AMENDMENT TO AGREEMENT

Amendment dated February 26, 2020

The Agreement for Professional Services (Agreement) made as of April 12, 2017, between McHenry County, Illinois (OWNER) and Ayres Associates Inc, 5201 East Terrace Drive, Suite 200, Madison, Wisconsin, (CONSULTANT) is hereby amended as set forth below. All other terms and conditions of the Agreement remain in full force and effect.

1. SERVICES

Change in Scope of Services

A. Obtain digital aerial imagery during the spring of 2017, spring of 2018, and spring of 2020 using a calibrated digital photogrammetric camera. The imagery will be collected during leaf-off and snow free conditions. Aerial imagery will be suitable for the production of 4-band (RGBN) orthoimagery at 3-inch ground pixel resolution. Aerial imagery will be planned and collected with full stereo-coverage, 30% sidelap and 60% forward overlap (+/- 5%). The McHenry County project area is 713 square miles, which is county-wide with a 1 mile buffer. See Attachment A for a map of the project area.

E. Final deliverable products to the County will include:

2017 Orthoimagery Deliverables:
- 3-inch, 4-band orthoimagery tiles in uncompressed GeoTIFF format.
- 3-inch, 4-band orthoimagery tiles in compressed MrSID format.
- 3-inch, 4-band orthoimagery project wide mosaic in compressed MrSID format.
- 20 raw and unprocessed aerial image samples
- Flight lines and images centers in ESRI shapefile format
- Ground control locations in ASCII format
- Aerotriangulation report
- Camera calibration certificate
- FGDC compliant metadata
- Tile schematic in ESRI shapefile format

2018 Orthoimagery Deliverables:
- 3-inch, 4-band orthoimagery tiles in uncompressed GeoTIFF format.
- 3-inch, 4-band orthoimagery tiles in compressed MrSID format.
- 3-inch, 4-band orthoimagery project wide mosaic in compressed MrSID format.
- 20 raw and unprocessed aerial image samples
- Flight lines and images centers in ESRI shapefile format
- Ground control locations in ASCII format
- Aerotriangulation report
- Camera calibration certificate
- FGDC compliant metadata
- Tile schematic in ESRI shapefile format
2020 Orthoimagery Deliverables:

- 3-inch, 4-band orthoimagery tiles in uncompressed GeoTIFF format.
- 3-inch, 4-band orthoimagery tiles in compressed MrSID format.
- 3-inch, 4-band orthoimagery project wide mosaic in compressed MrSID format.
- 20 raw and unprocessed aerial image samples
- Flight lines and images centers in ESRI shapefile format
- Ground control locations in ASCII format
- Aerotriangulation report
- Camera calibration certificate
- FGDC compliant metadata
- Tile schematic in ESRI shapefile format

F. Implement cloud-based data hosting services.
   a. Provide web-based links to the following cloud-hosted datasets:
      i. 2017 countywide orthoimagery tiles (.tif) until March of 2020
      ii. 2018 countywide orthoimagery tiles (.tif) until June 2021
      iii. 2020 Countywide orthoimagery tiles (.tif) until June 2022
   b. Maintain and manage account directly with cloud-hosting service provider on behalf of OWNER
   c. Pay monthly service fees to cloud-hosting service Provider on behalf of OWNER

4. PERIODS OF SERVICE

B. The services called for in Section 1 will be completed and submitted according to the following schedule:

2017 Project Schedule
- Aerial acquisition of digital imagery: Spring 2017
- Pilot ortho tiles processed and delivered for OWNER review: July 2017
- Orthoimagery GeoTIFF tiles delivered: October 2017
- Compressed Orthoimagery MrSID tiles and mosaics delivered: 30 days after acceptance of the GeoTIFF tiles by OWNER

2018 Project Schedule
- Aerial acquisition of digital imagery: Spring 2018
- Pilot ortho tiles processed and delivered for OWNER review: July 2018
- Orthoimagery GeoTIFF tiles delivered: October 2018
- Compressed Orthoimagery MrSID tiles and mosaics delivered: 30 days after acceptance of the GeoTIFF tiles by OWNER

2020 Project Schedule
- Aerial acquisition of digital imagery: Spring 2020
- Pilot ortho tiles processed and delivered for OWNER review: August 2020
- Orthoimagery GeoTIFF tiles delivered: December 2020
- Compressed Orthoimagery MrSID tiles and mosaics delivered: 30 days after acceptance of the GeoTIFF tiles by OWNER
6. FEES AND PAYMENT TERMS

The County shall compensate the contractor for services included in Section 1 in the amount not to exceed $298,576.76:

Payments
2017 Aerial Imagery acquisition & 3-inch orthoimagery: $63,346.76
2018 Aerial Imagery acquisition & 3-inch orthoimagery: $78,580.00
Implement cloud-based data hosting services: $19,350.00
2020 Aerial Imagery acquisition & 3-inch orthoimagery: $137,300.00

In Witness Whereof, the parties hereto have made and executed this Amendment to Agreement as of the day and year first written above.

McHenry County, Illinois

______________________________ (Signature)  Ayres Associates Inc
OWNER

______________________________ (Typed Name)  Jason Krueger

______________________________ (Title)  Manager

______________________________ (Date)  

CONSULTANT