



EFS GeoTechnologies  
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EFS GeoTechnologies aerial photography agreement for Jonesboro:  
(Prices include local taxes)

City of Jonesboro at 3" resolution: \$25,000.00  
(City boundary plus a .5-mile buffer)

We appreciate the opportunity to present this agreement. If the specifications are suitable, please sign and return the agreement. Please let us know if you have any questions and thank you.

Best Regards,

A handwritten signature in black ink that reads "James Hartshorn".

James Hartshorn, President  
EFS GeoTechnologies

\_\_\_\_\_  
Craig Light, City Engineer  
Date: \_\_\_\_\_

\_\_\_\_\_  
Harold Copenhaver, Mayor  
Date: \_\_\_\_\_

### Specifications for High Resolution Aerial Photography

- A. All aerial photography is to be collected in natural color (RGB – red, green and blue).
- B. The aerial photography is to be collected during the winter of 2023 while the hardwood trees are fully defoliated. All data will be collected when the sun angle is higher than 30° above the horizon. Shadows will be long as the sun angle is low during the winter months.
- C. The ground sample distance for data collected will be six inches per image pixel (GSD of 0.5 foot) or three inches per image pixel (GSD of 0.25 foot). The horizontal accuracy of the six (6) inch data will be approximately three feet (CE 90) or less. The horizontal accuracy of the three (3) inch data will be approximately 1.5 feet (CE 90) or less.
- D. All flight lines will be oriented North and South or East and West.
- E. All aerial photography will be collected in stereo coverage with side lap averaging 30% and end lap averaging 60%.
- F. All aerial photography will be orthorectified and stitched together to form seamless digital mosaics. The individual mosaics will be subset to the coverage flown, and the individual mosaics will be named to a custom tiling scheme.
- G. All aerial photography will be projected UTM, NAD 83, Zone 15, Meters unless otherwise specified.
- H. All aerial photography will be delivered in Geo Tiff format and JPEG 2000 compressed format at a 20:1 ratio. Aerial photography will be available for download via the cloud. Typically, aerial photography will be delivered and ready to use within six (6) months from acquisition.
- I. All aerial photography will be orthorectified using auto triangulation and self-extracted digital elevation dataset.
- J. Steps will be taken to minimize the effects of haze in the data. Clouds, cloud shadows, smoke or snow will not be visible in more than 5% of the data.