

October 30, 2013

Joshua Bettis, City Surveyor
Engineering Department
P.O. Box 1845
307 Vine Street
Jonesboro, AR 72401

Dear Mr. Bettis,

By way of this document and attachments EFS GeoTechnologies would like to submit a proposal for the collection of aerial photography for Jonesboro, Arkansas during the winter of 2013-2014. We have attached a flight layout for Jonesboro showing the city and the coverage that would be provided. The specifications for the project as we understand them are as follows.

Digital Aerial Photography Proposal

- 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 2013-2014 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 at six inches per image pixel (GSD of 6 inches) will have a horizontal accuracy of approximately two feet (.61 meter CE 90) or better. Please see attached PDF for coverage. (If survey grade ground control points are provided within the city, horizontal accuracy can be improved to 1.0 foot accuracy or better.)
- D. All flight lines will be oriented North and South or East and West.
- E. All aerial photography collected will be 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 a custom tiling scheme as agree upon.

- G. All aerial photography will be projected State Plane, NAD 83, Arkansas North unless otherwise specified.
- H. All aerial photography will be delivered in Tiff format and ECW compressed format on USB hard drive. Typically aerial photography will be delivered and ready to use within six months from acquisition. More rapid turnaround times may be negotiated on a case by case basis.
- I. All aerial photography will be orthorectified using a digital elevation set generated from LiDAR which will be supplied by the city of Jonesboro.
- J. Steps will be taken to minimize the effects of haze in the data. No clouds, cloud shadows, smoke or snow will be visible in the data.
- K. The Arkansas Geographic Information Office has indicated that they will provide an independent third party quality control check of the data if the data will be available for public access. Public access means the availability and distribution of data using various means including GeoStor.

EFS GeoTechnologies proposal for the project described above is:

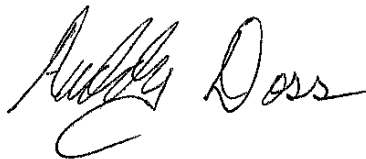
Aerial Photography

Jonesboro (With Buffer) - Six Inch Coverage:

\$35,942.00

We appreciate the opportunity to present this proposal for your consideration. If you have any questions please do not hesitate to contact us.

Best Regards,



Auddy Doss, SIS
EFS GeoTechnologies

