



MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

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

**STATUS: COMPLETED
INTERMEDIATE AUCTION - SALE #2
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 Tuesday, June 11, 2019. All tracts were awarded at the DNR Forestry Northeast Region Office at 1:30 PM on June 12th, 2019 in Grand Rapids, 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

SEALED BID TIMBER SALE

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

**SEALED BIDS MUST BE RECEIVED PRIOR TO
4:30 PM on June 11, 2019**

Bids will be awarded at the following location:

DNR Forestry Northeast Region Office at 1:30 PM on June 12th, 2019 in Grand Rapids, MN

TERMS OF SALE

- This auction sale will be held according to Minnesota Statutes Sections 90.101 and 90.14. Timber shall be offered and sold by the same unit of measure as it was appraised. Sale shall be made to the responsible bidder who bids the highest price for all timber species advertised for bidding on each tract. Bids must be submitted on bid forms provided by the State, each bid must be sealed in a separate envelope, the envelope must be clearly marked with the tract number and bidder's name on the outside of the envelope. Bid forms may be obtained from the Forestry Area Office(s) listed above. Bids may be submitted by mail or in person at any time during regular business hours prior to the bid submission deadline (June 11, 2019). 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 award date. Advance payments will not be accepted with the bid. Failure to provide the advance payment within 14 days of the bid opening date will result in forfeiture of the permit and the purchaser will be held liable for the advance payment. The successful bidders's advance payment will be kept on deposit by the State and applied against any billings for timber.

BID GUARANTEE

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

PURCHASER AND LOGGER QUALIFICATIONS AND OPERATIONS REQUIREMENTS

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

SECURITY REQUIRED

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

PERMIT TERMS

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

UNSOLD TRACTS

- On the next regular business day (8:00 AM - 4:30 PM, Monday - Friday, except holidays) after the date of the auction sale, unsold tracts may be available for over-the-counter purchase at the appraised price for a period of no more than one year. Unless canceled for reoffer at an earlier date, unsold tracts will be available until June 11, 2020, at the following Area Headquarters: Deer River Area, Aitkin Area, Hibbing Area, Tower Area, Cloquet Area, Two Harbors Area, Littlefork 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: AITKIN

AREA: AITKIN AREA

ACRES: 20.0

Permit Number: X016686
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NWSE,SWSE of Section 16 - Township 43, Range 24W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|----------|--------|------|-------------------|------------|----------------|----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + TAMARACK | PULPWOOD | 120.00 | Cd | 4.20 | 504.00 | 4.20 | 504.00 |
| + BLACK SPRUCE | PULPWOOD | 46.00 | Cd | 11.90 | 547.40 | 11.90 | 547.40 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | \$1,051.40 | BID TOTAL = \$ | 1,051.40 |
| | | | | ADVANCE PAYMENT = | \$157.71 | | |

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

| | | | | |
|--------------------|---------|------------|------|-------|
| ANY LISTED SPECIES | BIOMASS | 59.00 Tons | 1.00 | 59.00 |
|--------------------|---------|------------|------|-------|

Cutting and Felling:

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

Season of Operations:

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

Sale Conditions:

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

Marketing Conditions:

Located 1 mile south of State Highway 18 with access through private land on frozen ground only.

Price Adjustments:

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

Appraiser:

Jacob Jeffrey Wermerskirchen

TRACT X2

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 30.0

Permit Number: X016687
Expiration Date: 05/31/2022

Purchased By: Rice River Logging LLC
Address: 21293 Dam Lake Street, McGregor, MN 55760

NESE,NWSW,SESE,SWSE,SWSW of Section 20; NESE,SESE of Section 19 - Township 44, Range 22W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 21 | |
|---|--------------|--------|------|-------------------|----------|------------|-------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + RED OAK | PULP & BOLTS | 217.00 | Cd | 19.00 | 4,123.00 | 22.99 | 4,988.83 |
| + MAPLE SPECIES | PULPWOOD | 128.00 | Cd | 12.00 | 1,536.00 | 14.52 | 1,858.56 |
| + NORTHERN HARDWOODS | PULPWOOD | 117.00 | Cd | 7.60 | 889.20 | 9.20 | 1,076.40 |
| NORWAY PINE | PULPWOOD | 25.00 | Cd | 9.00 | 225.00 | 9.00 | 225.00 |
| ASPEN SPECIES | PULPWOOD | 5.00 | Cd | 20.00 | 100.00 | 20.00 | 100.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$6,873.20 | BID TOTAL = \$ 8,248.79 |
| | | | | ADVANCE PAYMENT = | | \$1,030.98 | |

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

ANY LISTED SPECIES BIOMASS 333.00 Tons 1.00 333.00

Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 20%; Trembling Aspen 80%.
Maple Species Pulpwood includes: Red Maple 10%; Sugar Maple 90%.
Northern Hardwoods Pulpwood includes: Basswood 70%; Green Ash 15%; Paper Birch 15%.

Mixed Product Description:

Red Oak Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

Cutting and Felling:

- Trees must be limbed where felled and skidded or forwarded to landing to avoid damage to advanced regeneration and residuals.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Summer access if abnormally dry conditions permit off of Giese Forest Road.

Price Adjustments:

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

Appraiser:

Jacob Jeffrey Wermerskirchen

TRACT X3

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 54.0

Permit Number: X016688
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NENE,NWNE,SENE,SWNE of Section 16 - Township 45, Range 22W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|--------------|--------|------|-------------------|-----------|-------------|--------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + BLACK SPRUCE | PULP & BOLTS | 805.00 | Cd | 18.10 | 14,570.50 | 18.10 | 14,570.50 |
| + TAMARACK | PULP & BOLTS | 175.00 | Cd | 7.50 | 1,312.50 | 7.50 | 1,312.50 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$15,883.00 | BID TOTAL = \$ 15,883.00 |
| | | | | ADVANCE PAYMENT = | | \$2,382.45 | |

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

| | | | | |
|--------------------|---------|-------------|------|--------|
| ANY LISTED SPECIES | BIOMASS | 495.00 Tons | 1.00 | 495.00 |
|--------------------|---------|-------------|------|--------|

Mixed Product Description:

Black Spruce Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Tamarack Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.

Cutting and Felling:

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

Season of Operations:

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

Sale Conditions:

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

Marketing Conditions:

Sale is east off the split rock lake road near the snowmobile trail.

Price Adjustments:

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

Appraiser:

Benjamin Raymond Froelich

TRACT X4

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 27.8

Permit Number: X016689
Expiration Date: 05/31/2022

Purchased By: Timberline Trucking Inc.
Address: 11085 - 330th Street, Onamia, MN 56359

SESW,SWSE,SWSW of Section 4 - Township 45, Range 26W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 106 | |
|---|--------------|--------|------|-------------------|----------|------------|--------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASPEN SPECIES | PULPWOOD | 247.00 | Cd | 19.00 | 4,693.00 | 39.14 | 9,667.58 |
| + NORWAY PINE | PULP & BOLTS | 192.00 | Cd | 11.11 | 2,133.12 | 22.89 | 4,394.88 |
| ASH | PULP & BOLTS | 18.00 | Cd | 8.17 | 147.06 | 8.17 | 147.06 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$6,973.18 | BID TOTAL = \$ 14,209.52 |
| | | | | ADVANCE PAYMENT = | | \$1,045.98 | |

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

| | | | | |
|--------------------|---------|-------------|------|--------|
| ANY LISTED SPECIES | BIOMASS | 224.00 Tons | 1.00 | 224.00 |
|--------------------|---------|-------------|------|--------|

Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 10%; Trembling Aspen 90%.

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

Norway Pine Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

Season of Operations:

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

Landings Roads and Trails:

- Power-line row cannot be used as landing.

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Sale is 6 miles east of US 169 and 1 mile south of county highway 12 in Wealthwood township.

This is a second time thinning with good quality trees, access rows are already established and operator will need the ability to reach between rows.

Price Adjustments:

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

Appraiser:

Edwin Fredrick Koeppe

TRACT X5

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 29.9

Permit Number: X016690
Expiration Date: 05/31/2022

Purchased By: Nistler Kowitz Logging Inc.
Address: 41840 255th Ave, McGregor, MN 55760

NESW,NWNE,NWSE,SESW,SWNE of Section 36 - Township 47, Range 25W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 62 | |
|---|-------------------------|--------|------|-------------------|----------|-------------|--------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASPEN SPECIES | PULPWOOD | 360.00 | Cd | 20.00 | 7,200.00 | 32.40 | 11,664.00 |
| + RED OAK | WOODSRUN MIXED PRODUCTS | 190.00 | Cd | 33.58 | 6,380.20 | 54.40 | 10,336.00 |
| BASSWOOD | PULP & BOLTS | 55.00 | Cd | 8.05 | 442.75 | 8.05 | 442.75 |
| PAPER BIRCH | PULPWOOD | 30.00 | Cd | 11.00 | 330.00 | 11.00 | 330.00 |
| MAPLE SPECIES | PULPWOOD | 25.00 | Cd | 12.00 | 300.00 | 12.00 | 300.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$14,652.95 | BID TOTAL = \$ 23,072.75 |
| | | | | ADVANCE PAYMENT = | | \$2,197.94 | |

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

ANY LISTED SPECIES BIOMASS 395.00 Tons 1.00 395.00

Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 36%; Trembling Aspen 64%.
Maple Species Pulpwood includes: Red Maple 28%; Sugar Maple 72%.

Mixed Product Description:

Basswood Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.
Red Oak Woodsrunk Mixed Products includes: Bolts 40%; Pulpwood 45%; Sawlog-Grade 2 (Hardwood) 15%.

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:

From Aitkin head east on Hwy 47 for 8.3 miles then take hwy 4 3.2 miles to 335th Lane, stay on 335th for 1.3 miles which will turn into 288th place. Once on 288th sale is located another 700 feet to the north.

Nice Aspen and Red Oak throughout sale.

Good summer chance for the majority of sale.

Price Adjustments:

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

Appraiser:

Gene Geordan Grell

TRACT X6

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 26.0

Permit Number: X016691
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NENW, SENW, SWNE of Section 29 - Township 50, Range 22W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|----------|--------|------|-------------------|-------------|----------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASPEN SPECIES | PULPWOOD | 655.00 | Cd | 19.00 | 12,445.00 | 19.00 | 12,445.00 |
| ASH | PULPWOOD | 65.00 | Cd | 6.65 | 432.25 | 6.65 | 432.25 |
| NORTHERN HARDWOODS | PULPWOOD | 15.00 | Cd | 11.07 | 166.05 | 11.07 | 166.05 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | \$13,043.30 | BID TOTAL = \$ | 13,043.30 |
| | | | | ADVANCE PAYMENT = | \$1,956.50 | | |

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

ANY LISTED SPECIES BIOMASS 354.00 Tons 1.00 354.00

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 4%; Largetooth Aspen 1%; Trembling Aspen 95%.
Northern Hardwoods Pulpwood includes: Paper Birch 35%; Red Maple 50%; Sugar Maple 15%.

Season of Operations:

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

Landings Roads and Trails:

- If stream crossing is used, either snow and ice or some type of bridge may be used. Crossing may not alter streambank, or waterway. Any bridge material used to cross stream must be removed when finished.

Sale Conditions:

- Access is across state and/or private land.

Marketing Conditions:

Reserve area on eastern portion of the sale is a buffer between harvest area and wetland area that follows line of merchantable/non-merchantable timber. Sale was cruised in winter with deep snow, but possible stream crossing appeared to be 8-10 feet wide at most. Private land access is off of "Sinners Gate Road".

Price Adjustments:

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

Appraiser:

Derek Duane Wagner

TRACT X7

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 45.3

Permit Number: X016692
Expiration Date: 05/31/2022

Purchased By: Nistler Kowitz Logging Inc.
Address: 41840 255th Ave, McGregor, MN 55760

NWNE,SENE,SWNE of Section 31 - Township 50, Range 22W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 62 | |
|---|--------------|--------|------|-------------------|-------------|----------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASPEN SPECIES | PULPWOOD | 960.00 | Cd | 20.00 | 19,200.00 | 32.40 | 31,104.00 |
| + MAPLE SPECIES | PULPWOOD | 175.00 | Cd | 12.00 | 2,100.00 | 19.44 | 3,402.00 |
| + PAPER BIRCH | PULP & BOLTS | 120.00 | Cd | 11.90 | 1,428.00 | 19.28 | 2,313.60 |
| BASSWOOD | PULP & BOLTS | 70.00 | Cd | 7.70 | 539.00 | 7.70 | 539.00 |
| OAK SPECIES | PULP & BOLTS | 50.00 | Cd | 18.00 | 900.00 | 18.00 | 900.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | \$24,167.00 | BID TOTAL = \$ | 38,258.60 |
| | | | | ADVANCE PAYMENT = | \$3,625.05 | | |

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

ANY LISTED SPECIES BIOMASS 698.00 Tons 1.00 698.00

Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 40%; Trembling Aspen 60%.
Maple Species Pulpwood includes: Red Maple 30%; Sugar Maple 70%.
Oak Species Pulp & Bolts includes: Bur Oak 5%; Red Oak 95%.

Mixed Product Description:

Basswood Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Oak Species Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Paper Birch Pulp & Bolts 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 private land.

Marketing Conditions:

Sale has areas that will require either extremely dry or frozen conditions to operate. Other areas of the sale will most likely need to be operated on during snow free conditions due to slope steepness. If timber can not be cut due to slope steepness, standing timber will not be charged.

Price Adjustments:

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

Appraiser:

Derek Duane Wagner

TRACT X8

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 4.0

Permit Number: X016693
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NENE of Section 20 - Township 50, Range 22W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|--------------|--------|------|-------------------|----------|------------|-----------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASH | PULP & BOLTS | 112.00 | Cd | 6.97 | 780.64 | 6.97 | 780.64 |
| YELLOW BIRCH | PULPWOOD | 13.00 | Cd | 9.35 | 121.55 | 9.35 | 121.55 |
| PAPER BIRCH | PULPWOOD | 8.00 | Cd | 9.35 | 74.80 | 9.35 | 74.80 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$976.99 | BID TOTAL = \$ 976.99 |
| | | | | ADVANCE PAYMENT = | | \$146.55 | |

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

ANY LISTED SPECIES BIOMASS 96.00 Tons 1.00 96.00

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.

Season of Operations:

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

Sale Conditions:

- Access is across state land.
- The shortest distance to access the sale is partially through Savanna Portage State Park.

Marketing Conditions:

Ash in permit is good sized and appears to be fair-good quality. If snowmobile trail is used to access sale, it will need to be to accommodate truck traffic. Park staff will need to be informed of vehicle and truck traffic.

Price Adjustments:

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

Appraiser:

Derek Duane Wagner

TRACT X9

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 3.0

Permit Number: X016694
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

GL04,NWSE of Section 29 - Township 50, Range 23W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|----------|--------|------|-------------------|----------|----------------|----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASH | PULPWOOD | 60.00 | Cd | 7.00 | 420.00 | 7.00 | 420.00 |
| + NORTHERN HARDWOODS | PULPWOOD | 17.00 | Cd | 10.20 | 173.40 | 10.20 | 173.40 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | \$593.40 | BID TOTAL = \$ | 593.40 |
| | | | | ADVANCE PAYMENT = | \$89.01 | | |

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

ANY LISTED SPECIES BIOMASS 55.00 Tons 1.00 55.00

Mixed Species Description:

Northern Hardwoods Pulpwood includes: Basswood 60%; Red Maple 25%; Trembling Aspen 15%.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Sale is located in somewhat of a "drier" ash swamp than others. Some gap cut edges come onto upland areas. Up to a 16ft. wide path may be cut between circles.

Price Adjustments:

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

Appraiser:

Derek Duane Wagner

TRACT X10

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 17.0

Permit Number: X016695
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NESW,SESW of Section 2 - Township 50, Range 26W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|-----------------|----------------------------|--------|------|-------------------|------------|----------------|----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASPEN SPECIES | PULPWOOD | 330.00 | Cd | 19.95 | 6,583.50 | 19.95 | 6,583.50 |
| + BID SPECIES | * SOLD ON APPRAISED VOLUME | | | APPRAISED TOTAL = | \$6,583.50 | BID TOTAL = \$ | 6,583.50 |
| | | | | ADVANCE PAYMENT = | \$987.53 | | |

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

| | | | | | |
|--------------------|---------|--------|------|------|--------|
| ANY LISTED SPECIES | BIOMASS | 195.00 | Tons | 1.00 | 195.00 |
|--------------------|---------|--------|------|------|--------|

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 1%; Trembling Aspen 99%.

Season of Operations:

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

Sale Conditions:

- Access is across state land.
- An on-site meeting with the State must occur prior to sale operations.

Marketing Conditions:

Sale is located one mile north of Co Rd 18 and four miles south of Co Rd 7.

There is an access through an aspen stand just to the north of the sale from Hwy 169.

Price Adjustments:

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

Appraiser:

Josiah Michael Emerson

TRACT X11

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 5.7

Permit Number: X016696
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NESW,NWSW,SENW of Section 20 - Township 51, Range 22W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|----------|--------|------|-------------------|------------|----------------|----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + TREMBLING ASPEN | PULPWOOD | 70.00 | Cd | 22.80 | 1,596.00 | 22.80 | 1,596.00 |
| + NORTHERN HARDWOODS | PULPWOOD | 40.00 | Cd | 10.07 | 402.80 | 10.07 | 402.80 |
| + BLACK SPRUCE | PULPWOOD | 15.00 | Cd | 18.05 | 270.75 | 18.05 | 270.75 |
| + TAMARACK | PULPWOOD | 10.00 | Cd | 5.70 | 57.00 | 5.70 | 57.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | \$2,326.55 | BID TOTAL = \$ | 2,326.55 |
| | | | | ADVANCE PAYMENT = | \$348.98 | | |

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

ANY LISTED SPECIES BIOMASS 64.00 Tons 0.95 60.80

Mixed Species Description:

Northern Hardwoods Pulpwood includes: Ash 25%; Basswood 13%; Red Maple 50%; Sugar Maple 12%.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

From Jacobson take state hwy 65 south 4 miles, then east on Loon ave. 6.25 miles to hedbom forest rd. Stay on hedbom for another 4.5 miles, then south down access trail a little over 2 miles to sale.

Sale has pockets of blowdown scattered throughout.
The gap harvest areas are situated around mostly standing timber.

Price Adjustments:

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

Appraiser:

Gene Geordan Grell

TRACT X12

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 12.5

Permit Number: X016697
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

SESW,SWSE of Section 30; SESW,SWSE of Section 31 - Township 51, Range 24W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|--------------|--------|------|-------------------|------------|----------------|----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASH | PULP & BOLTS | 275.00 | Cd | 11.80 | 3,245.00 | 11.80 | 3,245.00 |
| + SILVER MAPLE | PULP & BOLTS | 30.00 | Cd | 16.00 | 480.00 | 16.00 | 480.00 |
| BUR OAK | PULP & BOLTS | 10.00 | Cd | 22.00 | 220.00 | 22.00 | 220.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | \$3,945.00 | BID TOTAL = \$ | 3,945.00 |
| | | | | ADVANCE PAYMENT = | \$591.75 | | |

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

ANY LISTED SPECIES BIOMASS 185.00 Tons 1.00 185.00

Mixed Product Description:

- Ash Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.
- Bur Oak Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.
- Silver Maple Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

Season of Operations:

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

Sale Conditions:

- Access is across private land.
- Permission to cross private land must be obtained by permittee.
- An on-site meeting with the State must occur prior to sale operations.

Marketing Conditions:

Sale is located approximately 5 miles southwest of Pokegama Creek Forest Road. 3 miles west of the River Road.

River separates south two stands and there are two separate accesses, both of which would cross private land.

Price Adjustments:

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

Appraiser:

Josiah Michael Emerson

TRACT X13

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 37.7

Permit Number: X016698
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NESW,NWSW,SENW,SESW,SWNW,SWSE,SWSW of Section 11 - Township 51, Range 25W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|----------|--------|------|-------------------|----------|------------|-------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + TAMARACK | PULPWOOD | 545.00 | Cd | 6.00 | 3,270.00 | 6.00 | 3,270.00 |
| + BLACK SPRUCE | PULPWOOD | 30.00 | Cd | 17.00 | 510.00 | 17.00 | 510.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$3,780.00 | BID TOTAL = \$ 3,780.00 |
| | | | | ADVANCE PAYMENT = | | \$567.00 | |

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

| | | | | |
|--------------------|---------|-------------|------|--------|
| ANY LISTED SPECIES | BIOMASS | 153.00 Tons | 1.00 | 153.00 |
|--------------------|---------|-------------|------|--------|

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

From Hill City go south on state hwy 169 3 miles, then head east on 640th Ln/moose willow rd for another 5 miles. At the T in the rd go east for 1.75 miles then south 1.5 to 2 miles. Sale is on the east side of trail.

Price Adjustments:

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

Appraiser:

Gene Geordan Grell

(Appraisal ID 14445-0; Cutting Block ID 16882-0)

TRACT X14

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 30.1

Permit Number: X016699
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

SESW of Section 34 - Township 52, Range 26W.
GL02, GL03, NESE, NWSE, SENE, SWNE of Section 3 - Township 51, Range 26W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|--|----------|--------|------|-------------------|----------|------------|-------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + BLACK SPRUCE | PULPWOOD | 335.00 | Cd | 17.00 | 5,695.00 | 17.00 | 5,695.00 |
| + TAMARACK | PULPWOOD | 95.00 | Cd | 6.00 | 570.00 | 6.00 | 570.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$6,265.00 | BID TOTAL = \$ 6,265.00 |
| | | | | ADVANCE PAYMENT = | | \$939.75 | |

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

| | | | | | | | |
|--------------------|---------------------------|--------|------|-------|----------|--|--|
| TAMARACK | MISCELLANEOUS CORDWOOD | 80.00 | Cd | 6.00 | 480.00 | | |
| BLACK SPRUCE | MISCELLANEOUS CORDWOOD | 70.00 | Cd | 17.00 | 1,190.00 | | |
| ANY LISTED SPECIES | BIOMASS | 273.00 | Tons | 1.00 | 273.00 | | |

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

From Hill City head south on state hwy 169 4 miles to the northwoods atv trail, then go northwest on trail for 3/4 of a mile to sale.

For optional timber, head west from Hill City on hwy 200 1 mile, then go south on 368th PI for 2.25 miles. Keep south on trail off the end of 368th PI for another 1.2 miles to sale.

Optional timber will be sold at same bid up price if purchased.

Price Adjustments:

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

Appraiser:

Gene Geordan Grell

TRACT X15

COUNTY: ST. LOUIS

AREA: TWO HARBORS AREA

ACRES: 40.9

Permit Number: X016700
Expiration Date: 05/31/2022

Purchased By: Futurewood Corp
Address: 9676 N Kruger Rd, Hayward, WI 54843

NESE,NWSE,SENE of Section 36 - Township 52, Range 12W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 35 | |
|--|----------|--------|------|-------------------|----------|------------|--------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASPEN SPECIES | PULPWOOD | 257.00 | Cd | 19.40 | 4,985.80 | 26.19 | 6,730.83 |
| + ASH | PULPWOOD | 222.00 | Cd | 7.00 | 1,554.00 | 9.45 | 2,097.90 |
| + BALSAM FIR | PULPWOOD | 100.00 | Cd | 14.00 | 1,400.00 | 18.90 | 1,890.00 |
| + PAPER BIRCH | PULPWOOD | 68.00 | Cd | 11.00 | 748.00 | 14.85 | 1,009.80 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$8,687.80 | BID TOTAL = \$ 11,728.53 |
| | | | | ADVANCE PAYMENT = | | \$1,303.17 | |

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

| | | | | | | | |
|--------------------|----------|--------|------|-------|----------|--|--|
| WHITE SPRUCE | PULPWOOD | 100.00 | Cd | 17.00 | 1,700.00 | | |
| ANY LISTED SPECIES | BIOMASS | 200.85 | Tons | 1.00 | 200.85 | | |

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 20%; Trembling Aspen 80%.

Cutting and Felling:

- Harvest aspen, balsam, birch, and ash.

Season of Operations:

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

Sale Conditions:

- Access is across county land.
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.

Marketing Conditions:

This permit is located along State Hwy 61 near the the town of Knife River. Much of this sale will be visible from the highway and visual sensitivity is very high.

Price Adjustments:

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

Appraiser:

Michael J. Young

TRACT X16

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 7.9

Permit Number: X016701
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NENW,NWNW of Section 16 - Township 52, Range 22W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|-----------------|--------------|--------|------|------------|----------|------------|----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASPEN SPECIES | PULPWOOD | 75.00 | Cd | 19.70 | 1,477.50 | 19.70 | 1,477.50 |
| + BASSWOOD | PULP & BOLTS | 55.00 | Cd | 8.40 | 462.00 | 8.40 | 462.00 |
| + MAPLE SPECIES | PULPWOOD | 10.00 | Cd | 12.00 | 120.00 | 12.00 | 120.00 |
| ASH | PULPWOOD | 5.00 | Cd | 7.00 | 35.00 | 7.00 | 35.00 |
| + PAPER BIRCH | PULPWOOD | 5.00 | Cd | 11.00 | 55.00 | 11.00 | 55.00 |
| TAMARACK | PULPWOOD | 5.00 | Cd | 6.00 | 30.00 | 6.00 | 30.00 |

+ BID SPECIES * SOLD ON APPRAISED VOLUME

| | | | |
|-------------------|------------|----------------|----------|
| APPRAISED TOTAL = | \$2,179.50 | BID TOTAL = \$ | 2,179.50 |
| ADVANCE PAYMENT = | \$326.93 | | |

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

| | | | | |
|--------------------|---------|------------|------|-------|
| ANY LISTED SPECIES | BIOMASS | 72.00 Tons | 1.00 | 72.00 |
|--------------------|---------|------------|------|-------|

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 10%; Trembling Aspen 90%.
Maple Species Pulpwood includes: Red Maple 75%; Sugar Maple 25%.

Mixed Product Description:

Basswood Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

From Jacobson go east on State Hwy 200 6 miles. Sale is located on the north side of the road.

Dry summer chance

Price Adjustments:

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

Appraiser:

Gene Geordan Grell

TRACT X17

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 2.5

Permit Number: X016702
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NWSW,SWNW of Section 11 - Township 52, Range 22W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|----------|--------|------|-------------------|----------|------------|-----------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASH | PULPWOOD | 55.00 | Cd | 6.65 | 365.75 | 6.65 | 365.75 |
| + ASPEN SPECIES | PULPWOOD | 3.00 | Cd | 16.29 | 48.87 | 16.29 | 48.87 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$414.62 | BID TOTAL = \$ 414.62 |
| | | | | ADVANCE PAYMENT = | | \$62.19 | |

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

| | | | | |
|--------------------|---------|------------|------|-------|
| ANY LISTED SPECIES | BIOMASS | 30.90 Tons | 1.00 | 30.90 |
|--------------------|---------|------------|------|-------|

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 95%; Trembling Aspen 5%.

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:

From Jacobson go east on state hwy 200 6 miles. Sale is north of hwy 200 about a 1/4 mile down access trail on the west side.

Ash stand has some top die back throughout stand.

Price Adjustments:

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

Appraiser:

Gene Geordan Grell

TRACT X18

COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 36.0

Permit Number: X016703
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NESW,NWNE,SESW,SWNE of Section 36 - Township 52, Range 25W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|----------|--------|------|-------------------|------------|----------------|----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + TAMARACK | PULPWOOD | 500.00 | Cd | 5.70 | 2,850.00 | 5.70 | 2,850.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | \$2,850.00 | BID TOTAL = \$ | 2,850.00 |
| | | | | ADVANCE PAYMENT = | \$427.50 | | |

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 land.

Marketing Conditions:

From Hill City take state hwy 200 east 6.5 miles, then south 4.5 miles on the Washburn Lk Forest Rd. Then west 1/4 mile to the end of the access rd. Sale is located approximately 700 feet from end of existing rd.

Few scattered pockets of blowdown throughout sale.

Price Adjustments:

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

Appraiser:

Gene Geordan Grell

TRACT X19

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 166.2

Permit Number: X016704
Expiration Date: 05/31/2022

Purchased By: Goutermont Logging
Address: 65 Adams Blvd, Silver Bay, MN 55614

NENE,NESW,NWNE,SESW of Section 26; NWSW,SESW,SWSW of Section 22; NENW,SESW of Section 27 - Township 55, Range 9W.
NENW,SESW of Section 23; NESW,SESW of Section 26 - Township 55, Range 9W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 32 | |
|-----------------|--------------|--------|------|------------|----------|------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + MIXED SPRUCE | PULP & BOLTS | 790.00 | Cd | 8.37 | 6,612.30 | 11.05 | 8,729.50 |
| + ASPEN SPECIES | PULPWOOD | 745.00 | Cd | 10.98 | 8,180.10 | 14.49 | 10,795.05 |
| + BALSAM FIR | PULPWOOD | 315.00 | Cd | 7.70 | 2,425.50 | 10.16 | 3,200.40 |
| ASH | PULPWOOD | 205.00 | Cd | 3.85 | 789.25 | 3.85 | 789.25 |
| MAPLE SPECIES | PULPWOOD | 35.00 | Cd | 6.60 | 231.00 | 6.60 | 231.00 |
| PAPER BIRCH | PULPWOOD | 35.00 | Cd | 6.05 | 211.75 | 6.05 | 211.75 |

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$18,449.90
ADVANCE PAYMENT = \$2,767.49
BID TOTAL = \$ 23,956.95

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

ANY LISTED SPECIES BIOMASS 1,035.00 Tons 1.00 1,035.00

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 1%; Trembling Aspen 99%.
Maple Species Pulpwood includes: Red Maple 75%; Sugar Maple 25%.
Mixed Spruce Pulp & Bolts includes: Black Spruce 5%; White Spruce 95%.

Mixed Product Description:

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

Cutting and Felling:

- Harvest aspen, spruce, balsam fir, and ash. See additional specs on cutting block map (Cutting Block 1).
- Harvest spruce, aspen, ash, balsam fir, maple, and paper birch. See additional specs listed on cutting block map (Cutting Block 2).

Season of Operations:

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

Sale Conditions:

- Access is across county or private/ county land (Cutting Blocks 1 and 2).
- Permission to cross private land must be obtained by permittee (Cutting Blocks 1 and 2).
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale (Cutting Blocks 1 and 2).

Marketing Conditions:

Sale access is located approximately 2.3 miles West of the Silver Bay airport, on Hwy 3. There is very little existing haul roads to use as access.

Spruce budworm is active in this sale area.

Approximate volumes per acre within these harvested strip cuts and gap cuts range from 16-18 cords per acre.

There may be interest from adjacent landowners to allow access, contact TSA for contact information.

Cut to length is recommended to avoid damage to residuals when working in strip/gap cuts.

Small portions of sale may have a dry summer chance if private access was secured.

Price Adjustments:

Road Construction Costs: -15%

Haul Distance to Nearest Mill: 0%

Stand Density: -10%

Operational Constraints: -10%

Other Price Factor: -10% (insect issues)

Appraiser:

Brian Patrick Schiller

(Appraisal ID 14916-0; Cutting Block ID 17310-0, 17364-0)

TRACT X20

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 163.8

Permit Number: X016705
Expiration Date: 05/31/2022

Purchased By: Goutermont Logging
Address: 65 Adams Blvd, Silver Bay, MN 55614

NENE,NENW,NESE,NWNE,NWNW,SENE,SENW,SESE,SWNE,SWNW,SWSE of Section 36 - Township 55, Range 9W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 11 | |
|-----------------|--------------|--------|------|------------|-----------|------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + WHITE SPRUCE | PULP & BOLTS | 625.00 | Cd | 17.14 | 10,712.50 | 19.03 | 11,893.75 |
| + ASPEN SPECIES | PULPWOOD | 420.00 | Cd | 13.96 | 5,863.20 | 15.50 | 6,510.00 |
| + PAPER BIRCH | PULPWOOD | 165.00 | Cd | 7.70 | 1,270.50 | 8.55 | 1,410.75 |
| + BALSAM FIR | PULPWOOD | 140.00 | Cd | 9.80 | 1,372.00 | 10.88 | 1,523.20 |
| ASH | PULPWOOD | 90.00 | Cd | 4.90 | 441.00 | 4.90 | 441.00 |

+ BID SPECIES * SOLD ON APPRAISED VOLUME

| | | | |
|-------------------|-------------|----------------|-----------|
| APPRAISED TOTAL = | \$19,659.20 | BID TOTAL = \$ | 21,778.70 |
| ADVANCE PAYMENT = | \$2,948.88 | | |

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

| | | | | | |
|--------------------|---------|--------|------|------|--------|
| ANY LISTED SPECIES | BIOMASS | 850.00 | Tons | 1.00 | 850.00 |
|--------------------|---------|--------|------|------|--------|

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 2%; Trembling Aspen 98%.

Mixed Product Description:

White Spruce Pulp & Bolts includes: Bolts 68%; Pulpwood 32%.

Cutting and Felling:

- Harvest white spruce, balsam fir, aspen species, paper birch and black ash.

Season of Operations:

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

Sale Conditions:

- Access is across private, county and state land.
- Permission to cross private and county 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:

Early stages of spruce budworm is prevalent among balsam fir and white spruce.

Price Adjustments:

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

Appraiser:

Simon Cain

TRACT X21

COUNTY: ST. LOUIS

AREA: CLOQUET AREA

ACRES: 52.3

Permit Number: X016706
Expiration Date: 05/31/2022

Purchased By: Rieger Logging Inc.
Address: 61559 Co Road 26, Northome, MN 56661

NENW,NWNW,SENW,SWNW of Section 22 - Township 55, Range 14W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 2 | |
|--|-------------------------|----------|------|-------------------|------------|--------------|---------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + NORWAY PINE | WOODSRUN MIXED PRODUCTS | 1,435.00 | Cd | 71.36 | 102,401.60 | 72.79 | 104,453.65 |
| BALSAM FIR | PULPWOOD | 25.00 | Cd | 17.25 | 431.25 | 17.25 | 431.25 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$102,832.85 | BID TOTAL = \$ 104,884.90 |
| | | | | ADVANCE PAYMENT = | | \$15,424.93 | |

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

* ANY LISTED SPECIES BIOMASS 610.00 Tons 1.00 610.00

Mixed Product Description:

Norway Pine Woodsrunk Mixed Products includes: Bolts 35%; Sawtimber (Softwood Only) 65%.

Season of Operations:

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

Slash Disposal:

- Distribute slash away from Pine regeneration areas.

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Frost Free soil only
Appraiser James G. Kelley Phone Number 218-723-4791 ext 223

Price Adjustments:

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

Appraiser:

James G. Kelley

TRACT X22

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 58.0

Permit Number: X016707
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NESE,NWSE,SENE,SWNE of Section 32; SESW of Section 28; NENW of Section 33 - Township 57, Range 8W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|-----------------|--------------|--------|------|------------|----------|------------|----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + MAPLE SPECIES | PULP & BOLTS | 400.00 | Cd | 10.92 | 4,368.00 | 10.92 | 4,368.00 |
| ASH | PULPWOOD | 20.00 | Cd | 4.90 | 98.00 | 4.90 | 98.00 |
| ASPEN SPECIES | PULPWOOD | 10.00 | Cd | 13.10 | 131.00 | 13.10 | 131.00 |
| PAPER BIRCH | PULPWOOD | 10.00 | Cd | 7.70 | 77.00 | 7.70 | 77.00 |
| BALSAM FIR | PULPWOOD | 8.00 | Cd | 9.80 | 78.40 | 9.80 | 78.40 |

+ BID SPECIES * SOLD ON APPRAISED VOLUME

| | | | |
|-------------------|------------|----------------|----------|
| APPRAISED TOTAL = | \$4,752.40 | BID TOTAL = \$ | 4,752.40 |
| ADVANCE PAYMENT = | \$712.86 | | |

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

| | | | | |
|--------------------|---------|-------------|------|--------|
| ANY LISTED SPECIES | BIOMASS | 288.00 Tons | 1.00 | 288.00 |
|--------------------|---------|-------------|------|--------|

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 43%; Trembling Aspen 57%.
Maple Species Pulp & Bolts includes: Red Maple 13%; Sugar Maple 87%.

Mixed Product Description:

Maple Species Pulp & Bolts includes: Bolts 45%; Pulpwood 55%.

Cutting and Felling:

- Harvest in Thinning Unit maple species, aspen species, paper birch, balsam fir, and black ash under 16" DBH that is not reserved with an orange band. In SMZ Unit thin trees under 16" DBH of maple species, ash, aspen species, paper birch, and balsam fir down to 90 BA where operable; within Row Thin Unit row thin 16' strips every 48' from center while reducing the BA to 70 between rows, focusing on harvesting pulpwood.

Season of Operations:

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

Sale Conditions:

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

Marketing Conditions:

Sale can be accessed from either the Beaver River SFR or the Bird Shot Rd. Sale is off of the Moose Walk OHV trail.

Price Adjustments:

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

Appraiser:

Simon Cain

TRACT X23

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 116.2

Permit Number: X016708
Expiration Date: 05/31/2022

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

GL01,NENE,NENW,NESE,NWNE,SENE,SWNE of Section 19; GL04,SESW of Section 18;
NESW,NWSW,SENW,SWNE,SWNW of Section 20 - Township 57, Range 8W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 37 | |
|----------------------|----------|--------|------|------------|-----------|------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + MIXED SPRUCE | PULPWOOD | 940.00 | Cd | 13.56 | 12,746.40 | 18.58 | 17,465.20 |
| + NORTHERN HARDWOODS | PULPWOOD | 240.00 | Cd | 8.38 | 2,011.20 | 11.48 | 2,755.20 |
| + ASPEN SPECIES | PULPWOOD | 95.00 | Cd | 16.92 | 1,607.40 | 23.18 | 2,202.10 |
| + BALSAM FIR | PULPWOOD | 80.00 | Cd | 11.90 | 952.00 | 16.30 | 1,304.00 |
| TAMARACK | PULPWOOD | 60.00 | Cd | 5.10 | 306.00 | 5.10 | 306.00 |

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$17,623.00
ADVANCE PAYMENT = \$2,643.45
BID TOTAL = \$ 24,032.50

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

ANY LISTED SPECIES BIOMASS 500.00 Tons 1.00 500.00

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 3%; Trembling Aspen 97%.
Mixed Spruce Pulpwood includes: Black Spruce 75%; White Spruce 25%.
Northern Hardwoods Pulpwood includes: Ash 40%; Paper Birch 14%; Red Maple 18%; Sugar Maple 28%.

Cutting and Felling:

- Harvest in Block 1 black spruce, ash, balsam fir; also birch or maple less than 20" DBH. In Block 2, thin spruce to a spacing of 15-18 ft. In Block 3, harvest 10 gaps (marked centers) of approximate 1/3 acre, or 140 ft across. In Block 4, thin aspen to a spacing of 20-30 ft.
- In Block 1, reserve all white spruce, as well as aspen, birch or maples larger than 20" DBH. Reserve clumps of dense balsam fir as directed by TSA. In Block 2, use existing lanes from previous entry before creating additional thinning lanes. In Block 3, lanes between gaps should be under 16' wide. In Block 4, reserve all pine and spruce.

Season of Operations:

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

Sale Conditions:

- Access crosses Public Waters. A Permit is not required if using a snow / ice bridge.
- Access is across state land.

Marketing Conditions:

Base prices reduced 15% for access constraints to black spruce and poor stocking in some blocks. White spruce prices discounted 25% for thinning.

Approximately 40% of the timber volume is potential summer chance.

Price Adjustments:

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

Appraiser:

Karen L. Updegraff

(Appraisal ID 14565-0; Cutting Block ID 16954-0)

TRACT X24

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 131.8

Permit Number: X016709
Expiration Date: 05/31/2022

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

NWSE,NWSW,SESW,SWSE,SWSW of Section 17; NENW,NWNE of Section 20 - Township 58, Range 6W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 36 | |
|----------------------|--------------|--------|------|-------------------|-------------|----------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + BALSAM FIR | PULPWOOD | 830.00 | Cd | 10.50 | 8,715.00 | 14.28 | 11,852.40 |
| + ASPEN SPECIES | PULPWOOD | 575.00 | Cd | 14.89 | 8,561.75 | 20.25 | 11,643.75 |
| + MIXED SPRUCE | PULP & BOLTS | 310.00 | Cd | 16.88 | 5,232.80 | 22.96 | 7,117.60 |
| + NORTHERN HARDWOODS | PULPWOOD | 255.00 | Cd | 8.61 | 2,195.55 | 11.71 | 2,986.05 |
| | | | | APPRAISED TOTAL = | \$24,705.10 | BID TOTAL = \$ | 33,599.80 |
| | | | | ADVANCE PAYMENT = | \$3,705.77 | | |

+ BID SPECIES * SOLD ON APPRAISED VOLUME

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

ANY LISTED SPECIES BIOMASS 885.00 Tons 1.00 885.00

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.
Mixed Spruce Pulp & Bolts includes: Black Spruce 10%; White Spruce 90%.
Northern Hardwoods Pulpwood includes: Paper Birch 52%; Red Maple 8%; Sugar Maple 40%.

Mixed Product Description:

Mixed Spruce Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

Cutting and Felling:

- Harvest balsam fir, aspen, spruce, paper birch, and maple.

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:

Balsam fir and spruce have been hit by spruce budworm and aspen is showing signs of decline. Brush pockets shown on map can have sale operations occur within and is encouraged.

Sale operations may use the snowmobile trail only during snow free conditions. If sale operations occur during snowmobile season signs will be posted 200' on each side of the trail.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: -5%
Operational Constraints: -5%
Other Price Factor: -15% (Insect and Disease concerns)

Appraiser:

Jason A. Bushmaker

TRACT X25

COUNTY: LAKE

AREA: TWO HARBORS AREA

ACRES: 181.1

Permit Number: X016710
 Expiration Date: 05/31/2022

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

NENE,NESW,NWNE,NWSE,SENE,SENW,SESW,SWNE of Section 29; GL06,NESE,NWSE of Section 30;
 NWSE of Section 33; NENW of Section 32 - Township 59, Range 8W.
 NESE of Section 30; NESW of Section 31; NWSW,SESW,SWSW of Section 29 - Township 59, Range 8W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 31 | |
|----------------|--------------|----------|------|------------|-----------|------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + MIXED SPRUCE | PULP & BOLTS | 1,098.00 | Cd | 15.14 | 16,623.72 | 19.83 | 21,773.34 |
| + BALSAM FIR | PULPWOOD | 954.00 | Cd | 9.10 | 8,681.40 | 11.92 | 11,371.68 |
| + PAPER BIRCH | PULPWOOD | 311.00 | Cd | 7.15 | 2,223.65 | 9.37 | 2,914.07 |
| TAMARACK | PULPWOOD | 177.00 | Cd | 3.90 | 690.30 | 3.90 | 690.30 |
| BALM OF GILEAD | PULPWOOD | 83.00 | Cd | 11.05 | 917.15 | 11.05 | 917.15 |
| NORWAY PINE | PULP & BOLTS | 9.00 | Cd | 17.61 | 158.49 | 17.61 | 158.49 |
| ASH | PULPWOOD | 5.00 | Cd | 4.55 | 22.75 | 4.55 | 22.75 |

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$29,317.46
 ADVANCE PAYMENT = \$4,397.62
 BID TOTAL = \$ 37,847.78

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

ANY LISTED SPECIES BIOMASS 950.00 Tons 1.00 950.00

Mixed Species Description:

Mixed Spruce Pulp & Bolts includes: Black Spruce 23%; White Spruce 77%.

Mixed Product Description:

Mixed Spruce Pulp & Bolts includes: Bolts 57%; Pulpwood 43%.
 Norway Pine Pulp & Bolts includes: Bolts 67%; Pulpwood 33%.

Cutting and Felling:

- Harvest In clearcut area spruce, balsam fir, paper birch, tamarack, and red pine. In spruce/pine thinning area thin stand to a residual BA of 80-90, spacing between residual trees will be approximately 16 feet (Cutting Block 2).
- Harvest paper birch, balsam fir, Balm of Gilead, and spruce (Cutting Block 1).

Season of Operations:

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

Sale Conditions:

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

Marketing Conditions:

25% discount for thinning. Portions of this sale have dry-summer chance/access.
 It is the logger's responsibility to obtain permission for use of the Snake Trl.

Price Adjustments:

Road Construction Costs: -10%
 Haul Distance to Nearest Mill: -5%

Stand Density: -10%
Operational Constraints: -10%
Other Price Factor: 0%

Appraiser:

Glenn N. Ristow

(Appraisal ID 14311-0; Cutting Block ID 16685-0, 16691-0)

TRACT X26

COUNTY: ST. LOUIS

AREA: HIBBING AREA

ACRES: 71.8

Permit Number: X016711
Expiration Date: 05/31/2022

Purchased By: Little Logging, Inc.
Address: Box 5025049 Industrial Ave, Littlefork, MN 56653

SESE of Section 34; SWSW of Section 35 - Township 61, Range 21W.
GL04, SENW, SWNW of Section 3; GL01 of Section 4 - Township 60, Range 21W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 67 | |
|--------------------|--------------|----------|------|------------|-----------|------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + TREMBLING ASPEN | PULP & BOLTS | 1,880.00 | Cd | 22.00 | 41,360.00 | 36.74 | 69,071.20 |
| + BALSAM FIR | PULPWOOD | 155.00 | Cd | 15.40 | 2,387.00 | 25.72 | 3,986.60 |
| + WHITE SPRUCE | PULP & BOLTS | 100.00 | Cd | 24.75 | 2,475.00 | 41.33 | 4,133.00 |
| NORTHERN HARDWOODS | PULPWOOD | 5.00 | Cd | 8.42 | 42.10 | 8.42 | 42.10 |

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$46,264.10 BID TOTAL = \$ 77,232.90
ADVANCE PAYMENT = \$6,939.62

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

ANY LISTED SPECIES BIOMASS 898.00 Tons 1.00 898.00

Mixed Species Description:

Northern Hardwoods Pulpwood includes: Ash 85%; Paper Birch 10%; Red Maple 5%.

Mixed Product Description:

Trembling Aspen Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
White Spruce Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

Season of Operations:

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

Sale Conditions:

- Access is across State, St. Louis County and Potlatch land.
- Permission to cross St. Louis County and Potlatch land must be obtained by permittee.

Marketing Conditions:

Sale is located 4 miles northeast of Side Lake and is accessible through 1.75 miles of existing winter roads.

Trembling Aspen contains less than 1% Balm of Gilead

Price Adjustments:

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

Appraiser:

Andrew E. Carlson

TRACT X27

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 31.0

Permit Number: X016712
Expiration Date: 05/31/2022

Purchased By: Rieger Logging Inc.
Address: 61559 Co Road 26, Northome, MN 56661

NWNW,SWNE of Section 27 - Township 62, Range 18W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 42 | |
|---|----------|--------|------|-------------------|-------------|----------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + BLACK SPRUCE | PULPWOOD | 690.00 | Cd | 17.00 | 11,730.00 | 24.14 | 16,656.60 |
| TAMARACK | PULPWOOD | 40.00 | Cd | 6.00 | 240.00 | 6.00 | 240.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | \$11,970.00 | BID TOTAL = \$ | 16,896.60 |
| | | | | ADVANCE PAYMENT = | \$1,795.50 | | |

Cutting and Felling:

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

Season of Operations:

- Frozen ground access only.

Sale Conditions:

- Access is across state or county land.

Marketing Conditions:

Roads were pushed in 10 years ago, best access is across state.

There is old blue paint lines on the sale.

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 X28

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 159.5

Permit Number: X016713
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NESE of Section 17; NWNW of Section 15; GL02,NENE,NENW,NESW,NWNW,NWSW,SEnw,SWNW,SWSW of Section 16 - Township 64, Range 18W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: | |
|---|---------------------------|----------|------|-------------------|-------------|----------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASPEN SPECIES | PULPWOOD | 1,430.00 | Cd | 17.00 | 24,310.00 | 17.00 | 24,310.00 |
| + MIXED SPRUCE | PULP & BOLTS | 410.00 | Cd | 17.90 | 7,339.00 | 17.90 | 7,339.00 |
| + JACK PINE | PULP & BOLTS | 290.00 | Cd | 15.70 | 4,553.00 | 15.70 | 4,553.00 |
| + NORTHERN HARDWOODS | PULPWOOD | 220.00 | Cd | 10.20 | 2,244.00 | 10.20 | 2,244.00 |
| PAPER BIRCH | PULPWOOD | 85.00 | Cd | 9.35 | 794.75 | 9.35 | 794.75 |
| + NORWAY PINE | SAWTIMBER (SOFTWOOD ONLY) | 55.00 | Cd | 43.35 | 2,384.25 | 43.35 | 2,384.25 |
| ASH | PULPWOOD | 28.00 | Cd | 5.95 | 166.60 | 5.95 | 166.60 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | \$41,791.60 | BID TOTAL = \$ | 41,791.60 |
| | | | | ADVANCE PAYMENT = | \$6,268.74 | | |

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

ANY LISTED SPECIES BIOMASS 1,240.00 Tons 1.00 1,240.00

Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 20%; Trembling Aspen 80%.
Mixed Spruce Pulp & Bolts includes: Black Spruce 73%; White Spruce 27%.
Northern Hardwoods Pulpwood includes: Red Maple 99%; Sugar Maple 1%.

Mixed Product Description:

Jack Pine Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.
Mixed Spruce Pulp & Bolts includes: Bolts 37%; Pulpwood 63%.

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:

Sale can be accessed through the Elbow Lake Forest Rd. and then proceeding down the South Ban Lake Spur Rd., continuing on the Arrowhead State Trail.

Sale has summer access to both units. Within the sale about 75% could be harvested during a dry season.

Appraised by Andrew Broz and Andrew Erickson.

Price Adjustments:

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

Appraiser:

Andrew J. Erickson

(Appraisal ID 12009-0; Cutting Block ID 14087-0)

TRACT X29

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 30.0

Permit Number: X016714
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NENW,NWNW,SENW of Section 35 - Township 65, Range 21W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|----------|--------|------|-------------------|------------|----------------|----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASH | PULPWOOD | 320.00 | Cd | 5.60 | 1,792.00 | 5.60 | 1,792.00 |
| BALSAM FIR | PULPWOOD | 5.00 | Cd | 11.20 | 56.00 | 11.20 | 56.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | \$1,848.00 | BID TOTAL = \$ | 1,848.00 |
| | | | | ADVANCE PAYMENT = | \$277.20 | | |

Season of Operations:

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

Landings Roads and Trails:

- Road right of way crossing approval from County Public Works may be required.

Sale Conditions:

- Access is across State land.

Marketing Conditions:

Ash thinning. 50% basal area reduction to approximately 50sqft.

Price adjusted (-20%) off base for reserve trees to work around and low production.

Price Adjustments:

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

Appraiser:

David T. Sopoci

TRACT X30

COUNTY: KOOCHICHING

AREA: LITTLEFORK AREA

ACRES: 23.2

Permit Number: X016715
Expiration Date: 05/31/2022

Purchased By: DeLack Logging Inc.
Address: PO Box 354, Littlefork, MN 56653

SESE,SWSE of Section 20 - Township 65, Range 25W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 52 | |
|-----------------|----------|--------|------|------------|----------|------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASPEN SPECIES | PULPWOOD | 420.00 | Cd | 20.68 | 8,685.60 | 31.43 | 13,200.60 |
| + BALSAM FIR | PULPWOOD | 125.00 | Cd | 14.70 | 1,837.50 | 22.34 | 2,792.50 |
| + TAMARACK | PULPWOOD | 110.00 | Cd | 6.30 | 693.00 | 9.58 | 1,053.80 |
| + JACK PINE | PULPWOOD | 95.00 | Cd | 9.45 | 897.75 | 14.36 | 1,364.20 |
| BLACK SPRUCE | PULPWOOD | 35.00 | Cd | 17.85 | 624.75 | 17.85 | 624.75 |
| PAPER BIRCH | PULPWOOD | 15.00 | Cd | 11.55 | 173.25 | 11.55 | 173.25 |

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$12,911.85 BID TOTAL = \$ 19,209.10
ADVANCE PAYMENT = \$1,936.78

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

ANY LISTED SPECIES BIOMASS 376.00 Tons 1.00 376.00

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 10%; Trembling Aspen 90%.

Cutting and Felling:

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

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

Marketing Conditions:

- Aspen: 5-7 sticks, 8"-12" dbh, good quality.
- Balsam: 2-4 sticks, 6"-9" dbh, fair quality.
- Tamarack: 3-5 sticks, 6"-9" dbh, fair quality.
- Spruce: 3-5 sticks: 7"-9" dbh, fair quality.
- Jack Pine: 4-6 sticks, 7"-10" dbh, fair quality.
- Birch: 3-4 sticks, 6"-8" dbh, fair quality.

A small portion of this sale (~7 acres) could be cut during dry summer conditions. Two small wetland crossings would be necessary.

Price is reduced because small blowdown pockets are within the sale area, approximately 1-2 acres in total size.

Sale is located 1/10 mile east of the end of the Nelson minimum maintenance forest road.

Price Adjustments:

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

Other Price Factor: 0%

Appraiser:

Benjamin Thomas West

(Appraisal ID 14824-0; Cutting Block ID 17317-0)

TRACT X31

COUNTY: ST. LOUIS

AREA: TOWER AREA

ACRES: 60.9

Permit Number: X016716
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

SESW,SWSW of Section 23; NENE,NENW,NWNE,SESW of Section 27; SESE,SWSE of Section 22 -
Township 66, Range 19W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: | |
|-----------------|----------|--------|------|------------|----------|------------|----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASPEN SPECIES | PULPWOOD | 300.00 | Cd | 18.00 | 5,400.00 | 18.00 | 5,400.00 |
| + PAPER BIRCH | PULPWOOD | 260.00 | Cd | 9.90 | 2,574.00 | 9.90 | 2,574.00 |
| + BALSAM FIR | PULPWOOD | 105.00 | Cd | 12.60 | 1,323.00 | 12.60 | 1,323.00 |
| + MIXED SPRUCE | PULPWOOD | 84.00 | Cd | 15.30 | 1,285.20 | 15.30 | 1,285.20 |
| RED MAPLE | PULPWOOD | 60.00 | Cd | 10.80 | 648.00 | 10.80 | 648.00 |
| ASH | PULPWOOD | 56.00 | Cd | 6.30 | 352.80 | 6.30 | 352.80 |

+ BID SPECIES * SOLD ON APPRAISED VOLUME

| | | | |
|-------------------|-------------|----------------|-----------|
| APPRAISED TOTAL = | \$11,583.00 | BID TOTAL = \$ | 11,583.00 |
| ADVANCE PAYMENT = | \$1,737.45 | | |

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

| | | | | |
|--------------------|---------|-------------|------|--------|
| ANY LISTED SPECIES | BIOMASS | 475.00 Tons | 1.00 | 475.00 |
|--------------------|---------|-------------|------|--------|

Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 12%; Trembling Aspen 88%.
Mixed Spruce Pulpwood includes: Black Spruce 51%; White Spruce 49%.

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:

Sale is located off of County Road 180 with access off the snowmobile trail.

Price Adjustments:

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

Appraiser:

Cassandra DeMillo

TRACT X32

COUNTY: KOOCHICHING

AREA: LITTLEFORK AREA

ACRES: 40.6

Permit Number: X016717
Expiration Date: 05/31/2022

Purchased By: Rieger Logging Inc.
Address: 61559 Co Road 26, Northome, MN 56661

SWSW of Section 20; GL03, GL04 of Section 29 - Township 66, Range 23W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 118 | |
|---|----------|----------|------|-------------------|-----------|-------------|--------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + BLACK SPRUCE | PULPWOOD | 1,230.00 | Cd | 15.30 | 18,819.00 | 33.35 | 41,020.50 |
| TAMARACK | PULPWOOD | 24.00 | Cd | 5.40 | 129.60 | 5.40 | 129.60 |
| BALSAM FIR | PULPWOOD | 6.00 | Cd | 12.60 | 75.60 | 12.60 | 75.60 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$19,024.20 | BID TOTAL = \$ 41,225.70 |
| | | | | ADVANCE PAYMENT = | | \$2,853.63 | |

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

ANY LISTED SPECIES BIOMASS 525.00 Tons 1.00 525.00

Cutting and Felling:

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

Season of Operations:

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

Sale Conditions:

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

Marketing Conditions:

Sale can be accessed two ways: 2.5 Miles off the end of Res Hwy 8 or 5 miles off the end of the Galvin Line.

Price Adjustments:

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

Appraiser:

Brittney Kathleen King

TRACT X33

COUNTY: CASS

AREA: DEER RIVER AREA

ACRES: 79.0

Permit Number: X016718
Expiration Date: 05/31/2022

Purchased By: Rieger Logging Inc.
Address: 61559 Co Road 26, Northome, MN 56661

NENW,NESE,NESW,NWNW,NWSE,NWSW,SENE,SESW,SWNE,SWNW,SWSE of Section 8 - Township 143, Range 26W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 72 | |
|--|----------|----------|------|-------------------|-----------|-------------|--------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + TREMBLING ASPEN | PULPWOOD | 1,030.00 | Cd | 17.00 | 17,510.00 | 29.24 | 30,117.20 |
| PAPER BIRCH | PULPWOOD | 15.00 | Cd | 9.35 | 140.25 | 9.35 | 140.25 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$17,650.25 | BID TOTAL = \$ 30,257.45 |
| | | | | ADVANCE PAYMENT = | | \$2,647.54 | |

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

| | | | | | | | |
|--------------------|--------------|--------|------|------|----------|--|--|
| + ASH | PULP & BOLTS | 330.00 | Cd | 9.35 | 3,085.50 | | |
| ANY LISTED SPECIES | BIOMASS | 663.00 | Tons | 1.00 | 663.00 | | |

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

Cutting and Felling:

- Harvest all merchantable aspen and birch. Thin ash by removing 50% of basal area, removing large diameter trees first.

Season of Operations:

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

Sale Conditions:

- Access is across State land.

Marketing Conditions:

North aspen block requires winter creek crossing if accessing it from the South. Aspen price discounted due to creek crossing. There are a few pockets of aspen in optional ash stand. Those pockets are included in aspen volume.

Price Adjustments:

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

Appraiser:

Ryan K. Brubaker

TRACT X34

COUNTY: CASS

AREA: DEER RIVER AREA

ACRES: 19.0

Permit Number: X016719
Expiration Date: 05/31/2022

Purchased By: Rieger Logging Inc.
Address: 61559 Co Road 26, Northome, MN 56661

SESE,SWSE of Section 9 - Township 144, Range 27W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 36 | |
|---|----------|--------|------|-------------------|----------|------------|-------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + TREMBLING ASPEN | PULPWOOD | 360.00 | Cd | 18.00 | 6,480.00 | 24.48 | 8,812.80 |
| PAPER BIRCH | PULPWOOD | 30.00 | Cd | 9.90 | 297.00 | 9.90 | 297.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$6,777.00 | BID TOTAL = \$ 9,109.80 |
| | | | | ADVANCE PAYMENT = | | \$1,016.55 | |

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

| | | | | |
|--------------------|---------|-------------|------|--------|
| ANY LISTED SPECIES | BIOMASS | 235.00 Tons | 1.00 | 235.00 |
|--------------------|---------|-------------|------|--------|

Season of Operations:

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

Sale Conditions:

- Access is across USFS land.
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.

Marketing Conditions:

(N/A)

Price Adjustments:

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

Appraiser:

Ryan K. Brubaker

TRACT X35

COUNTY: ITASCA

AREA: DEER RIVER AREA

ACRES: 12.0

Permit Number: X016720
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

SWSE of Section 15 - Township 146, Range 25W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|--------------|--------|------|-------------------|----------|------------|-------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASH | PULP & BOLTS | 112.00 | Cd | 10.98 | 1,229.76 | 10.98 | 1,229.76 |
| WHITE CEDAR | PULP & BOLTS | 5.00 | Cd | 9.00 | 45.00 | 9.00 | 45.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$1,274.76 | BID TOTAL = \$ 1,274.76 |
| | | | | ADVANCE PAYMENT = | | \$191.21 | |

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

| | | | | |
|--------------------|---------|------------|------|-------|
| ANY LISTED SPECIES | BIOMASS | 89.00 Tons | 1.00 | 89.00 |
|--------------------|---------|------------|------|-------|

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 65%; Pulpwood 35%.
White Cedar Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

Season of Operations:

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

Sale Conditions:

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

Marketing Conditions:

Price reduced 10% due to low stand density.

Price Adjustments:

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

Appraiser:

Joshua Matthew Tomlin

TRACT X36

COUNTY: ITASCA

AREA: DEER RIVER AREA

ACRES: 25.7

Permit Number: X016721

Expiration Date: 05/31/2022

Purchased By: Rieger Logging Inc.

Address: 61559 Co Road 26, Northome, MN 56661

GL02 of Section 4; NESE of Section 13 - Township 147, Range 27W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 1 | |
|---|---------------------------------------|--------|------|-------------------|-----------|-------------|--------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + NORWAY PINE | WOODSRUN SAWTIMBER (SOFTWOOD ONLY) | 170.00 | MBF | 107.10 | 18,207.00 | 108.17 | 18,388.90 |
| BALSAM FIR | PULPWOOD | 20.00 | Cd | 14.70 | 294.00 | 14.70 | 294.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$18,501.00 | BID TOTAL = \$ 18,682.90 |
| | | | | ADVANCE PAYMENT = | | \$2,775.15 | |

Mixed Product Description:

Norway Pine Woodsrun Sawtimber (Softwood only) includes: Pulpwood 5%; Sawtimber (Softwood Only) 95%.

Cutting and Felling:

- In type #72 NP67 harvest yellow painted red pine. In type #13 NP77 harvest all red pine except yellow painted seed trees.

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 state land.

Marketing Conditions:

Conventional logging is preferred for Stand #13 NP77 to maximize soil and shrub disturbance. Josh Donatell is the TSA/ appraiser for this stand.

Price Adjustments:

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

Appraiser:

Daniel D. Hertle

TRACT X37

COUNTY: ITASCA

AREA: DEER RIVER AREA

ACRES: 47.2

Permit Number: X016722
Expiration Date: 05/31/2022

Purchased By: Little Logging, Inc.
Address: Box 5025049 Industrial Ave, Littlefork, MN 56653

GL06, GL07, NESW, SESW of Section 6 - Township 149, Range 28W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 113 | |
|---|--------------|--------|------|-------------------|----------|-------------|--------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + ASPEN SPECIES | PULPWOOD | 490.00 | Cd | 19.16 | 9,388.40 | 40.81 | 19,996.90 |
| + WHITE SPRUCE | PULP & BOLTS | 340.00 | Cd | 21.40 | 7,276.00 | 45.58 | 15,497.20 |
| + BALSAM FIR | PULP & BOLTS | 200.00 | Cd | 17.50 | 3,500.00 | 37.28 | 7,456.00 |
| PAPER BIRCH | PULP & BOLTS | 25.00 | Cd | 13.25 | 331.25 | 13.25 | 331.25 |
| ASH | PULP & BOLTS | 5.00 | Cd | 10.20 | 51.00 | 10.20 | 51.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | | \$20,546.65 | BID TOTAL = \$ 43,332.35 |
| | | | | ADVANCE PAYMENT = | | \$3,082.00 | |

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

ANY LISTED SPECIES BIOMASS 525.00 Tons 1.00 525.00

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 28%; Trembling Aspen 72%.

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Balsam Fir Pulp & Bolts includes: Bolts 35%; Pulpwood 65%.
Paper Birch Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.
White Spruce Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.

Season of Operations:

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

Sale Conditions:

- Access is across State land.

Marketing Conditions:

Permit is located approximately 1 mile north of Itasca County 13, east of Itasca County 138.

Majority of permit is located on abandoned agricultural fields. Aspen is approximately 45 years old, with scattered younger and older trees. Spruce is approximately 55 years old.

Price Adjustments:

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

Appraiser:

Matthew T. Pollard

TRACT X38

COUNTY: KOOCHICHING

AREA: LITTLEFORK AREA

ACRES: 63.9

Permit Number: X016723
Expiration Date: 05/31/2022

Purchased By:
Address:

UNSOLD

NESE,NWSE,SENE,SESE,SWNE of Section 3; NWSW,SWNW,SWSW of Section 2 - Township 154, Range 26W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID: _____ | |
|---|----------|----------|------|-------------------|-------------|----------------|-----------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + BLACK SPRUCE | PULPWOOD | 1,250.00 | Cd | 15.30 | 19,125.00 | 15.30 | 19,125.00 |
| TAMARACK | PULPWOOD | 20.00 | Cd | 5.40 | 108.00 | 5.40 | 108.00 |
| + BID SPECIES * SOLD ON APPRAISED VOLUME | | | | APPRAISED TOTAL = | \$19,233.00 | BID TOTAL = \$ | 19,233.00 |
| | | | | ADVANCE PAYMENT = | \$2,884.95 | | |

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

ANY LISTED SPECIES BIOMASS 700.00 Tons 1.00 700.00

Cutting and Felling:

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

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Access using approximately 3 miles of winter road along Toumey grade from county rd 30. Approximately 5 miles west of Big Falls. Common boundary exists with permit B013946.

Price Adjustments:

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

Appraiser:

Jarrold L. Amundson

(Appraisal ID 14375-0; Cutting Block ID 16814-0)

TRACT X39

COUNTY: KOOCHICHING

AREA: LITTLEFORK AREA

ACRES: 74.2

Permit Number: X016724
 Expiration Date: 05/31/2022

Purchased By: Rieger Logging Inc.
Address: 61559 Co Road 26, Northome, MN 56661

NWNE,NWSE,SENE,SWNE of Section 22 - Township 155, Range 25W.

| SPECIES | PRODUCT | VOLUME | UNIT | APPRAISED | | BID %: 102 | |
|-------------------|----------------------------|----------|------|------------|-------------------|-------------|---------------------------|
| | | | | UNIT PRICE | \$ VALUE | UNIT PRICE | \$ VALUE |
| + PINE SPECIES | WOODSRUN MIXED PRODUCTS | 2,450.00 | Cd | 38.46 | 94,227.00 | 77.69 | 190,340.50 |
| + TREMBLING ASPEN | PULPWOOD | 225.00 | Cd | 22.00 | 4,950.00 | 44.44 | 9,999.00 |
| BALSAM FIR | PULPWOOD | 4.00 | Cd | 15.40 | 61.60 | 15.40 | 61.60 |
| + BID SPECIES | * SOLD ON APPRAISED VOLUME | | | | | | |
| | | | | | APPRAISED TOTAL = | \$99,238.60 | BID TOTAL = \$ 200,401.10 |
| | | | | | ADVANCE PAYMENT = | \$14,885.79 | |

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

ANY LISTED SPECIES BIOMASS 1,155.00 Tons 1.00 1,155.00

Mixed Species Description:

Pine Species Woodsrun Mixed Products includes: Jack Pine 31%; Norway Pine 69%.

Mixed Product Description:

Pine Species Woodsrun Mixed Products includes: Bolts 40%; Pulpwood 30%; Sawtimber (Softwood Only) 30%.

Season of Operations:

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

Sale Conditions:

- Access is across State land.

Marketing Conditions:

The sale is located 0.7 miles down the Ben Linn Landing State Forest Road.

Prices are based off the following product descriptions:

Red Pine Final Harvest: Red pine is comprised of 58% sawtimber, 29% bolts, 13% pulpwood (Woodsrun Sawtimber-softwood-whole bole price). Red pine diameter and size is variable, primarily running between 15-18" and 8-9 sticks (32.0 cd/ac).

Mixed Pine Final Harvest: Jack pine is comprised of 50% bolts and 50% pulpwood. Jack pine averages 10" DBH and 8 sticks. Red pine is comprised of 27% sawtimber, 42% bolts, and 31% pulpwood. Red pine diameter and size is variable, primarily running between 12-15" and 8 sticks (50.5 cd/ac).

Red Pine Thinning 1: Red pine is comprised of 30% bolts and 70% pulpwood. Red pine averages 8" DBH and 6 sticks (11.1 cd/ac removal volume).

Red Pine Thinning 2: Red pine is comprised of 67% bolts and 33% pulpwood. Red pine averages 11" DBH and 7 sticks (12.5 cd/ac removal volume).

Price Adjustments:

Road Construction Costs: 0%
 Haul Distance to Nearest Mill: 0%
 Stand Density: +10%

Operational Constraints: 0%
Other Price Factor: 0%

Appraiser:

Brian M. Feldt

(Appraisal ID 14798-0; Cutting Block ID 17246-0)

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

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

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 11, 2019

- SUMMARY SHEET -

06/11/2019 INTERMEDIATE AUCTION - SALE #2

COMPLETED - DATA AS OF 06/28/2019

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

SUMMARY FOR SOLD TRACTS

| PRODUCT | SPECIES | TOTAL VOLUME | UNIT | SOLD AVERAGE UNIT PRICE | TOTAL SOLD \$ VALUE |
|------------------------------------|-------------------------------|--------------|-------|-------------------------|---------------------|
| PULP & BOLTS | ASH | 23.00 | Cd | 8.61 | 198.06 |
| | ASH (optional) | 330.00 | Cd | - | 0.00 |
| | TREMBLING ASPEN | 1,880.00 | Cd | 36.74 | 69,071.20 |
| | PAPER BIRCH | 145.00 | Cd | 18.24 | 2,644.85 |
| | BASSWOOD | 125.00 | Cd | 7.85 | 981.75 |
| | OAK SPECIES | 50.00 | Cd | 18.00 | 900.00 |
| | RED OAK | 217.00 | Cd | 22.99 | 4,988.83 |
| | NORWAY PINE | 201.00 | Cd | 22.65 | 4,553.37 |
| | WHITE SPRUCE | 1,065.00 | Cd | 29.60 | 31,523.95 |
| | BALSAM FIR | 200.00 | Cd | 37.28 | 7,456.00 |
| | MIXED SPRUCE | 2,198.00 | Cd | 17.12 | 37,620.44 |
| WOODSRUN MIXED PRODUCTS | RED OAK | 190.00 | Cd | 54.40 | 10,336.00 |
| | PINE SPECIES | 2,450.00 | Cd | 77.69 | 190,340.50 |
| | NORWAY PINE | 1,435.00 | Cd | 72.79 | 104,453.65 |
| PULPWOOD | ASH | 522.00 | Cd | 6.42 | 3,350.90 |
| | ASPEN SPECIES | 4,574.00 | Cd | 27.03 | 123,614.81 |
| | TREMBLING ASPEN | 1,615.00 | Cd | 30.30 | 48,929.00 |
| | PAPER BIRCH | 669.00 | Cd | 9.70 | 6,486.87 |
| | BALM OF GILEAD | 83.00 | Cd | 11.05 | 917.15 |
| | MAPLE SPECIES | 363.00 | Cd | 15.95 | 5,791.56 |
| | NORTHERN HARDWOODS | 617.00 | Cd | 11.12 | 6,859.75 |
| | NORWAY PINE | 25.00 | Cd | 9.00 | 225.00 |
| | JACK PINE | 95.00 | Cd | 14.36 | 1,364.20 |
| | WHITE SPRUCE (optional) | 100.00 | Cd | - | 0.00 |
| | BALSAM FIR | 2,754.00 | Cd | 14.08 | 38,783.23 |
| | BLACK SPRUCE | 1,955.00 | Cd | 29.82 | 58,301.85 |
| | TAMARACK | 411.00 | Cd | 5.89 | 2,419.70 |
| MIXED SPRUCE | 940.00 | Cd | 18.58 | 17,465.20 | |
| BIOMASS | ANY LISTED SPECIES (optional) | 11,057.85 | Tons | - | 0.00 |
| WOODSRUN SAWTIMBER (SOFTWOOD ONLY) | NORWAY PINE | 170.00 | MBF | 108.17 | 18,388.90 |

TOTAL SOLD TRACTS CONVERTED TO CORDS: 25,142.00
TOTAL APPRAISED DOLLAR VALUE OF SOLD TRACTS: \$ 526,825.29
TOTAL BID-UP DOLLAR VALUE OF SOLD TRACTS: \$ 797,966.72
TOTAL ACRES SOLD: 1,397.0
SOLD TRACT NUMBERS: 2, 4, 5, 7, 15, 19, 20, 21, 23, 24, 25, 26, 27, 30, 32, 33, 34, 36, 37, 39
TOTAL NUMBER OF TRACTS SOLD: 20

SUMMARY FOR UNSOLD TRACTS

| PRODUCT | SPECIES | TOTAL VOLUME | UNIT | APPRAISED AVERAGE UNIT PRICE | APPRAISED \$ VALUE |
|--------------|---------------|--------------|------|------------------------------|--------------------|
| PULP & BOLTS | ASH | 499.00 | Cd | 10.53 | 5,255.40 |
| | SILVER MAPLE | 30.00 | Cd | 16.00 | 480.00 |
| | MAPLE SPECIES | 400.00 | Cd | 10.92 | 4,368.00 |
| | BASSWOOD | 55.00 | Cd | 8.40 | 462.00 |
| | BUR OAK | 10.00 | Cd | 22.00 | 220.00 |
| | JACK PINE | 290.00 | Cd | 15.70 | 4,553.00 |
| | BLACK SPRUCE | 805.00 | Cd | 18.10 | 14,570.50 |

- SUMMARY SHEET (Continued) -

SUMMARY FOR UNSOLD TRACTS

| PRODUCT | SPECIES | TOTAL | | APPRAISED | APPRAISED |
|---------------------------|--------------------------------------|----------|------|-----------------------|-----------|
| | | VOLUME | UNIT | AVERAGE UNIT PRICE | \$ VALUE |
| | TAMARACK | 175.00 | Cd | 7.50 | 1,312.50 |
| | WHITE CEDAR | 5.00 | Cd | 9.00 | 45.00 |
| | MIXED SPRUCE | 410.00 | Cd | 17.90 | 7,339.00 |
| PULPWOOD | ASH | 609.00 | Cd | 6.01 | 3,662.40 |
| | ASPEN SPECIES | 2,803.00 | Cd | 17.98 | 50,395.87 |
| | TREMBLING ASPEN | 70.00 | Cd | 22.80 | 1,596.00 |
| | PAPER BIRCH | 368.00 | Cd | 9.72 | 3,575.55 |
| | MAPLE SPECIES | 10.00 | Cd | 12.00 | 120.00 |
| | NORTHERN HARDWOODS | 292.00 | Cd | 10.23 | 2,986.25 |
| | RED MAPLE | 60.00 | Cd | 10.80 | 648.00 |
| | YELLOW BIRCH | 13.00 | Cd | 9.35 | 121.55 |
| | BALSAM FIR | 118.00 | Cd | 12.35 | 1,457.40 |
| | BLACK SPRUCE | 1,676.00 | Cd | 15.60 | 26,148.15 |
| | TAMARACK | 1,295.00 | Cd | 5.71 | 7,389.00 |
| | MIXED SPRUCE | 84.00 | Cd | 15.30 | 1,285.20 |
| MISCELLANEOUS | BLACK SPRUCE <i>(optional)</i> | 70.00 | Cd | 17.00 | 1,190.00 |
| CORDWOOD | TAMARACK <i>(optional)</i> | 80.00 | Cd | 6.00 | 480.00 |
| BIOMASS | ANY LISTED SPECIES <i>(optional)</i> | 4,963.90 | Tons | 1.00 | 4,960.70 |
| SAWTIMBER (SOFTWOOD ONLY) | NORWAY PINE | 55.00 | Cd | 43.35 | 2,384.25 |

TOTAL UNSOLD TRACTS CONVERTED TO CORDS: 10,132.00
TOTAL APPRAISED DOLLAR VALUE OF UNSOLD TRACTS: \$ 140,375.02
TOTAL ACRES UNSOLD: 640.7
UNSOLD TRACT NUMBERS: 1, 3, 6, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 22, 28, 29,
 31, 35, 38
TOTAL NUMBER OF TRACTS UNSOLD: 19