

Timber Sale Invitation to Bid

Offield Hardwood Harvest

This is an invitation to place a lump sum bid for a **145 acre** timber sale located on a 393 acre property located on Portions of Section 9 T35N R5W, Emmet County, Michigan. The land is owned by Little Traverse Conservancy (LTC). The timber sale will be administered by Metcalfe Forestry LLC. All bids must be turned in to Metcalfe Forestry before **5 pm Wednesday, November 29th 2017**. 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.

Metcalfe Forestry LLC
402 Chestnut St.
Grayling, MI 49738
Office 989-348-3596
Fax 989-348-3599 call b4 faxing
Cell: Bryce- 989-619-7086
metcalfeforestry@yahoo.com

This is Timber Stand Improvement harvest of a northern hardwood forest called the Offield Working Forest Preserve. The property is enrolled in the Commercial Forest program and this will be the second timber harvest that has recently occurred on the property. The property is open to the public for non-motorized recreation. You are welcome to visit this property during hunting season; however, we recommend not being there around sunrise and sunset and opening day. Wear lots of orange.

The Offield Preserve is located just north of Harbor Springs and is bordered by Quick Road on the north, Hedrick Road on the west and West Hathaway Road on the south. There are parking lots along Quick Road and Hendricks Road for public access to a network of trails. Relevant trails will be closed during the logging operation. All trails must be left free of tops and slash. These trails are shown on the attached map.

The terrain of the harvest is relatively flat with some small hills. The soils are a sandy loam and are generally dry.

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 **\$3,000.00 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.

Special Provisions: The Offield Preserve receives a significant amount of recreational traffic and has an excellent hiking trail system. This timber harvest will receive a great deal of scrutiny from local citizens and we are looking for a logging crew that will do the best job possible. The logger may be asked to provide a logging demonstration to members of the public on a scheduled day. Please account for this in your bid.

Volume Estimates: Sawlog volumes for sugar maple were determined by measuring 100% of the log trees being harvested. Volumes for ash, beech, and aspen sawtimber as well as all pulpwood and bolts were determined by cruising 66 sample points with a 10 factor prism. All pulpwood was measured to a 4" top and bolts to a 7" top and sawlogs to a 11" top outside the bark. All measured pulpsticks and logs were 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 **14%**. The estimated volumes are not guaranteed by the Seller or the Seller's agent.

Note that the ash and beech trees are infested and can be expected to die within the next two years. Dead trees were not included in this volume estimate.

Sugar Maple Grade Log Summary (100% tally)

Volume per
Tree

DBH	# logs	BF Inter1/4"	# Trees	BF Inter1/4"
12"	1	31	350	10850
12"	2	56	75	4200
14"	1	45	75	3375
14"	2	78	140	10920
14"	3	105	16	1680
16"	1	60	36	2160
16"	2	106	64	6784
16"	3	143	44	6292
18"	1	78	15	1170
18"	2	136	17	2312
18"	3	184	15	2760
18"	4	233	2	466
20"	1	99	4	396
20"	2	171	11	1881
20"	3	234	8	1872
20"	4	296	2	592
Total Trees			874	57710

Total BF

Offfield Hardwood Harvest Summary 145 acres

Harvest Boundaries; are marked in **Red** paint.

Gate Combination: 3596 for South Western gate. (see map) The northern gate on Quick Road is within walking distance from the harvest area. This gate will be opened for the harvest and the landing will be located in the opening next to the woods.

Timber to be harvested:

Harvest all beech and ash trees as well as trees marked with **orange** paint. Do not cut or damage conifers or trees marked with **green** paint. Leave standing dead trees that do not contain sawtimber for wildlife.

Special Considerations:

- Purchaser will create brush piles scattered throughout the harvest area in order to improve the habitat for wildlife.
- Where practical; place brush piles on top of tree stumps to protect the stump sprouts from deer browse.
- 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. The soils are heavy and easily rutted during wet weather conditions; harvest operations should drive on tree tops to reduce rutting and should only occur during dry ground conditions.
- Hiking trails must be crossed at a right angle and cannot be driven down. All tops must be removed from hiking trails.
- All saplings that are severely damaged or bent over during the harvest must cut down.
- There are some small pockets of aspen within the harvest area that are being clearcut. Submerchantable trees that are marked with orange paint must be cut down in order to facilitate aspen regeneration.
- Due to the high recreation use of the property, all widow makers must be removed.

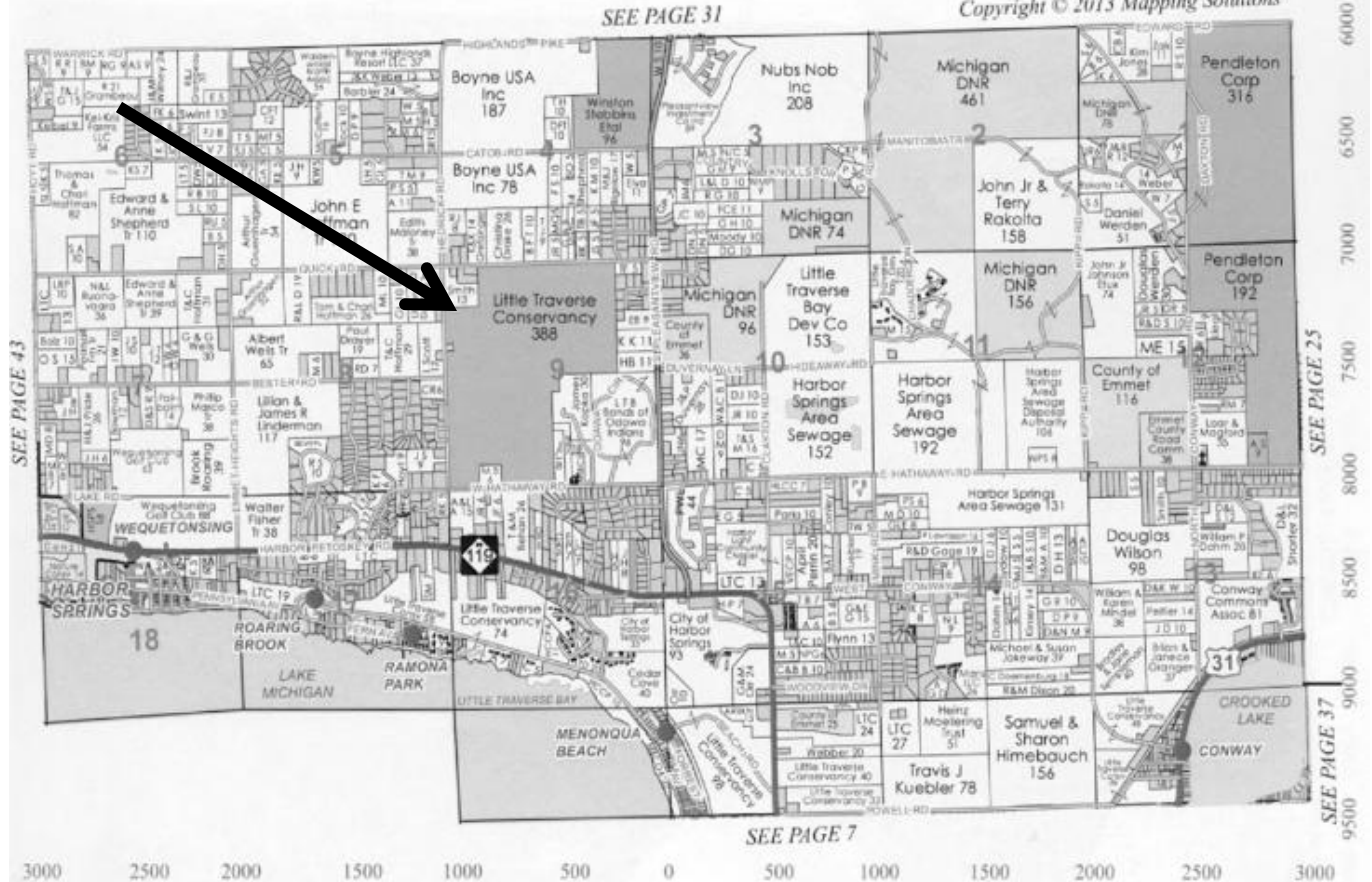
Harvest Timeframe: Timber harvesting operations must be completed by **March 1st, 2020**. No harvest operations can occur between April 15th and August 15th due to *slippage/nesting* season and high recreation use.

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.

LITTLE TRAVERSE T35N • R5W

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Portions of Section 9 T35N R5W, Emmet County, Michigan

Please use the following format to place your bid:

Offfield Hardwood Harvest

145 acres

Company Name:

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

Sugar Maple	Logs	Inter1/4" 57.7MBF	\$ _____
Basswood	Logs	21 cords	\$ _____
Beech	Logs	88 cords	\$ _____
Ash	Logs	12 cords	\$ _____
Red Maple	Log	12 cords	\$ _____
Aspen	Log	6 cords	\$ _____
Sugar Maple	Bolts	370 cords	\$ _____
Beech	Bolts	46 cords	\$ _____
Mix Hardwood	Bolts	34 cords	\$ _____
Sugar Maple	Pulp	686 cords	\$ _____
Beech	Pulp	154 cords	\$ _____
Aspen	Pulp	27 cords	\$ _____
Ash	Pulp	30 cords	\$ _____
Basswood	Pulp	14 cords	\$ _____
Mix Hardwood	Pulp	37 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 LLC.

I understand that any and all bids may be rejected.

Bidder's name & signature: _____

Telephone # / fax #: _____

Bidder's mailing address: _____

Bidder's email: _____

