Statement of Work

Manistee NF, 2024 Boundary Surveys

**GNA-Manistee-FY24-GNA Beech Road TS**

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 this project. Also, please note the Delivery Date in Section G below. We request this information by close of business on JANUARY 31st, 2024. Send this to the Contracting Officers Representative (COR): Matthew Dontz by email (preferred .pdf or .docx file) at dontzm@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-Manistee-FY24 – GNA Beech Road TS”.**
3. PROJECT AREA: This project consists of Four (4) Project Areas (shown on the attached map), located in Mecosta and Newago Counties, Michigan, more particularly described as:

Project Area 1: GNA Beech Road TS: T14NR10W Sections 16 & 21, Mecosta County, Michigan

Project Area 2: GNA Beech Road TS: T14NR11W Sections 1, 2, & 11, Newago County, Michigan

Project Area 3: GNA Beech Road TS: T15NR10W Section 32, Mecosta County, Michigan

Project Area 4: GNA Beech Road TS: T15NR11W Sections 12, 13, 23, 25, & 26, Newago County, Michigan

 CONTROL

T14NR10W Sections 16 & 21, Mecosta County – USFS did not have much record of corners or surveys in these two sections. More research needs to be done with local surveyors and courthouse records. Online Remon records (see attached index and LCRCs) have a good part of the corners in both sections approved. T14NR11W Sections 1, 2, & 11, Newago County - USFS did not have much record of corners in these three sections. Some record of old notes, section breaks, maps and some county surveyor notes. More research needs to be done with local surveyors and courthouse records. Online Remon records (see attached index and LCRCs) have a good part of the corners in these sections approved. T15NR10W Section 32, Mecosta County – USFS records had some corner record cards, section break and some other records of section 32. Online Remon records (see attached index and LCRCs) have all corners approved other than NE and NW section corners. T15NR11W Sections 12, 13, 23, 25, & 26, Newago County – USFS records have ample amounts of information in these sections. Online Remon has the majority of the corners approved. Control has been established and provided for the maintenance in sections 23 & 26. Additional research should still be done at courthouse and local surveyor records.

 ACCESS

Access is most of the sections in these four townships is fairly good with lots of county road access for section work and quarterline work. It will be a bit challenging in sections 16 & 21 of T14N,R10W with having the Muskegon River running through both sections. Not as many county roads in sections 13, 23, 24, 25, & 26, T15N,R11W but a fair amount of USFS roads and 2-track trail roads interior in the sections.

SURVEY RECORDS

Attached, please find the records that have been made available to the Michigan DNR for this project. It is anticipated that additional research and additional records maybe available from other sources. All survey records research is the contractor’s responsibility. These are most of the records from the USFS office in Cadillac but it is highly recommended that additional research be done there along with research from the Mecosta and Newago County Register of Deeds and Equalization and it is highly recommended that records be requested from the Mecosta and Newago County Surveyors or Representatives.

1. ITEMS OF WORK:

 **LEGAL DESCRIPTIONS:**

T14N, R10W:

**Section 16**: W. 40 acres Gov. Lot 5, W ½ SW.

**Section 21**: W. 40 acres Gov. Lot 2, N. 40 acres Gov. Lot 3, SE NW.

 T14N, R11W:

**Section 1**: NW.

**Section 2**: S ½ SE.

**Section 11**: W ½ SE, NE SW, S ½ SE SE SW, W ½ SE SW, SW SW, SE NW.

T15N, R10W:

**Section 32**: W ½ SE, NE SW, S ½ SW.

T15N, R11W:

**Section 12**: N ½ NW except 1.0 acre described at L612 P336.

**Section 13**: W ½ SE, SW.

**Section 25**: NE, NW SE, N ½ NW.

**NOTE:** Not all deeds are available in Forest Service records. Missing deeds will need to be copied from county records. All roads and utilities under permit or easement shall be tied and shown on survey where they cross section and NFS property lines. All encroachments on NFS lands shall be tied and shown on survey.

**Contact USFS Survey staff to obtain land title and other records relevant to each project listed.**

 **Project Area 1:**

**GNA Beech Road TS:** **T14NR10W Sections 16 & 21 –** Items of Work will

 include;

*Item 2* - Control Corner Measurement (10 total) (NOTE: common corners between sections are NOT counted twice)

**Section 16:** 06

**Section 21:** 04

*Item 3B* – Monumentation of Section Subdivisional Corners (1-2 total):

**Sections 16 & 21:** 1/16th corners, 1/64th corners, misc. corners (12 total) – See map.

*Item 6 and 7* – Property Line Measurement and Property Line Posting (3.50 miles total):

**Section 16:**  1.20 miles

**Section 21:**  2.30 miles

*Item 8* - Property Line Re-Mark & Posting (0.00 miles total) see map.

 Corner Maintenance (0 possible corners)

**Section 20:**  0.00 miles

**Section 21:**  0.00 miles

*Item 9A and 9B* – Certificate of Survey (2 total) 1 per each section.

**Project Area 2:**

**GNA Beech Road TS:** **T14NR11W Sections 1, 2, & 11 –** Items of Work will

 include;

*Item 2* - Control Corner Measurement (15 total) (NOTE: common corners between sections are NOT counted twice)

**Section 01:** 06

**Section 02:** 03

**Section 11:** 06

*Item 3B* – Monumentation of Section Subdivisional Corners (0-1 total):

**Sections 01, 02, & 11:** 1/16th corners, 1/64th corners, misc. corners (14 total) – See map.

*Item 6 and 7* – Property Line Measurement and Property Line Posting (5.25 miles total):

**Section 01:**  1.00 miles

**Section 02:**  0.75 miles

**Section 11:**  3.50 miles

*Item 8* - Property Line Re-Mark & Posting (0.00 miles total) see map.

 Corner Maintenance (0 possible corners)

**Section 01:**  0.00 miles

**Section 02:**  0.00 miles

**Section 11:**  0.00 miles

*Item 9A and 9B* – Certificate of Survey (3 total) 1 per each section.

**Project Area 3:**

**GNA Beech Road TS:** **T15NR10W Section 32 –** Items of Work will

 include;

*Item 2* - Control Corner Measurement (08 total) (NOTE: common corners between sections are NOT counted twice)

**Section 32:** 08

*Item 3B* – Monumentation of Section Subdivisional Corners (0 - total):

**Sections 32:** 1/16th corners, 1/64th corners, misc. corners (04 total) – See map.

*Item 6 and 7* – Property Line Measurement and Property Line Posting (1.50 miles total):

**Section 32:**  1.50 miles

*Item 8* - Property Line Re-Mark & Posting (0.00 miles total) see map.

 Corner Maintenance (0 possible corners)

**Section 32:**  0.00 miles

**Project Area 4:**

**GNA Beech Road TS:** **T15NR11W Sections 12, 13, 23, 25, & 26 –** Items of Work will

 include;

*Item 2* - Control Corner Measurement (20 total) (NOTE: common corners between sections are NOT counted twice)

**Section 12:** 05

**Section 13:** 05

**Section 23:** 02

**Section 25:** 07

**Section 26:** 01

*Item 3B* – Monumentation of Section Subdivisional Corners (0 total):

**Sections 12, 13, 23, 25, & 26:** 1/16th corners, 1/64th corners, misc. corners (11 total) – See map.

*Item 6 and 7* – Property Line Measurement and Property Line Posting (5.25 miles total):

**Section 12:** 0.75 miles

**Section 13:** 2.00 miles

**Section 23:**  0.00 miles

**Section 25:** 2.00 miles

**Section 26:** 0.00 miles

*Item 8* - Property Line Re-Mark & Posting (1.50 miles total) see map.

 Corner Maintenance (0 possible corners)

**Section 12:** 0.00 miles

**Section 13:** 0.00 miles

**Section 23:** 1.00 miles

**Section 25:** 0.00 miles

**Section 26:** 0.50 miles

*Item 9A and 9B* – Certificate of Survey (3 total) 1 per each section.

E. Notification letters to adjoining private landowners 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: **07/31/2024**

Attachments: -Project maps

 -USFS Specifications

 -Exhibits

 -State of Michigan Terms and Conditions

Matthew S. Dontz PS 4001056128

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

01-02-2024