2,584.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$5,864.20	BID TOTAL = \$ 5,864.20
				ADVANCE PAYMENT =		\$879.63	

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

PAPER BIRCH	PULPWOOD	45.00	Cd	8.00	360.00
ANY LISTED SPECIES	BIOMASS	385.00	Tons	0.52	200.20

Mixed Species Description:

Mixed Spruce Pulp & Bolts includes: Black Spruce 60%; White Spruce 40%.

Mixed Product Description:

Balsam Fir Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

Mixed Spruce Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

Trembling Aspen Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

Cutting and Felling:

- Harvest balsam fir and trembling aspen. harvest spruce species under 14" DBH. Optional harvest of white birch.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Site is located on the East General Grade 4 miles east of Highway 1.

Additional -25% base price due to 20% of balsam and spruce infested with budworm with less than 10% mortality.

All acres have dry to late summer opportunity for harvest.

Price Adjustments:

Road Construction Costs: 0%

Haul Distance to Nearest Mill: -10%

Stand Density: -10%

Operational Constraints: 0%

Other Price Factor: 0%

Appraiser:

Matthew James Widen

TRACT X4

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 75.0

Permit Number: X017698
Expiration Date: 05/31/2024

Purchased By:
Address:

UNSOLD

SEW of Section 23 - Township 58, Range 8W.
NESW,NWSE,NWSW,SEW,SWNE,SWNW of Section 23 - Township 58, Range 8W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ MIXED SPRUCE	PULP & BOLTS	790.00	Cd	2.83	2,235.70	2.83	2,235.70
BALSAM FIR	PULP & BOLTS	200.00	Cd	2.44	488.00	2.44	488.00
NORWAY PINE	PULP & BOLTS	10.00	Cd	6.88	68.80	6.88	68.80
PAPER BIRCH	PULPWOOD	10.00	Cd	5.50	55.00	5.50	55.00
TAMARACK	PULPWOOD	10.00	Cd	3.30	33.00	3.30	33.00
TREMBLING ASPEN	PULPWOOD	10.00	Cd	9.35	93.50	9.35	93.50

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$2,974.00
ADVANCE PAYMENT = \$446.10
BID TOTAL = \$ 2,974.00

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

ANY LISTED SPECIES BIOMASS 493.00 Tons 0.36 177.48

Mixed Species Description:

Mixed Spruce Pulp & Bolts includes: Black Spruce 30%; White Spruce 70%.

Mixed Product Description:

Balsam Fir Pulp & Bolts includes: Bolts 1%; Pulpwood 99%.
Mixed Spruce Pulp & Bolts includes: Bolts 3%; Pulpwood 97%.
Norway Pine Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.

Cutting and Felling:

- Harvest 20ft wide strips and leave 25ft wide strips. Thin the remaining trees to 100 basal area starting with balsam fir followed by spruce species (Cutting Block 1).
- Harvest spruce and balsam over 5" dbh and under 14in DBH (Cutting Block 2).

Season of Operations:

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

Sale Conditions:

- Access is across state and county land (Cutting Blocks 1 and 2).
- Permission to cross county land must be obtained by permittee (Cutting Blocks 1 and 2).

Marketing Conditions:

Site located 1 mile south of Murphy City 300 feet west of Highway 1.
East half of block 1 and all of block 2 is frozen ground sale operations only. Frozen ground swamp crossing into half of block 1 and block 2.
Recreation trail will be crossed and appropriate signage will be needed at crossing.
Additional -25% base price due to 20% of spruce and balsam infested with budworm with less than 10% mortality.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: -10%
Stand Density: 0%
Operational Constraints: -10%
Other Price Factor: -25% (1st entry tinning)

Appraiser:

Matthew James Widen

(Appraisal ID 15495-0; Cutting Block ID 18054-0, 18059-0)

TRACT X5

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 80.7

Permit Number: X017699
Expiration Date: 05/31/2024

Purchased By:
Address:

UNSOLD

NESE,NWSE,SENE,SENW,SESE,SWNE,SWNW of Section 1 - Township 58, Range 8W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ MIXED SPRUCE	PULP & BOLTS	730.00	Cd	6.74	4,920.20	6.74	4,920.20
BALSAM FIR	PULP & BOLTS	350.00	Cd	5.06	1,771.00	5.06	1,771.00
TREMBLING ASPEN	PULP & BOLTS	70.00	Cd	13.60	952.00	13.60	952.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$7,643.20	BID TOTAL = \$	7,643.20
				ADVANCE PAYMENT =	\$1,146.48		

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

PAPER BIRCH	PULP & BOLTS	30.00	Cd	9.60	288.00		
ANY LISTED SPECIES	BIOMASS	560.00	Tons	0.52	291.20		

Mixed Species Description:

Mixed Spruce Pulp & Bolts includes: Black Spruce 65%; White Spruce 35%.

Mixed Product Description:

Balsam Fir Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Mixed Spruce Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.
Paper Birch Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Trembling Aspen Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.

Cutting and Felling:

- Harvest balsam fir. Harvest spruce and aspen under 15" DBH. Paper birch is optional.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

70% of site is frozen ground access only.
Additional -25% base price due to 20% of spruce and balsam is infested with budworm with less than 10% mortality.

Price Adjustments:

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

Appraiser:

Matthew James Widen

TRACT X6

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 88.2

Permit Number: X017700
Expiration Date: 05/31/2024

Purchased By:
Address:

UNSOLD

GL01, GL02, NWNE, SENW of Section 7 - Township 58, Range 9W.
NWNE, SENE, SWSW of Section 12; NWNW of Section 23; NENW, NWNE, NWNW of Section 13;
NESW, SENW, SESW of Section 14 - Township 58, Range 10W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ BALSAM FIR	PULPWOOD	740.00	Cd	2.00	1,480.00	2.00	1,480.00
+ MIXED SPRUCE	PULP & BOLTS	510.00	Cd	7.73	3,942.30	7.73	3,942.30
+ NORWAY PINE	PULPWOOD	320.00	Cd	5.25	1,680.00	5.25	1,680.00
+ PAPER BIRCH	PULPWOOD	100.00	Cd	7.50	750.00	7.50	750.00
TAMARACK	PULPWOOD	25.00	Cd	4.50	112.50	4.50	112.50
TREMBLING ASPEN	PULPWOOD	5.00	Cd	12.75	63.75	12.75	63.75

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL =	\$8,028.55	BID TOTAL = \$	8,028.55
ADVANCE PAYMENT =	\$1,204.28		

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

ANY LISTED SPECIES	BIOMASS	400.00	Tons	0.49	196.00
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Mixed Species Description:

Mixed Spruce Pulp & Bolts includes: Black Spruce 78%; White Spruce 22%.

Mixed Product Description:

Mixed Spruce Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

Cutting and Felling:

- Harvest in block 1 trees with 2 sticks or more of balsam fir, paper birch, tamarack, and aspen. Harvest trees with 4 sticks or more of spruce. Harvest in block 2 trees with 2 sticks or more of balsam fir, spruce, pine, and tamarack. Harvest in block 3 trees with 2 sticks or more of balsam fir, white spruce, paper birch, tamarack, and aspen. Fell all black spruce taller than 5 feet.

Season of Operations:

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

Landings Roads and Trails:

- Best access is across approximately 8.5 miles US Forest Service roads. The permit holder shall obtain a road use permit from the USFS District Office before beginning sale operations. Provisions of this permit will become part of the terms and conditions for this sale.

Sale Conditions:

- Access is across USFS, state and private 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:

30% of sale area (20% of volume) has potential summer/dry access.
Discounted for operational constraints (reserve requirements and winter road) and distance (7mi) to nearest 4-season road.
Balsam fir discounted and additional 50% off base price for spruce budworm.
USFS access permit has been applied for.

Price Adjustments:

Road Construction Costs: -15%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: -10%
Other Price Factor: -50% (Spruce budworm salvage)

Appraiser:

Karen L. Updegraff

(Appraisal ID 15773-0; Cutting Block ID 18336-0)

TRACT X7

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 188.2

Permit Number: X017701
Expiration Date: 05/31/2024

Purchased By:
Address:

UNSOLD

NWNW of Section 23; NESW, SENW, SESW of Section 14; NENW, NWNE, NWNW of Section 13; SWSW of Section 12 - Township 58, Range 10W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID:	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ BALSAM FIR	PULPWOOD	1,020.00	Cd	2.00	2,040.00	2.00	2,040.00
+ MIXED SPRUCE	PULP & BOLTS	930.00	Cd	8.67	8,063.10	8.67	8,063.10
+ NORTHERN HARDWOODS	PULPWOOD	710.00	Cd	7.00	4,970.00	7.00	4,970.00
JACK PINE	PULPWOOD	100.00	Cd	4.90	490.00	4.90	490.00
TREMBLING ASPEN	PULPWOOD	55.00	Cd	11.90	654.50	11.90	654.50
TAMARACK	PULPWOOD	10.00	Cd	4.20	42.00	4.20	42.00

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL =	\$16,259.60	BID TOTAL = \$	16,259.60
ADVANCE PAYMENT =	\$2,438.94		

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

ANY LISTED SPECIES	BIOMASS	1,200.00	Tons	0.46	552.00
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Mixed Species Description:

Mixed Spruce Pulp & Bolts includes: Black Spruce 69%; White Spruce 31%.
Northern Hardwoods Pulpwood includes: Paper Birch 86%; Yellow Birch 14%.

Mixed Product Description:

Mixed Spruce Pulp & Bolts includes: Bolts 26%; Pulpwood 74%.

Cutting and Felling:

- Harvest in block 1 trees with 2 sticks or more of aspen, paper birch, balsam fir, tamarack. Harvest trees with 4 sticks or more of spruce and jack pine. Harvest in block 2 trees with 2 sticks or more of aspen, paper birch, yellow birch, balsam fir, tamarack. Harvest trees with 4 sticks or more of spruce and jack pine.

Season of Operations:

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

Sale Conditions:

- Access is across USFS, state and private land.
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.
- This sale may require new access across USFS lands. A Special Use permit for the identified route has been applied for by the DNR. Provisions of this permit will become part of the terms and conditions for this sale.

Marketing Conditions:

Balsam fir discounted 75% off base price for spruce budworm.
Road and operational constraints are: long distance from all-season road, (at least 1.9 mi) winter-only recreational trail and water crossings.
USFS access permit has been applied for.

Price Adjustments:

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

Appraiser:

Karen L. Updegraff

(Appraisal ID 15819-0; Cutting Block ID 18394-0)

TRACT X8

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 100.0

Permit Number: X017702
Expiration Date: 05/31/2024

Purchased By: Tibbetts Trucking
Address: 6389 Lax Lake Rd, Finland, MN 55603

NENE,NENW,NESE,NWNE,SENE,SWNE of Section 27; SWSW of Section 22 - Township 61, Range 7W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 102	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	PULPWOOD	1,900.00	Cd	15.30	29,070.00	30.91	58,729.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$29,070.00	BID TOTAL = \$	58,729.00
				ADVANCE PAYMENT =	\$4,360.50		

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

BLACK SPRUCE	PULPWOOD	500.00	Cd	8.10	4,050.00		
JACK PINE	PULP & BOLTS	250.00	Cd	13.05	3,262.50		
BALSAM FIR	PULPWOOD	50.00	Cd	7.20	360.00		

Mixed Product Description:

Jack Pine Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

Cutting and Felling:

- Harvest Aspen 5" DBH and greater. If optional timber of Balsam Fir or Black Spruce is purchased harvest trees 5" DBH and greater. If optional Jack Pine is purchased thin Jack Pine clumps (4 trees or more) by half the basal area taking trees 5" DBH and greater.

Season of Operations:

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

Landings Roads and Trails:

- For USFS system roads the best access is across approximately 14 miles US Forest Service roads. The permit holder shall obtain a road use permit from the USFS District Office before beginning sale operations. Provisions of this permit will become part of the terms and conditions for this sale. For access across USFS land: this sale may require new access across USFS lands. A Special Use permit for the identified route has been applied for by the DNR. Provisions of this permit will become part of the terms and conditions for this sale.

Sale Conditions:

- Access is across USFS land.

Marketing Conditions:

Sale is located south of the Lake 29 East Rd, and east of the Dumbbell River. Road brushing and construction into the sale is expected, with mostly dry access.

Aspen is of good quality followed by optional Jack Pine, average quality. Black Spruce and Balsam Fir are also optional but may restrict operations to frozen access.

Price Adjustments:

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

Appraiser:

Glenn N. Ristow

TRACT X9

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 118.0

Permit Number: X017703
 Expiration Date: 05/31/2024

Purchased By: Tibbetts Trucking
Address: 6389 Lax Lake Rd, Finland, MN 55603

NENW, NWNW of Section 34; NESW, NWSE, NWSW, SENW, SESW, SWNW, SWSW of Section 27 - Township 61, Range 7W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 108	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	PULPWOOD	1,450.00	Cd	14.45	20,952.50	30.06	43,587.00
+ BID SPECIES	* SOLD ON APPRAISED VOLUME						
					APPRAISED TOTAL =	\$20,952.50	BID TOTAL = \$ 43,587.00
					ADVANCE PAYMENT =	\$3,142.88	

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

BLACK SPRUCE	PULPWOOD	575.00	Cd	7.65	4,398.75		
JACK PINE	PULP & BOLTS	275.00	Cd	12.32	3,388.00		
BALSAM FIR	PULPWOOD	100.00	Cd	6.80	680.00		

Mixed Product Description:

Jack Pine Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

Cutting and Felling:

- Harvest Aspen 5" DBH and greater. If optional timber of Balsam Fir or Black Spruce is purchased harvest trees 5" DBH and greater. If optional Jack Pine is purchased thin Jack Pine clumps (4 trees or more) by half the basal area taking trees 5" DBH or greater.

Season of Operations:

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

Landings Roads and Trails:

- For USFS system roads the best access is across approximately 14 miles US Forest Service roads. The permit holder shall obtain a road use permit from the USFS District Office before beginning sale operations. Provisions of this permit will become part of the terms and conditions for this sale. For access across USFS land: this sale may require new access across USFS lands. A Special Use permit for the identified route has been applied for by the DNR. Provisions of this permit will become part of the terms and conditions for this sale.

Sale Conditions:

- Access is across USFS land.

Marketing Conditions:

Sale is located north of the Trappers Lake Rd on Silver Island Lake Spur C, and west of the Dumbbell River. Road brushing, construction and freezing into the sale is expected.

Aspen is of good quality followed by optional Jack Pine, average quality, Black Spruce and Balsam Fir pulp.

Price Adjustments:

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

Appraiser:

Glenn N. Ristow

TRACT X10

COUNTY: COOK

AREA: TWO HARBORS AREA

ACRES: 153.0

Permit Number: X017704
Expiration Date: 05/31/2024

Purchased By:
Address:

UNSOLD

GL02, GL03, GL04, GL05, GL06, GL07, SENE, SENW, SWNW of Section 36 - Township 65, Range 1W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORWAY PINE	PULPWOOD	1,400.00	Cd	0.70	980.00	0.70	980.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$980.00	BID TOTAL = \$ 980.00
				ADVANCE PAYMENT =		\$147.00	

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

ANY LISTED SPECIES	BIOMASS	850.00 Tons	0.07	59.50
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Cutting and Felling:

- Harvest red pine as first entry logger select thinning-goal is to reduce average spacing within the stand to 13'x13', reducing average basal area to 90 from current average of 170.

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:

Discounts -65% Cook County, -25% first entry thinning.

Access is from Clearwater Rd onto state land, approximately 3.5 miles from Gunflint Trail.

Price Adjustments:

- Road Construction Costs: 0%
- Haul Distance to Nearest Mill: 0%
- Stand Density: 0%
- Operational Constraints: 0%
- Other Price Factor: -90% (first entry thinning and Cook County)

Appraiser:

Aaron J. Mielke

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

TWO HARBORS 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: January 7, 2021

- SUMMARY SHEET -

01/07/2021 INTERMEDIATE AUCTION - SALE #4

COMPLETED - DATA AS OF 01/08/2021

TWO HARBORS AREA

SUMMARY FOR SOLD TRACTS

PRODUCT	SPECIES	TOTAL VOLUME	UNIT	SOLD AVERAGE UNIT PRICE	TOTAL SOLD \$ VALUE
PULP & BOLTS	JACK PINE <i>(optional)</i>	525.00	Cd	-	0.00
PULPWOOD	TREMBLING ASPEN	3,350.00	Cd	30.54	102,316.00
	BALSAM FIR <i>(optional)</i>	150.00	Cd	-	0.00
	BLACK SPRUCE <i>(optional)</i>	1,075.00	Cd	-	0.00

TOTAL SOLD TRACTS CONVERTED TO CORDS: 5,100.00
TOTAL APPRAISED DOLLAR VALUE OF SOLD TRACTS: \$ 50,022.50
TOTAL BID-UP DOLLAR VALUE OF SOLD TRACTS: \$ 102,316.00
TOTAL ACRES SOLD: 218.0
SOLD TRACT NUMBERS: 8, 9
TOTAL NUMBER OF TRACTS SOLD: 2

SUMMARY FOR UNSOLD TRACTS

PRODUCT	SPECIES	TOTAL VOLUME	UNIT	APPRAISED AVERAGE UNIT PRICE	APPRAISED \$ VALUE
PULP & BOLTS	ASH	20.00	Cd	5.14	102.80
	ASPEN SPECIES	510.00	Cd	8.43	4,299.30
	TREMBLING ASPEN	260.00	Cd	13.60	3,536.00
	PAPER BIRCH	110.00	Cd	5.50	605.00
	PAPER BIRCH <i>(optional)</i>	30.00	Cd	9.60	288.00
	NORTHERN HARDWOODS	210.00	Cd	8.20	1,722.00
	BASSWOOD	30.00	Cd	5.44	163.20
	NORWAY PINE	10.00	Cd	6.88	68.80
	WHITE SPRUCE <i>(optional)</i>	10.00	Cd	9.94	99.40
	BALSAM FIR	820.00	Cd	4.42	3,625.20
	TAMARACK <i>(optional)</i>	10.00	Cd	3.33	33.30
	MIXED SPRUCE <i>(optional)</i>	135.00	Cd	5.47	738.45
	MIXED SPRUCE	3,260.00	Cd	6.46	21,075.30
PULPWOOD	ASPEN SPECIES	20.00	Cd	10.33	206.60
	TREMBLING ASPEN	70.00	Cd	11.60	811.75
	PAPER BIRCH	110.00	Cd	7.32	805.00
	PAPER BIRCH <i>(optional)</i>	45.00	Cd	8.00	360.00
	NORTHERN HARDWOODS	710.00	Cd	7.00	4,970.00
	NORWAY PINE	1,720.00	Cd	1.55	2,660.00
	JACK PINE	100.00	Cd	4.90	490.00
	BALSAM FIR	1,760.00	Cd	2.00	3,520.00
	BALSAM FIR <i>(optional)</i>	10.00	Cd	5.60	56.00
	TAMARACK	45.00	Cd	4.17	187.50
BIOMASS	ANY LISTED SPECIES <i>(optional)</i>	4,443.00	Tons	0.38	1,681.63

TOTAL UNSOLD TRACTS CONVERTED TO CORDS: 10,005.00
TOTAL APPRAISED DOLLAR VALUE OF UNSOLD TRACTS: \$ 48,848.45
TOTAL ACRES UNSOLD: 769.0
UNSOLD TRACT NUMBERS: 1, 2, 3, 4, 5, 6, 7, 10
TOTAL NUMBER OF TRACTS UNSOLD: 8