



# Leon County

## Board of County Commissioners

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Purchasing Division  
1800-3 Blair Stone Road  
(corner of Miccosukee and Blair Stone Roads)  
Tallahassee, Florida 32308  
(850) 606-1600

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November 10, 2010

RE: RFP Title: Request for Proposals for Aerial Photography, Survey Control,  
Aerotriangulation, LiDAR survey, and Planimetric and Topographic Mapping  
RFP No: BC-11-17-10-04  
Opening Date: Wednesday, November 17, 2010 at 2:00 PM

### ADDENDUM #2

Dear Vendor:

This letter serves as Addendum #2 for the above referenced project.

1. A Questions and Answers Document is attached.

Acknowledgment of this addendum is required as part of your submittal. Failure to acknowledge this addendum may result in rejection of your proposal.

Should you have any questions, feel free to call me at (850) 606-1600.

Sincerely,

for Keith M. Roberts  
Purchasing Director

## QUESTIONS AND ANSWERS

Request for Proposals for Aerial Photography, Survey Control, Aerotriangulation, LiDAR survey, and Planimetric and Topographic Mapping, RFP No: BC-11-17-10-04

The following questions were received from a vendor regarding the above referenced solicitation.

Kucera International Inc. - John Antalovich Jr, PE, PS, President

1. Can we get a sample of the 2009 ortho imagery, planimetrics, hydrography, DTM, and contour data?

Answer: Sample datasets are available on the Leon County Purchasing website at <http://www.leoncountyfl.gov/Purchasing/addenda/index.asp>

2. Do the 50 points used for ortho image checkpoints have to be targeted?

Answer: At least 50 checkpoints must be targeted with horizontal positions determined by survey techniques at an order of accuracy high enough to validate the horizontal accuracy specifications of the orthoimage deliverables. Additional photo-identifiable checkpoints may be used supplementally if desired.

3. Please confirm that all DTM components for this project are to be newly produced with the exception of non-hydro planimetric features which double as breaklines and may be updated as opposed to newly compiled. We understand that all hydro features are to be newly compiled and mass points are to be derived from a new lidar survey of the County.

Answer: The assumption is correct. The mass points are to be derived from a new lidar survey. All hydrographic features are to be recompiled. Non-hydrographic planimetric features that may double as breaklines need only be recompiled if they have changed. Any additional breaklines collected solely to enhance the DTM surface but have no intended use as planimetric features must be collected anew.

4. What is the preferred or required completion date for delivery of the project orthophotography, oblique imagery, updated planimetrics, and DTM/topography?

Answer: This will be decided upon at the time of developing the contract Scope of Work and will depend partly on how the budget is allocated.

5. With newer generation lidar technology it is typical to use higher pulse rates and larger scan angles than are specified and capture high accuracy return data which meets the County's accuracy specifications. Will this be allowed as long as it is guaranteed that the County's lidar data return density and accuracy specifications are met?

Answer: Modification in pulse rates are allowed as long as sampling rates **after** filtering are sufficient to support the vertical specification. The scan angle may be modified long as vertical **and** horizontal accuracy specifications are met. Increased scan angles can have consequences for horizontal accuracy, as well as for sampling density

6. What are the mandatory land cover test categories for the FVA/CVA/SVA determinations? We assume bare earth/low grass, high grass/crops, brush lands/low trees, forested, and urban. Please confirm that these are the correct mandatory land cover test categories, or do you just need testing of "open" and "non-open" terrain as a minimum requirement?

Answer: The aforementioned assumed land cover categories are correct. It is important to quantify the systematic error in the data as well as to evaluate the accuracy of the filtering results.