



EFS GeoTechnologies
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October 13, 2010

Mr. Craig Light, P.E.
City Of Jonesboro, Arkansas
307 Vine Street
Jonesboro, Arkansas 72401

Dear Mr. Light,

By way of this document and attachments EFS GeoTechnologies would like to bid on the collection of digital spatial data for Jonesboro, Arkansas during the winter of 2010 - 2011. We have attached a flight layout showing the buffered city boundaries and the coverage that would be provided. The specifications for the project as we understand them are as follows.

- A. All data is to be collected in natural color (RGB – red, green and blue).
- B. The data is to be collected during the winter of 2010 – 2011 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 for Jonesboro will be half foot per image pixel (GSD of .5 foot). The horizontal accuracy of the data will be approximately two feet (.61 meter (CE90). Please see attached PDF for coverage. (If survey grade ground control points are available within the cities, horizontal accuracy can be improved to 1.0 foot accuracy.)
- D. All flight lines will be oriented east and west.
- E. All data will be collected in stereo coverage with end lap averaging 60% per exposure and side lap averaging 30% per exposure to minimize the effects of parallax in the imagery.
- F. All data will be orthorectified and stitched together to form seamless digital mosaics. The individual mosaics will be subset to the same footprint as the USGS quarter quadrangle sheets. The individual mosaics will be named by the USGS naming convention for quadrangle sheets. Full quadrangle sheets will be provided for the entire project (no partial sheets).
- G. All data will be projected UTM, NAD 83, Zone 15 North, Meters unless otherwise specified.
- H. All data will be delivered in Tiff format and MrSid compressed format on USB hard drive. The MrSid data set will be compressed at a 20:1 ratio (Generation 2). Typically imagery will be delivered and ready to use six months from acquisition. More rapid turnaround times may be negotiated on a case by case basis.
- I. All data will be orthorectified using the five meter digital elevation set currently available for the State of Arkansas. www.EFSGeoTech.com

- 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.

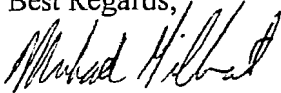
EFS GeoTechnologies bid for the project described above is:

- One Foot County Coverage - **\$30,607.00** of approximately 131.8 square miles over Jonesboro, Arkansas including a one mile buffer around the city.

If you would like to move forward with this project please execute a copy of this proposal and fax or e-mail same to my Monticello, Arkansas offices.

We appreciate the opportunity to bid on your project. If you have any questions please do not hesitate to contact us.

Best Regards,



Michael Gilbert, SIS
Project Manager