Statement of Work

Hiawatha NF, 2023 Boundary Surveys

**GNA-Hiawatha-FY23-Project #2**

1. GOVERNMENT REPRESENTATIVE AND SUBMITTAL: Please review the Statement of Work below, along with the attached maps and respond with a Cost Estimate for ***each project***. Also, please note the Delivery Date in Section G below, and if you believe it should be adjusted, explain your rationale. We request this information by close of business on **7/27/2023**. Send this to the Contracting Officers Representative (COR): Jeremy Pipp by email (preferred .pdf or .docx file) at pippj@michigan.gov . The Contractor may request a clarification/scoping meeting (or conference call) to better define the project before preparing the submittal. The work on this project must be done according to the specifications of the contract that was previously provided; pertinent paragraphs contained therein should be carefully examined before this proposal is submitted.
2. PURPOSE: The purpose of this survey is to delineate the common boundary between National Forest and private land for upcoming management activities. This project will be named the **“GNA-Hiawatha-FY23-Project #2”.**
3. PROJECT AREA: This project consists of one Project Area (shown on the attached map), located in Mackinac County, Michigan, more particularly described as:

Project Area #2: T42NR05W Sections 24, 35, 36, Mackinac County

CONTROL

Most of the controlling corners are monumented. See attached maps for more information. Most corners have either been through the Remonumentation Program, or found and recorded by the USFS in the 1970s to 1990’s.

ACCESS

Most of the project area has a good network of forest roads. See the project map for further details. While the quality of many of these roads is unknown, they should provide adequate access to large portions of the projects.

SURVEY RECORDS

All survey records research is the contractor’s responsibility. The Forest Service will provide all records they have on file after award of the contract.

1. ITEMS OF WORK:
* All 1/16th corners use the County Remonumentation Corner Code system

**GNA-Hiawatha-FY23-Project #2:** **T42NR05W Sections 24, 35, 36, Mackinac County –** Items of Work will include;

*Item 2* - Control Corner Measurement (30 total, also the centerline of M123 to determine its 75 foot southerly offset on the east line of section 24 AND the centerline of the railroad near M123 to determine its 50 foot northerly offset on the east line of section 24 AND the centerline of Greene Road to determine its 33 foot southerly offset on the east line of section 24 (near the NE corner) AND the centerline of Worth Road to determine its 33 foot southerly offset on the north line of section 24 (near the NW corner) AND the centerline of Black Point Road in 3 areas to determine its 33 foot westerly offset on the east line of section 24 and east line of section 36 AND the centerline of Dukes Road in 2 areas to determine its 33 foot offsets on the E-W centerline of section 36. These areas are all identified on the Project 2 map and in the Monumentation of Minor Sub Corners in 3C below.)

**Section 24:**  N1/4, S1/4, E1/4, W1/4, NW, NE, SE, C1/4 (8 corners)

**Section 35:**  NE, MC on north line, MC on east line (northerly MC) (3 corners)

**Section 36:**  N1/4, S1/4, E1/4, NW (duplicate), NE, SE, C1/4, MC on west line (duplicate), SMC on E-W centerline of Brevort Lake, #1, #5, #6, 12, #13, #14, 6 deed corners around Small Tracts Act (STA) parcels (see survey and ownership) near the C-S1/16th and on south line of the NW1/4SE1/4 (19 corners)

*Item 3B* – Monumentation of Section Subdivisional Corners (4 total):

**Section 24:** 1/16th corners – 12, 14 (2 corners)

**Section 36:** 1/16th corners – 4, 9 (2 corners)

*Item 3C* – Monumentation of Minor Sub Corners (13 total):

**Section 24:** 75 foot southerly offset of M123 with the intersection of the east line of the section AND the 50 foot northerly offset of the railroad with the intersection of the east line of the section AND the 33 foot southerly offset of Greene Road with the intersection of the east line of the section (near the NE corner) AND the 33 foot southerly offset of Worth Road with the intersection of the west line of the section (near the NW corner) AND the 33 foot westerly offset of Black Point Road with the intersection of the east line of the section (near the S1/16th) (5 corners)

**Section 36:** C-S-S-SE 1/256th, S-S-S 1/256th on east section line (deed corners to determine the N1/2S1/2SE1/4SE1/4, see deed) AND the 33 foot westerly offsets of Black Point Road (2 areas) with the intersections of the east line of the section (near the S1/16th and near the deed corner north of the SE corner) AND the 33 foot northerly and southerly offsets of Dukes Road with the intersections of the N-S centerline of the section and the N-S centerlines of the NE1/4 and SE1/4 (8 corners)

*Item 5* – Corner Maintenance (30 total): All described above in Item 2 **(The 1 Controlling SMC on Brevort Lake and the 6 Controlling STA deed corners in the area near the C-S1/16th and south line of the NW1/4SE1/4 of section 36 will be field maintained, BTs, etc., but will NOT need LCRC’s prepared, as it is not typical for Minor Sub Corners)**

*Item 6 and 7* – Property Line Measurement and Property Line Posting (5.15 miles total):

**Section 24:** NE to E1/4 (0.5 mile) AND NW to W1/4 (0.5 mile) AND C1/4 to 12 to 14 (0.75 mile) (1.75 miles total)

**Section 35:** NE to MC (0.17 mile)

**Section 36:** NW to 1 to 4 to 5 to 6 to 9 to 13 to 14 (1.75 miles) AND N1/4 to 5 to C1/4 to 6 corners around STA parcels to 13 to C-S-S-SE 1/256th to S-S-S 1/256th (1.48 miles) (3.23 miles total)

*Item 9A and 9B* – Certificate of Survey (1 total), Additional Certificate of Survey (1 total)

 D: Items of Work (summary total):

**GNA-Hiawatha-FY23-Project #2:** **T42NR05W Sections 24, 35, 36, Mackinac County**

Control Measurement 30 corners

Monumentation of Section Subdivisional Corners 4 corners

Monumentation of Minor Subdivisional Corners 13 corners

Corner Maintenance 30 corners

Property Line Measurement & Posting 5.15 miles

Certificate of Survey 1 each

Additional Certificate of Survey 1 each

E. Notification letters to adjoining private land owners must be sent prior to commencing field work in the interior of sections.

F. ENCROACHMENTS: The extent of any encroachments discovered shall be brought to the attention of the Contracting Officers Representative upon confirmation by the property line survey.

G. DELIVERY DATE: The final project submission delivery date is negotiable, but anticipated to be: **06/01/2024**

Attachments: -Project maps

Jeremy Pipp PS 50447

Michigan Department of Natural Resources & Contracting Officers Representative (COR)

5-23-2023