

Timber Sale Invitation to Bid

LTC- Tanton Harvest

This is an invitation to place a lump sum bid for a **45 acre** timber sale located on a 236 acre property located in a portion of Sections 8&9, T34N R4W, Springvale South Township, Emmet County, MI. The land is owned by the Little Traverse Conservancy. The timber sale is administered by Metcalfe Forestry. All bids must be turned in to Metcalfe Forestry before **5 pm Wednesday, September 12, 2018**.

Metcalfe Forestry reserves the right to refuse any and all bids. Bid results will be available for all interested bidders. Please mail / fax / email all inquiries and bids to the address listed at the top of this page.

This is a Timber Stand Improvement harvest in a northern hardwood forest. The property is enrolled in the Commercial Forest Program and parts of it have been harvested before. The primary harvest area is 45 acres and is shown on the attached map. The total harvest volume is estimated to be 754 cords. 44% of the harvest volume is composed of logs and bolts, the rest is pulpwood.

Certification

The standing timber, as described herein, is FSC Certified under the Sustainable Resources Institute, Inc.'s FSC FM/COC Group Certificate**.

Certificate Code: RA-FM/COC-005783

FSC Claim for material described herein: FSC 100%

**NOTE: For the claim to be passed forward, the sale must be harvested by a Master Logger.

The LTC-Tanton Reserve is located off of Maxwell Road just south of Epsilon which is between Wolverine and Petoskey. The Tanton Reserve has a gated access road that has been used by prior logging operations, the combination is 3596. The access road leads to an opening within the harvest area which can be used as a landing. Refer to attached maps for further location information.

This property is extremely hilly. About half of the harvest area is hilly and the other half is fairly flat. There is a wetland within the harvest area which is shown on the map. A small stream and associated wetland is located just south of the main harvest area. Both wetlands have been separated from the harvest area and are marked with red paint. The previous logging operation has caused the stream to erode into nearby skid trails. LTC intends to fix the problem and repair this erosion damage in the near future. There are some skid trails that go through or near the wetlands which may get rutted and need to be repaired after the harvest.

This property receives a significant amount of recreational traffic. All hiking/biking trails will need to be kept clear of treetops while harvest operations are ongoing.

Payment: Ten percent of the sale value is to be paid up front **when the contract is signed**. The harvest can be split into payment units and each unit must be paid in full before beginning harvest operations.

Performance Guarantee: The buyer will be required to provide a performance guarantee in cash, check, or an irrevocable letter of credit from a bank for **\$2,000.00 to be paid up front when the contract is signed**.

Insurance: Prior to the start of any logging or road building, the buyer shall provide proof of Worker's Compensation Insurance as required by law, and Liability Insurance coverage in the amounts of \$250,000 per person and \$500,000 per incident. The buyer shall maintain this required insurance until completion of all logging activities on the property.

Volume Estimates: Sawlog volumes for sugar maple were determined by measuring 100% of the log trees being harvested. Sawlog volumes for all other species and products were determined by cruising 43 sample points with a 10 factor prism. All pulpwood was measured to a 4" top and sawlogs to an 11" top outside the bark, boltwood/spec wood to an 7" top outside bark. All products were measured 100 inches long. The tops of sawlog trees are included in the estimated pulpwood volume. The cruised volume estimate is calculated to have a statistical margin of error of plus or minus **21%**.

Please note: Beech Bark Disease (BBD) has been found within the stand. Beech mortality within the stand is expected within one to two years. The ash trees are already dead and are declining in quality.

LTC-Tanton Harvest Summary 45 acres

Harvest Boundaries; are marked in **Red** paint around the harvest area and wetlands.

Gate Combination: 3596

Timber to be harvested:

Harvest all aspen, beech, ash and ironwood trees as well as trees marked with **orange** paint. Do not cut or damage trees marked with **aqua-green** paint.

Special Considerations:

- Purchaser will drive on tree tops throughout the harvest area in order to reduce the potential for rutting, soil compaction and erosion.
- Whole tree skidding **IS NOT** permitted on this sale.
- Purchaser shall take reasonable precautions to minimize unnecessary or excessive rutting. Excessive rutting is defined as ruts that are more than 12 inches deep and continue for more than 50 feet.
- Locations for main skid trails have been indicated on the harvest map. Keep all trails clear of tops and smoothed out.
- All saplings that are severely damaged or bent over during the harvest must cut down.
- Clearcut sub merchantable saplings that have been marked with orange paint to create a regeneration gap that will encourage new growth.

Harvest Timeframe: Timber harvesting operations must be completed by **April 15th, 2020**. No harvest operations can occur between April 15th and July 15th due to slippage season. Harvesting timber **during hunting season IS allowed**. Cleanup operations must be done within two months of the end of harvest operations, or as soon as weather conditions allow.

LTC-Tanton Harvest, 45 ACRES

Please use the following format to place your bid. The following volumes are not guaranteed by the Seller or Metcalfe Forestry Co.

Company Name:

The following is my lump sum bid for the LTC-Tanton Harvest. I have read and agree to the specific work requirements as written in the timber sale invitation to bid.

	International 1/4 "		
Sugar Maple	Logs	16.7 MBF	\$ _____
Basswood	Logs	43 cords	\$ _____
Beech	Logs	49 cords	\$ _____
Aspen	Logs	16 cords	\$ _____
Red Maple	Logs	28 cords	\$ _____
Sugar Maple	Bolts	83 cords	\$ _____
Beech	Bolts	24 cords	\$ _____
Mixed Hardwood	Bolts	52 cords	\$ _____
Mixed Hardwood	Pulp	189 cords	\$ _____
Dead Ash	Firewood	54 cords	\$ _____
Aspen	Pulp	26 cords	\$ _____
Basswood	Pulp	60 cords	\$ _____
Beech	Pulp	90 cords	\$ _____
TOTAL LUMP SUM BID			\$ _____

These bid prices are final and not subject to adjustment. Prospective bidders are urged to examine the timber sale before bidding. I understand that the estimated volume and grade of timber designated for cutting and removal is in no way guaranteed by the Seller or Metcalfe Forestry Co.

I understand that any and all bids may be rejected.

Bidder's name & signature: _____

Telephone # / fax #: _____

Bidder's mailing address: _____

Bidder's email: _____

Little Traverse Conservancy Tanton Preserve Harvest Map

Portions of
Section 8 & 9
T34N-R4W
Springvale SouthTownship
Emmet County,
Michigan

45 Acre Harvest Area

Gate comb# 3596

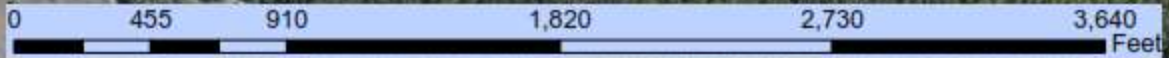
Legend

- Tanton_landing
- Tanton_trails
- Tanton_wetareas
- tanton_2018harvest_area

Maxwell Road



Map created July 2018
by Metcalfe Forestry
This is not a survey map



Little Traverse Conservancy Tanton Preserve Harvest Map

45 Acre Harvest Area

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Springvale South Township
Emmet County,
Michigan

Gate comb# 3596

Legend

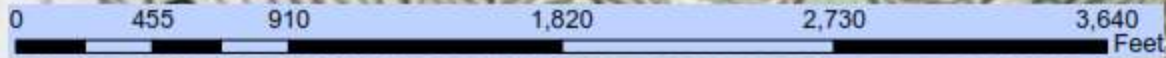
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MAXWELL

Maxwell Road



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Little Traverse Conservancy Tanton Preserve Harvest Map

45 Acre Harvest Area

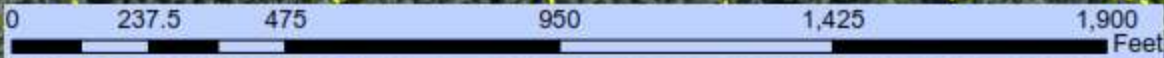
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45 Acre Harvest Area

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0 250 500 1,000 1,500 2,000 Feet

