

CONTRACTOR PRESCRIPTION

Isabella County, T15N R3W Section 24,25,35,36
Compartment 120, Stands 4,10,13,19,20,37,39,50,55,63,65,72,73,80,173
Midland County, T15N R2W Section 19
Compartment 107, Stand 1

Sale Name: BLM III
Sale Number: 004-03-01
Prescribed Acres 357 – Final Harvest

*****NOTE: This contract has two (2) bid items as designated below:

1. Bid Item #1 - linework & area determination on all stands except for private property lines.
2. Bid Item #2 – timber cruising on all stands.

DESCRIPTION OF TIMBER/TERRAIN: The terrain in these compartments is primarily flat to gently rolling with a few drier ridges and numerous lower, wetter swales. The timber in these stands consists mainly of low to fair quality big tooth aspen and red maple saw logs and poles with a small quantity of mixed oak, ash, and birch sawlogs and poles. Some of these stands are on high/dry ground and some are on ground which is seasonally wet. Access is a major problem during the spring due to the seasonal wetness of the terrain.

TREATMENT OBJECTIVES: Treatment objectives in all the stands are to regenerate these stands to aspen using a two inch cutting specification. All of these stands will need to be cut on dry or frozen ground during the dormant season in order to promote vigorous sprouting in the spring and minimize rutting.

BOUNDARIES AND AREA: The stand boundaries are shown on the attached timber sale map. Contractor work on this compartment may begin anytime after October 1, 2002. However, the private (blue) paint lines will not be finished by DNR staff until December 31, 2002. **Bid Item #1** - It will be the contractors' responsibility to paint in the rest of the sale boundaries using red paint, put in the unit boundaries as indicated on the map using yellow paint, and then determine the acreage of each stand or treatment unit using GPS units or hip chains. **Bid Item #2** – After timber sale boundary line work has been completed, the contractor will cruise all stands as outlined below.

ADDITIONAL INFORMATION: Some of these stands contain patches of hemlock and cedar. There will be an exception on the two inch cutting specification to NOT cut hemlock and cedar. Also, in Compartment 120 Stand 37, all oak and pine will be left for mast and diversity and in Compartment 107 Stand 1, the under-story of oak and beech will be left for mast and diversity. BMP's and visual aesthetics will need to be considered on the north line of Stand 20 along the banks of the South Branch of the Salt River. Extremely wet areas will need to be avoided and painted out of the sale units. See Gladwin FMU contact for additional details regarding stand parameters that may bear on boundary line placement and timber cruising. It will be the responsibility of the sale contractor to identify and protect any registered survey corners and witness trees not so identified and protected by DNR staff. See Gladwin FMU contact for details regarding protection of survey corners and witness trees.

CONTRACTOR'S TASKS FOR ALL STANDS (357 Acres Total):

1. Wildlife considerations are important. As they are encountered in fieldwork, mark some trees to leave that will make good habitat for wildlife, i.e. den trees, snags, etc. Use green tree marking paint. Each leave tree shall be marked on opposite sides with a paint mark that covers at least ¼ of the trees circumference. Stump mark these leave trees also.

2. Cruise all merchantable trees, using the point sampling method according to DNR-FMD cruising standards. Put in 1 sample point per acre. Determine residual basal area of merchantable leave trees while cruising.

ADDITIONAL CONTRACTOR'S TASKS:

1. Submit area determination in the appropriate form - GPS file or traverse computations and maps.
2. Prepare cruise data on approved forms for entry into the Timber Sale PC program.
3. Prepare a record of paint used for each stand.
4. Submit timber sale map and a map showing the approximate locations of cruise plots.
5. All the required data must be submitted in final form by April 15, 2003.

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