Contractor Deliverables

Contractor Deliverables to the MDNR Gwinn Field Office, Attn: Ethan Richmond, PS, 410 West M-35, Gwinn, MI 49841. Phone: 906-202-9007, e-mail: [richmonde2@michigan.gov](mailto:richmonde2@michigan.gov)

1. All survey information located at the Michigan Department of Natural Resources, Gwinn Field Office, is included with the attachments.
2. It is the vendors responsibility to do all additional research necessary to complete the project.
3. Copies of all additional research information gathered by the vendor shall be submitted to MDNR survey staff prior to starting the project.
4. Working AutoCAD Drawing will be provided Five (5) business days before final staking. Drawing shall indicate any conflicting evidence on the ground, a comparison of the historical record dimensions vs. modern measurements and any evidence of multiple monumentation. All government corners within any section where corners will be set will be tied and shown on the working drawing. This information will be included on final drawing.
5. Final Drawing:
6. Large format drawing for section retracement of existing DNR lands Contractor will provide Two (2) signed & stamped copies of the Final map.
7. AutoCAD file of final drawings.
8. Copy of field notes.
9. Minimum monumentation will be a stamped 2” Aluminum Cap on a 5/8” x 30” (or longer) iron rebar at all LCRC recorded boundary points. Stamping to included standard BLM corner marking per 2009 manual of instructions.
10. Copies of the recorded LCRC’s on all State Boundary Corners in the project area. Corners to be recorded are remonumented and/or rewitnessed government corners and all 1/16 corners used as control or as angle points in the boundary survey. All other corners of control shall have a minimum of two witnesses and shown on the final drawing. Blue Composite Posts will be added at a 1’ foot offset (or where convenient) on the state land at all State Boundary corners. If the corner falls in a traveled roadway the Composite Posts will be offset at an appropriate distance and recorded in the corner record. Survey caps and Composite Posts will be supplied by the Department of Natural Resources. All witness trees will blazed and painted.
11. Locations of wood lath or posts placed on State Boundary lines if required.
12. State plane coordinate file CSV format – With Point name, Northing, Easting, Elev, Description.
13. Lat long coordinate file in CSV format – With Point name, Latitude, Longitude, Height, Description.
14. Printed coordinate file.

SEE ATTACHED Standards and Exhibits for additional information

1. Standards
2. Cadastral Exhibit Vicinity Map
3. Cadastral Exhibit Job Hazard Assessment
4. Cadastral Exhibit Signs
5. Cadastral Exhibit Bearing Tree Standards
6. Cadastral Exhibit Posting
7. Cadastral Exhibit Bearing Tree durability guidance
8. Cadastral Exhibit Notification Letter
9. Cadastral Exhibit Survey Map example
10. Cadastral Exhibit Land Corner Recordation Certificate sample
11. Cadastral Exhibit Field notes sample
12. Cadastral Exhibit GNSS Accuracy Standards