



Shelby County Tennessee

Mark H. Luttrell, Jr., Mayor

Questions & Answers

Issued: November 30, 2015

RFP 16-011-25

FY2017 Planimetrics, Topographic, and Digital Orthoimagery Project

TO ALL PROSPECTIVE BIDDERS:

The following questions were submitted by potential vendors. Our answers are listed in *red* below:

Question:

1. We would like to request a copy of the County's existing control in KMZ/KML format for use in our proposed project approach and estimating. If unavailable in a KMZ/KML, any format of the control will be beneficial.

SHAPEFILE OF USGS BENCHMARKS WILL BE PROVIDED.

2. The following questions are in reference to Section IX. Purpose / Scope of Work in subsection D. LiDAR / DTM / Breaklines on page 18 of the RFP under "Digital Terrain Model:"
 - a. What information are the ReGIS users looking to be included in the Tree top/structure top data? Is it a derived top of tree crown point shapefile for every tree above a certain height, or an average/max height for a mass of trees above a certain acreage included in a polygon shapefile attribute?

AVERAGE HEIGHT FOR A TREE MASS IN CLUSTERS OF 3 ACRES AND OVER

- b. Are we to assume that each plan collected building will require a height above ground attribute derived from the LiDAR, or is ReGIS looking for a separate terrain model of just the rooftops (similar to a canopy height model but for manmade structures)?

HEIGHT ABOVE GROUND

- 3. The following questions are in reference to Section IX. Purpose / Scope of Work in subsection E. Planimetric beginning on page 21 and in reference to the features listed in Appendix B beginning on page 37 of the RFP:

- a. Define the hydro delineation needs: Rivers and streams (Width Req. 1:1200 standard is $\geq 10'$ wide), Ditch lengths (1:1200 standard is $\geq 100'$ in length)

Do the ReGIS users want a delineation of the hydro bank edge or the water table? (The answer is also needed for spot elevations and potential LiDAR collection).

I'M ASSUMING THE DETERMINED WATER TABLE-STREAM WIDTH VARIES BY SEASON, RAINFALL, ETC

- b. Buildings (Appendix B, page 38): Do we only collect any building that is larger than 5 m x 5 m? In the past, we have collected all buildings for counties in the State of Tennessee as all buildings are taxable regardless of size.

GO WITH THE STATE STANDARD AND COLLECT ALL STRUCTURES REGARDLESS OF AREA

- c. This is a request for clarification on Paved Roads. Are we to collect at the edge of the paved surface for all roads which will include any paved shoulder? Is the shoulder feature only for unpaved shoulder?

COLLECT ALL PAVED AREAS INCLUDING SHOULDER

- d. Pools (Appendix B, page 39): Will it be acceptable to utilize a node (point) to represent above ground pools?

YES

- e. Open Storage (Appendix B, page 39): Does this mean storage piles of material, lumber, etc. in industrial areas or any pile of stored materials?

**RESTRICT COLLECT OF OPEN STORAGE TO
INDUSTRIAL/COMMERCIAL AREAS (example: LAWN AND
GARDEN AREAS OF BUILDING MATERIAL STORES,
TRUCK/TRAILER STORAGE AREAS)**

