

Timber Sale Invitation to Bid

HALES HARVEST

This is an invitation to place a lump sum bid for a **20 acre** timber sale located on an 80 acre property in SE 1/4 of the SE 1/4 of section 25 and the NE 1/4 of the NE 1/4 of section 36, T17N R5W, Clare County, Michigan. The land is owned by Brian and Morgan Hales. The timber sale is administered by Metcalfe Forestry. All bids must be turned in to Metcalfe Forestry before **5 pm Wednesday, May 22nd 2019.**

Metcalf 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 selective harvest of a 10 acre red pine plantation that has been thinned once before. There are another 10 acres of thinning that are a mixture of aspen, white spruce plantation, soft maple and cherry. The total volume of this timber harvest is estimated to be 359 cord of timber and averages 17.5 cords per acre. 52% of the harvest volume is composed of logs and bolts and 48% is pulpwood.

The red pine plantation is on flat, dry ground and the aspen/spruce is located on the edge of a swamp.

The Hales property is located just south of Farwell MI. Starting in Farwell, drive east on Ludington Drive/ Business Route 10, south on Beaver Rd, west on Willow Rd to the property entrance.

Refer to attached maps for further location information.

Payment: Ten percent of the sale value is to be paid up front within ten days of **when the contract is signed.** The harvest 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 **\$1,000.00 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; Harvest volumes for the red pine stands were determined by point sample cruising 15 sample points with a 10 factor prism. All other volumes were determined by measuring the diameter and height of every 10th tree. Hardwood sawlogs were measured to an 11" top, bolts to a 7" top and pulp to a 4" top. Conifer bolts were measured to a 6" top and conifer pulpwood was measured to a 4" top. All products were measured 100 inches long. The tops of sawlog trees are included in the estimated pulpwood volume.

Hales Harvest Summary 20 acres

Harvest Boundaries are marked in **Red** paint. The boundary between unit 1 and unit 2 is the wet drain between the two areas.

Access: The property entrance is open and can be accessed anytime during normal business hours. The landing locations are shown on the attached map. Some small scotch pine and red pine trees will need to be stumped at both landing locations.

Timber to be harvested:

Harvest all merchantable aspen, cherry and scotch pine and trees marked with **orange** paint. Leave all trees marked with **aqua-green** paint. Leave all ash trees; some of the live green ash may be resistant to EAB.

Special Considerations:

- Purchaser will drive on tree tops to reduce the likelihood of rutting and to compact tops.
- Willow Road and the property driveway are dirt roads that are used daily by the landowner and neighbors. These roads must be kept in good condition at **all** times. Logging truck traffic will be restricted during wet weather conditions.
- 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. If weather conditions become excessively wet, timber harvesting operations will shut down until conditions improve.
- All saplings that are severely damaged or bent over during the harvest must cut down.
- Create approximately 20 brush piles for wildlife

Harvest Timeframe: Timber harvesting operations must be completed by **March 1st, 2021**. The strip of hardwoods lying at the northern boundary of the timber harvest contains a lot of oak trees, so **NO** timber harvest operations can occur in this area during oak wilt season, which is between April 15th and July 15th. Harvesting timber **during hunting season IS NOT** allowed, between November 13th and December 1st. Cleanup operations must be done within two months of the end of harvest operations, or as soon as weather conditions allow.

Hales Harvest, 20 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 Hales Log Harvest. I have read and agree to the specific work requirements as written in the timber sale invitation to bid.

Aspen	Logs	23 cords	\$ _____
Aspen	Bolts	20 cords	\$ _____
Red Pine	Bolts	97 cords	\$ _____
Mix Hardwood	Bolts	18 cords	\$ _____
White Spruce	Bolts	28 cords	\$ _____
Aspen	Pulp	61 cords	\$ _____
Mix Hardwood	Pulp	30 cords	\$ _____
Mix Conifer	Pulp	82 cords	\$ _____

TOTAL LUMP SUM BID \$ _____

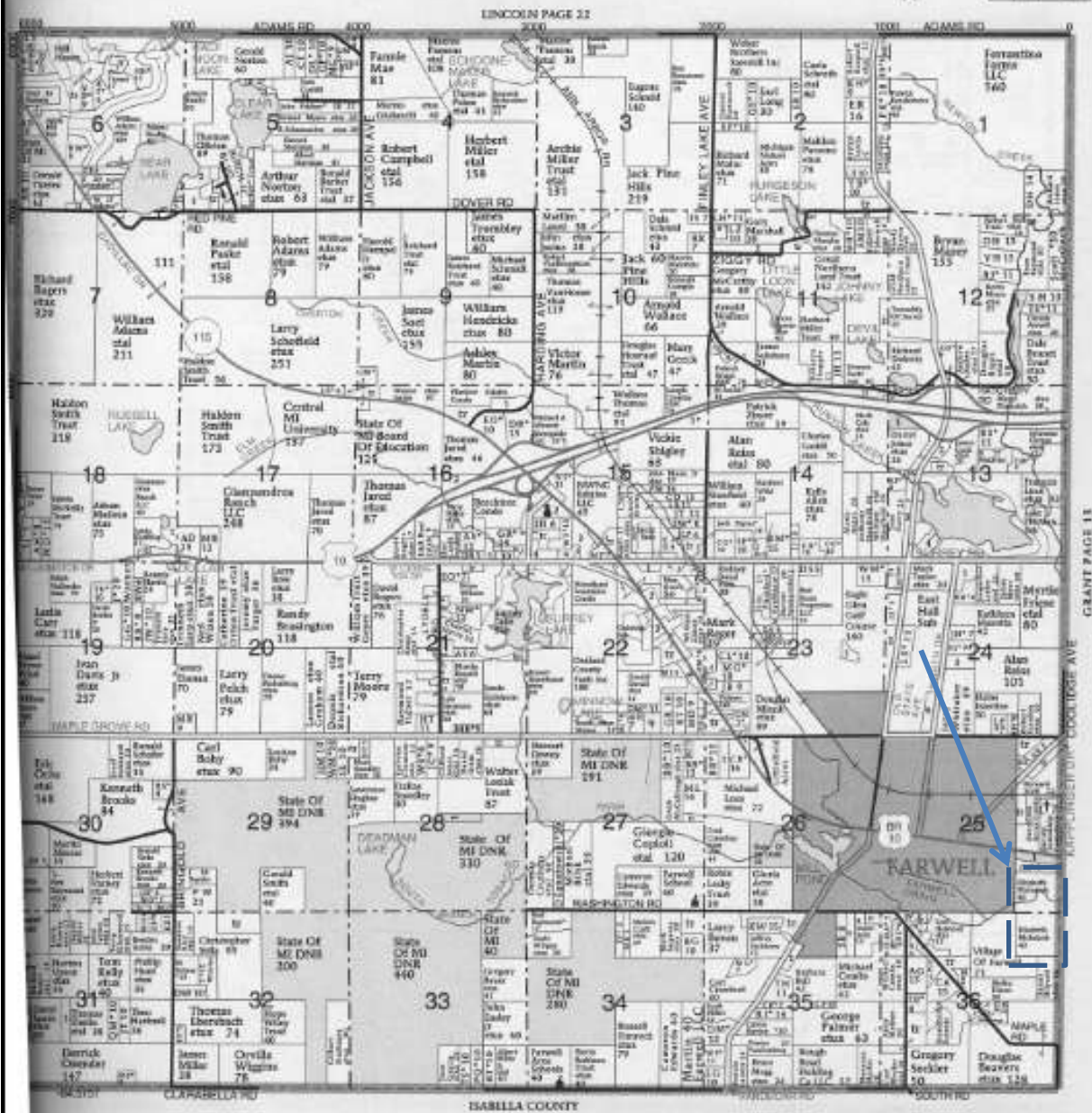
These bid prices are final and not subject to adjustment. Prospective bidders are urged to examine the timber sale before bidding. I understand that the estimated volume and grade of timber designated for cutting and removal is in no way guaranteed by the Seller or Metcalfe Forestry Co. I understand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

Bidder's name & signature: _____

Telephone # / fax #: _____

Bidder's mailing address: _____

Bidder's email: _____



GRANT PAGE 11

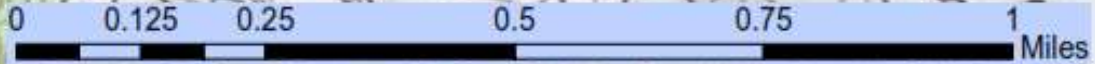
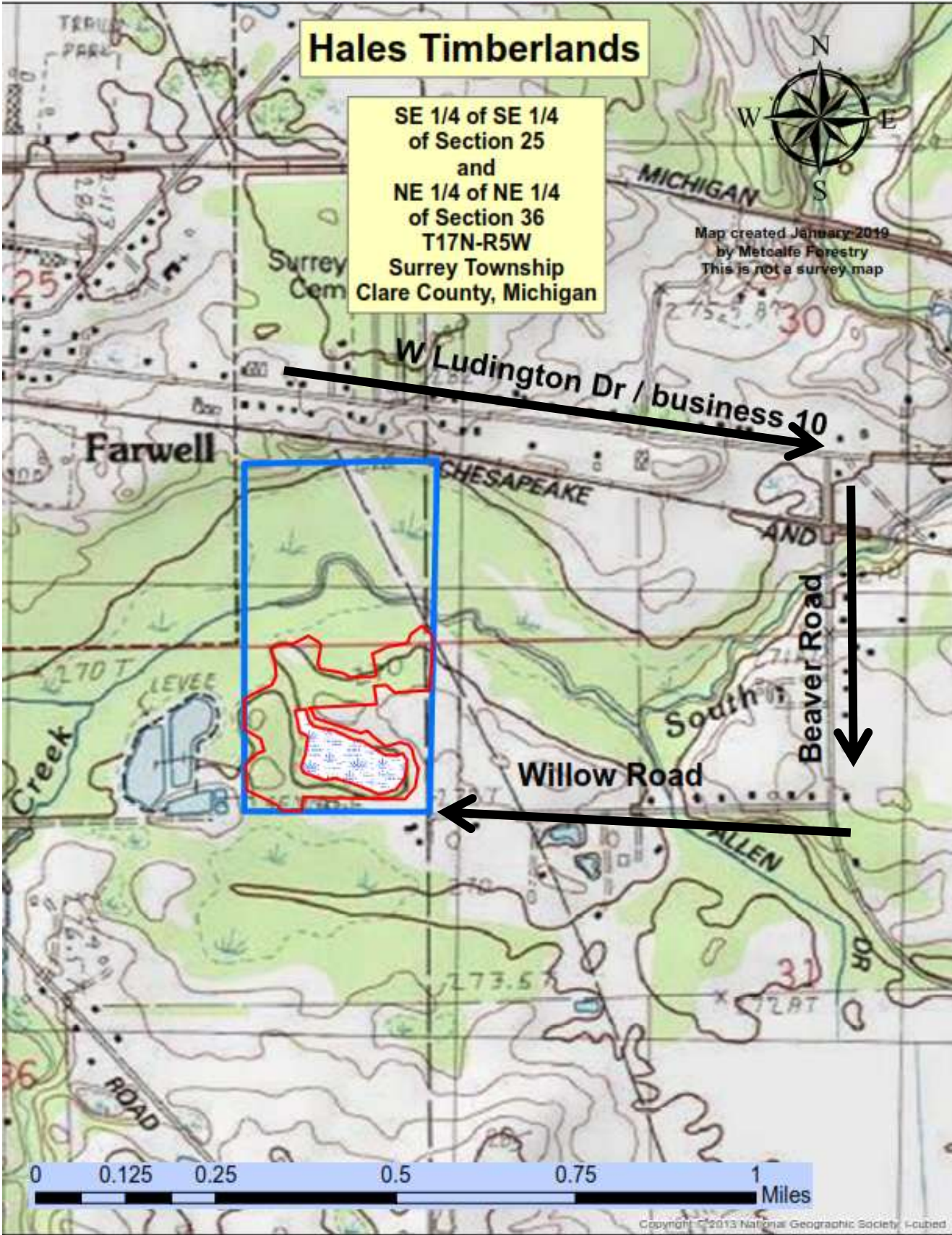
MICHIGAN STATE UNIVERSITY

Hales Timberlands

SE 1/4 of SE 1/4
of Section 25
and
NE 1/4 of NE 1/4
of Section 36
T17N-R5W
Surrey Township
Clare County, Michigan



Map created January 2019
by Metcalfe Forestry
This is not a survey map



Hales Timberlands

Legend

- structure
- Landing
- Landing
- wet_drain
- harvest_boundary_red
- nonmerch_wetland_red
- Red_pine
- prop_boundary

SE 1/4 of SE 1/4
of Section 25
and
NE 1/4 of NE 1/4
of Section 36
T17N-R5W
Surrey Township
Clare County, Michigan



Map created January 2019
by Metcalfe Forestry
This is not a survey map



0 170 340 680 1,020 1,360 Feet

Source: Data contributed by Metcalfe Forestry, Michigan Department of Natural Resources, USGS, USDA, ArcGIS, IGN, and the GIS User Community