

# Statement of Work

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## **KUCERA** INTERNATIONAL INCORPORATED

AERIAL PHOTOGRAPHY - DIGITAL PHOTOGRAMMETRY - GIS SERVICES

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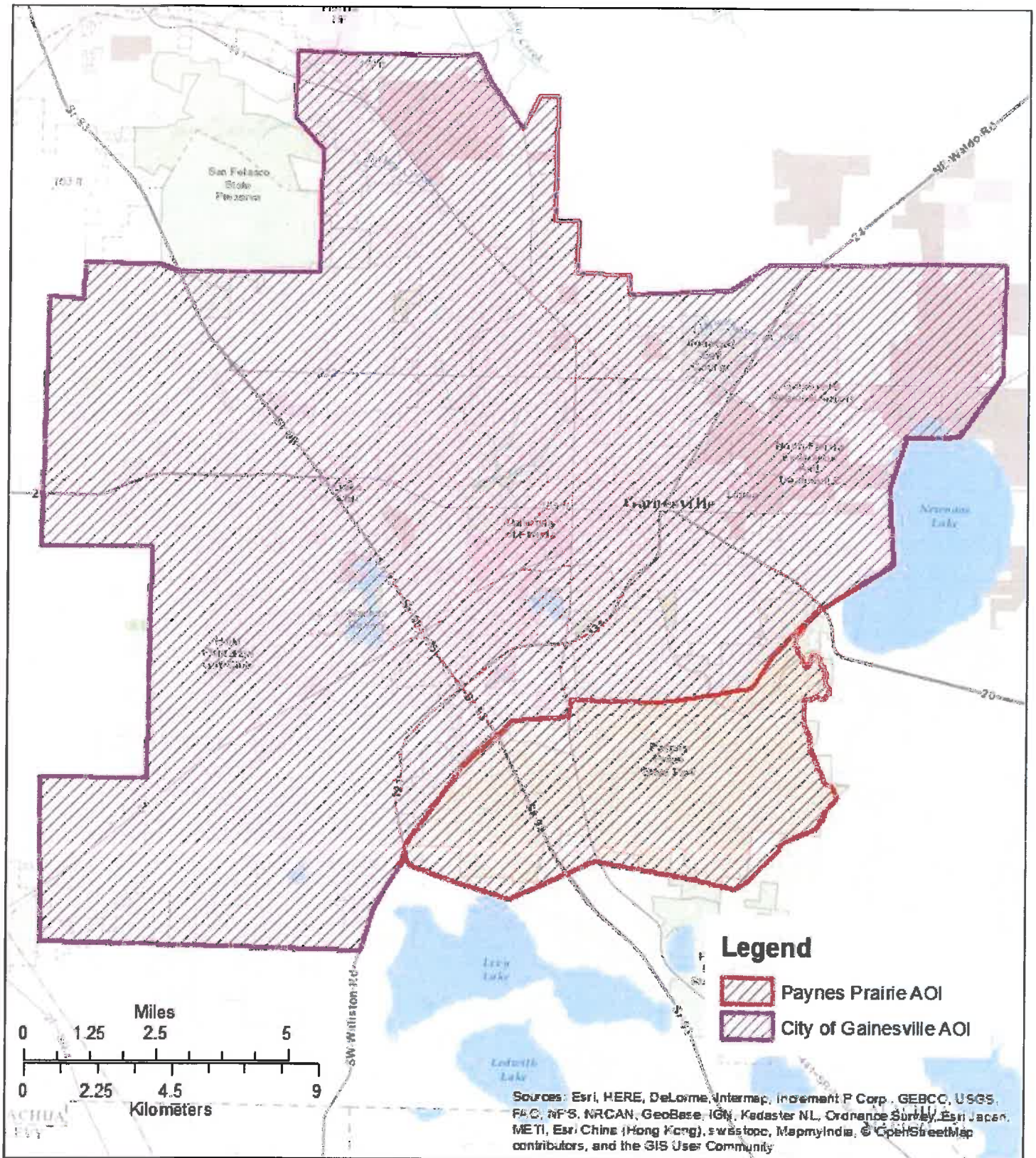
The scope of work is to acquire Aerial Light Detection and Ranging Imaging (LiDAR) Mapping covering approximately 203 square miles as outlined in the attached Area of Interest Map. The aerial LiDAR mapping is being performed as specified in the Florida Department of Revenue (FL DOR) Contract number P0121.

This scope of work will comply with the modification/additions as outlined below:

- 1.) Consultant will perform an aerial LiDAR flyover of the designated approximately 203 square miles with LiDAR return capture at 8 ppsm.
- 2.) Vertically well-defined control points (approximately 20) and accuracy check points (approximately 30) will be identified and field surveyed. The vertical georeferencing and accuracy of the lidar-derived digital elevation model (DEM) will be determined using these points and other field surveyed points as available in the area of interest) as specified in the FGDC - "Geospatial Positioning Accuracy Standards, Part 3: National Standard for Spatial Data Accuracy".
- 3.) The LiDAR return will be georeferenced to airborne GPS/IMU measurements from the LiDAR system combined with OPS-surveyed XYZ ground locations and delivered as a georeferenced point cloud in LAS format.
- 4.) The final data will be delivered in compliance with naming convention, in formats, and in tiling schema as specified in the Attachment A of the FL DOR contract number P0121 (as attached). The delivered data will be clipped on the City of Gainesville and District AOI boundaries with small (approximately 200 feet) buffer and the delivery will not include full tiles at the boundary peripheries.
- 5.) All contract work will be completed no later than April 30, 2017.
- 6.) The Consultant fees for the above described services will be as follow:

1.) Acquisition of LiDAR data, 2.) Field Survey - 50 vertically well defined control and check points, 3.) Georeferencing of the lidar return with delivery of LAS point cloud	
<b>TOTAL</b>	<b>\$45,000.00</b>

# AREA OF INTEREST (AOI) MAP



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