



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7418**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on May 10, 2024.**

LOCATION: **ESCANABA MGMT UNIT, 6833 HWY'S 2, 41 & M-35, GLADSTONE, MI 49837.**

CONTACT NAME: Eric Thompson

PHONE NUMBER: (906) 789-8231

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, CRYSTAL FALLS MANAGEMENT UNIT, for certain timber on the following described lands:

The Golden Goose (12-003-24) / T44N, R27W, SEC. 19, SENE.

T44N, R27W, SEC. 20, NW,SW.

T44N, R27W, SEC. 29, NENW.

Dickinson County, Advertised Price \$136,702.25, 154.5 Acres, Aspen, Hardwood.

SALE NOTE: A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

TIMBER SALE INFORMATION

The Golden Goose (12-003-24)

T44N, R27W, SEC. 19; T44N, R27W, SEC. 20; T44N, R27W, SEC. 29.

Dickinson County (Advertised Price \$136,702.25)

SALE NOTE: A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|-------------------------|-------------------------|
| Sawtimber | | |
| Basswood | 4.9 MBF | \$ 96.00 / MBF |
| Sugar Maple | 30.5 MBF | \$ 198.00 / MBF |
| Pulpwood | | |
| Balsam Fir | 95 Cords | \$ 6.40 / Cord |
| Basswood | 6 Cords | \$ 7.70 / Cord |
| Mixed Hardwood | 210 Cords | \$ 11.65 / Cord |
| Quaking Aspen | 5,769 Cords | \$ 21.85 / Cord |
| White Spruce | 70 Cords | \$ 14.85 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 13.51 percent. There are an estimated 6,234 cords on this timber sale, plus or minus 842 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$10,936.18 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

| PAYMENT UNIT NUMBER | PERCENT OF TOTAL SALE VALUE |
|---------------------|-----------------------------|
| 01 | 5.3% |
| 02 | 28.8% |
| 03 | 30.4% |
| 04 | 35.5% |
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2027.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

| VOLUME | | | STATISTICAL RANGE IN CORDS | |
|------------------|-------------|---------------|----------------------------|---------|
| TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 492,492 | 6,234 | 13.51% | 5,392 | 7,076 |

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

| | VOLUME | | | RANGE IN CORDS | |
|--------|------------------|-------------|---------------|----------------|---------|
| VDU | TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 38 | 474,136 | 6,002 | 11.56% | 5,308 | 6,695 |
| 40 | 18,356 | 232 | 27.60% | 168 | 296 |
| TOTAL: | 492,492 | 6,234 | | 5,476 | 6,992 |

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

| VDU | VDU ACRES | PU | PU ACRES |
|--------|-----------|----|----------|
| 38 | 135.7 | 2 | 41.3 |
| | | 3 | 43.5 |
| | | 4 | 50.9 |
| 40 | 18.8 | 1 | 18.8 |
| TOTAL: | 154.5 | | 154.5 |

DESCRIPTION OF TIMBER BY PU (PU)

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE |
|--------|----------------|-----------|----------|-------|-------|-----------------|
| 1 | Basswood | Sawtimber | 4.9 | MBF | 18.8 | \$7,267.45 |
| | Sugar Maple | | 24.6 | MBF | | |
| | Basswood | Pulpwood | 6 | Cords | | |
| | Mixed Hardwood | | 152 | Cords | | |
| | Ironwood | | 3 | Cords | | |
| | Sugar Maple | | 149 | Cords | | |
| | Quaking Aspen | | 5 | Cords | | |
| 2 | Sugar Maple | Sawtimber | 1.8 | MBF | 41.3 | \$39,376.80 |
| | Balsam Fir | Pulpwood | 29 | Cords | | |
| | Mixed Hardwood | | 17 | Cords | | |
| | Ironwood | | 2 | Cords | | |
| | Red Maple | | 5 | Cords | | |
| | Sugar Maple | | 10 | Cords | | |
| | Quaking Aspen | | 1,754 | Cords | | |
| | White Spruce | | 21 | Cords | | |
| 3 | Sugar Maple | Sawtimber | 1.9 | MBF | 43.5 | \$41,495.05 |
| | Balsam Fir | Pulpwood | 30 | Cords | | |
| | Mixed Hardwood | | 19 | Cords | | |
| | Ironwood | | 2 | Cords | | |
| | Red Maple | | 6 | Cords | | |
| | Sugar Maple | | 11 | Cords | | |
| | Quaking Aspen | | 1,848 | Cords | | |
| | White Spruce | | 22 | Cords | | |
| 4 | Sugar Maple | Sawtimber | 2.2 | MBF | 50.9 | \$48,562.95 |
| | Balsam Fir | Pulpwood | 36 | Cords | | |
| | Mixed Hardwood | | 22 | Cords | | |
| | Ironwood | | 3 | Cords | | |
| | Red Maple | | 7 | Cords | | |
| | Sugar Maple | | 12 | Cords | | |
| | Quaking Aspen | | 2,162 | Cords | | |
| | White Spruce | | 27 | Cords | | |
| TOTAL: | | | 35.4 | MBF | | |
| TOTAL: | | | 6,150 | Cords | | |

Sale Specific Conditions & Requirements

Sale Name: The Golden Goose

Sale Number: 12-003-24 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint, with the exception of the southern boundary of Payment Unit 4, which is marked with red paint, except for the short western edge that is marked in blue (see Timber Sale Map). Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with chevrons in red paint; no harvesting activities may occur within these areas. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 2-4, cut all trees that are four (4) inches or more at DBH, except do not cut any cedar, white pine, red pine, hemlock, or if present, oak.

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 1, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

4 - Transportation

4.1 - Construction

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Contact the Sale Administrator for specific details of design and placement.

4.3 - Public Right-of-Way

4.3.2 - County R-O-W (12/06)

The county must be contacted prior to decking along the county road R-O-W. This applies to Payment Units 1 & 4, adjacent to Tower Road and County Road 581, respectively. Dickinson County Road Commission may require a permit for decking activities.

5 - Operations

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two piles of loosely stacked tops, brush or logs a minimum of 8 feet wide by 6 feet tall on the ground for every Payment Unit, except for Payment

Unit 1. They should be scattered throughout the sale.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Tower Road & County Road 581 prior to beginning operations. The road must be posted approximately 350 feet from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

**TIMBER SALE MAP**

This information provided by authority of Part 525, 1994 PA 451, as amended.

| | | | | | | | | | |
|------------------------|--|-----------|--|--|--|-------------|--|------------|----|
| Forest Management Unit | | County | Mapped By: Andy Church | | | Sale Number | | Date | |
| Crystal Falls Mgt Unit | | Dickinson | Cruised By: Andy Church | | | 12-003-24 | | 03/12/2024 | |
| Township | | Range | Section(s) and Subdivision(s) | | | Scale | | Page | Of |
| 44N | | 27W | Sec. 19 SENE; Sec. 20 NW,SW; Sec. 29 NENW; | | | 1:15,840 | | 1 | 1 |

Cover Type

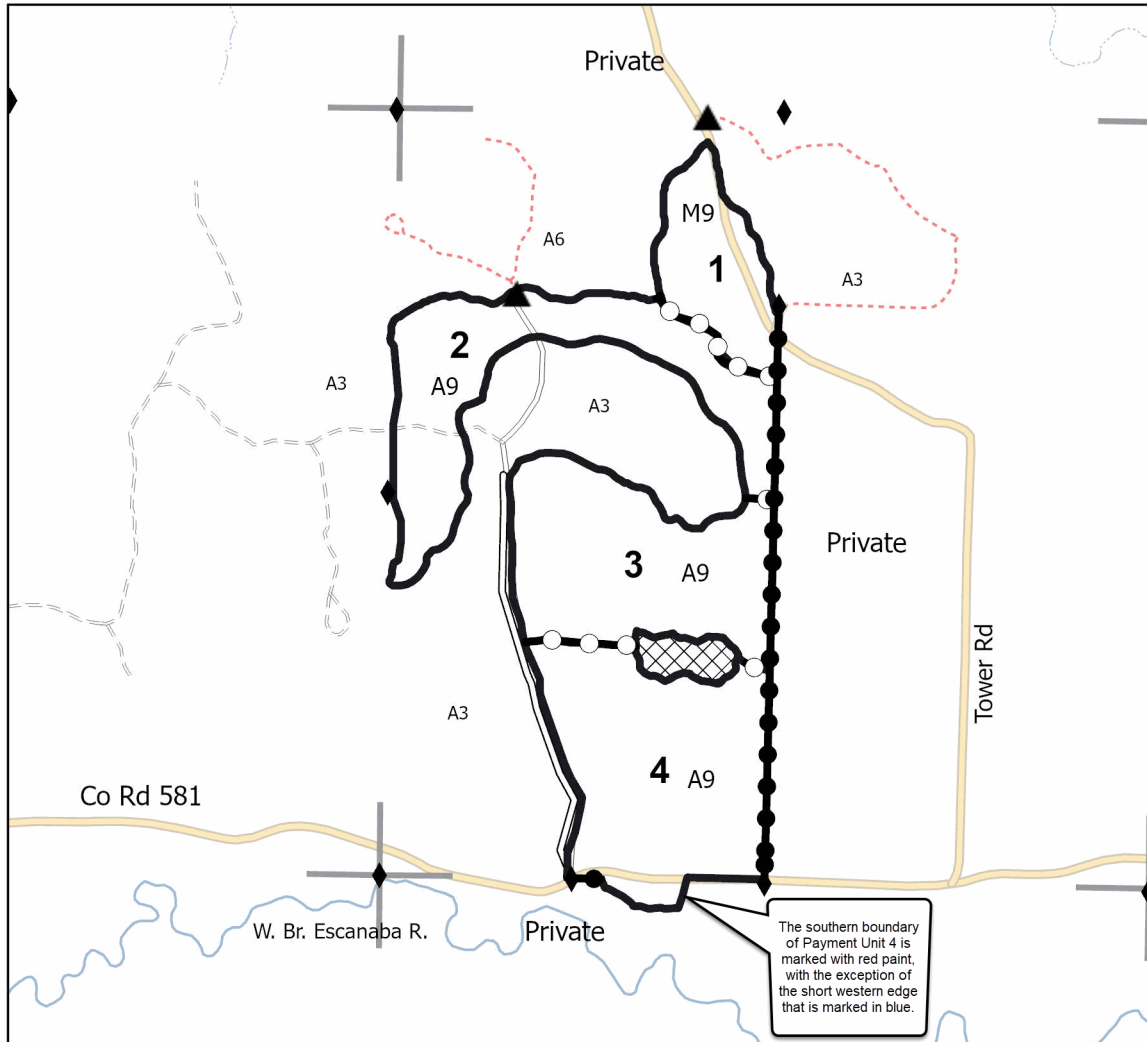
| | | | |
|---------------------|-------------------------|-------------------------|------------------------|
| A = Aspen | J = Jack Pine | O = Oak | U = Upland Brush |
| B = Paper Birch | K = Rock | P = Lowland Poplar | UM = Upland Mix Forest |
| C = Cedar | L = Lowland Brush | Q = Mixed Swamp Conifer | V = Bog or Marsh |
| D = Treed Bog | LM = Lowland Mix Forest | R = Red Pine | W = White Pine |
| E = Swamp Hardwoods | M = Maple, Beech, Birch | S = Black Spruce | X = Non Stocked |
| F = Spruce/Fir | MC = Mixed Conifer | T = Tamarack | Y = Sand |
| G = Grass | MD = Mixed Deciduous | | Z = Water |
| H = Hemlock | N = Marsh | | |

Density

| | |
|-----------------------------|------------------------|
| 0 = Non Stocked | 5 = Pole Timber Medium |
| 1 = Seedling Sapling Poor | 6 = Pole Timber Well |
| 2 = Seedling Sapling Medium | 7 = Saw Timber Poor |
| 3 = Seedling Sapling Well | 8 = Saw Timber Medium |
| 4 = Pole Timber Poor | 9 = Saw Timber Well |

PU # Acres

| | |
|---|------|
| 1 | 18.8 |
| 2 | 41.3 |
| 3 | 43.5 |
| 4 | 50.9 |

The Golden Goose**154.5 Acres
Comp 20****Legend**

- Against State (Red)
- Exclusion (Red)
- Against State (Yellow)
- Payment Unit (Yellow)
- Private Line (Blue)
- Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- Intermittent Stream
- Perennial River
- Survey Corner
- Berm
- Section Corner

