Statement of Work

Ottawa NF, 2023 Boundary Surveys

**GNA-Ottawa-FY23-Project #5**

1. GOVERNMENT REPRESENTATIVE AND SUBMITTAL: Please review the Statement of Work below, along with the attached maps and respond with a **not-to-exceed Quotation** 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 **07/27/2023**. 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-Ottawa-FY23-Project #5”.**
3. PROJECT AREA: This project consists of one Project Area (shown on the attached map), located in Iron County, Michigan, more particularly described as:

GNA-Ottawa-FY23-Project #5: T45NR37W Section 31, 32, Iron County

CONTROL

All controlling corners in all projects have record of being monumented. See attached maps for what corners need to be monumented. All corners have been through the Remonumentation Program, and/or found and recorded by the USFS in the 1960s to 1990’s.

ACCESS

Most of the project area has a good network of forest roads. See the project maps 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-Ottawa-FY23-Project #5:** **T45NR37W Section 31, 32 –** Items of Work will include;

*Item 2* - Control Corner Measurement (13 total) **(Also need sufficient control on portions of the centerlines of Old US2 and the old railroad grade in order to set appropriate ROW corners)**:

**Section 31:**  N1/4, S1/4, E1/4, W1/4, NE, SE, NW, #3, #10 (9 corners)

**Section 32:**  N1/4, S1/4, E1/4, W1/4 (duplicate), SW (duplicate), NW (duplicate), #15 (4 corners)

*Item 3B* – Monumentation of Section Subdivisional Corners (7 total):

**Section 31:** C1/4 and 1/16th corners – 1, 4, 5, 8, 12 (6 corners)

**Section 32:** 1/16th corners – 11 (1 corner)

*Item 3C* – Monumentation of Minor Sub Corners (16 total) **(All of these corners except the two corners in Section 32 DO NOT need accessories, as they are all ROW corners and just need to comply with P.A. 132 of 1970, as amended)**:

**Section 31:** ROW corner at 33’ offset at west side of Old US2 on the south line of the NWSW, ROW corner at 33’ offset at east side of Old US2 on the south line of the NWSW, ROW corner at 33’ offset at north side of Old US2 on the west line of the SWSE, ROW corner at 33’ offset at south side of Old US2 on the west line of the SWSE, ROW corner at 50’ offset at west side of old railroad grade on the north line of the section, ROW corner at 50’ offset at east side of old railroad grade on the north line of the section, ROW corner at 50’ offset at west side of old railroad grade on the south line of the NWNE, ROW corner at 50’ offset at east side of old railroad grade on the south line of the NWNE, ROW corner at 50’ offset at north side of old railroad grade on the west line of the NWNE, ROW corner at 50’ offset at south side of old railroad grade on the west line of the NWNE, ROW corner at 50’ offset at west side of old railroad grade on the south line of the SENE, ROW corner at 50’ offset at east side of old railroad grade on the south line of the SENE, ROW corner at 50’ offset at north side of old railroad grade on the west line of the SENE, ROW corner at 50’ offset at south side of old railroad grade on the west line of the SENE (14 corners)

**Section 32:** Point on shoreline west of the C-S1/16th in Johnson Lake, Point on shoreline south of the C-S1/16th in Johnson Lake (2 corners)

*Item 5* – Corner Maintenance (5 total):

**Section 31:** S1/4, SE, #3, #10 (4 corners)

**Section 32:** #15 (1 corner)

*Item 6 and 7* – Property Line Measurement and Property Line Posting (4.08 miles total):

**Section 31:** S1/4 to 12 to 10 (0.75 mile) AND 1 to 4 to 8 to C1/4 to 5 to 4 to 3 (1.5 miles) AND ROW corner at 50’ offset at west side of old railroad grade on the north line of the section to ROW corner at 50’ offset at south side of old railroad grade on the west line of the NWNE to ROW corner at 50’ offset at west side of old railroad grade on the south line of the NWNE to ROW corner at 50’ offset at east side of old railroad grade on the south line of the NWNE to ROW corner at 50’ offset at north side of old railroad grade on the west line of the NWNE to N1/4 to ROW corner at 50’ offset at east side of old railroad grade on the north line of the section (0.92 miles) AND ROW corner at 50’ offset at west side of old railroad grade on the south line of the SENE to ROW corner at 50’ offset at east side of old railroad grade on the south line of the SENE to ROW corner at 50’ offset at north side of old railroad grade on the west line of the SENE to ROW corner at 50’ offset at south side of old railroad grade on the west line of the SENE to ROW corner at 50’ offset at west side of old railroad grade on the south line of the SENE (0.25 mile)

**Section 32:** S1/4 to Point on shoreline south of the C-S1/16th in Johnson Lake (0.20 mile) AND 15 to 11 to Point on shoreline west of the C-S1/16th in Johnson Lake (0.46 mile)

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

 D: Items of Work (summary total):

**GNA-Ottawa-FY23-Project #5:** **T45NR37W Section 31, 32**

Control Measurement 13 corners

Monumentation of Section Subdivisional Corners 7 corners

 Monumentation of Minor Subdivisional Corners 16 corners

Corner Maintenance 5 corners

Property Line Measurement & Posting 4.08 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

 -USFS Specifications

 -Exhibits

 -State of Michigan Terms and Conditions

Jeremy Pipp PS 50447

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

5-23-2023