



Greenville County Procurement Services Division
301 University Ridge, Suite 100
Greenville, SC 29601-3660
Greenville County/Watershed
3D Topographic Model
RFP #08-08/10/16

Questions and Answers Issued August 10, 2016

NOTICE TO VENDORS:

The following revisions, additions, and clarifications are hereby made part of the Contract Documents for the above-referenced project and shall be taken into account in the preparation of all proposals and the execution of all work. Responders shall acknowledge receipt of the Questions and Answers in their proposals.

The following question was submitted for RFP #08-08/10/16:

- Q1) Are the watershed boundaries to be graphically marked on the surface of the model, perhaps by a line of a specific color?
A1) Please see Addendum no. 2. (#1) It is important that geographical features (rivers, lakes, etc.) be seen through the transparent watershed. Watershed boundaries must be labeled appropriately. The lower part of the county is very flat, therefore the shaded boundaries are crucial to show the different watersheds as the elevation changes are not as noticeable or defined.
- Q2) Can the County provide a shapefile of the watershed boundaries?
A2) The County will provide a LIDAR dataset once the project has been awarded. See A8) for more details.
- Q3) What type of dye will be used?
A3) The County will use typical food coloring mixed with water. If food coloring is not recommended the County welcomes suggestions for alternate dye options and is also willing to use soy sauce, sprinkles, etc., but only if those items will not damage the surface.
- Q4) Can the vendor submit an electronic pdf proposal via email, rather than physical hardcopy proposals?
A4) No. The County does not accept electronic submittals.
- Q5) Section II. Scope of Work, D, states the model must be painted. Is a full color digital print process acceptable?
A5) Please see Addendum no. 2 (#2).
- Q6) Please indicate how much water must be collected in the model stand?
A6) The County anticipates approximately 16 ounces. If needed, the County may empty throughout a demonstration.

Q7) Section II. Scope of Work, B., suggest a full color, high resolution (360dpi+) printed terrain, not painted. Section II. Scope of Work, D., states that models must be painted. Does the County want a full color, high resolution printed terrain or painted terrain?

A7) Please see Addendum no. 2 (#2).

Q8) The County relief stl solid model file (GreenVille48-1-75.stl) shows a very low resolution, much lower than is typically used for a 3D terrain model. What is the purpose of the stl model? Is this file to be used 'as is' for the terrain modeling? Or to show the extent of the watershed boundaries?

A8) The County will provide a LIDAR dataset once the project has been awarded. The dataset meets Quality Level 3 (QL3) requirements as described in LiDAR Base Specification ver. 1.2 (Heidmann, USGS Techniques and Methods, book 11, chap. B4, 2014). More specifically, this dataset has an Aggregate Nominal Pulse Spacing (ANPS) of 1.41 meters, and can be provided in a tiled, compressed LAS version 1.2 format. Points have been classified for ground and buildings using the standard ASPRS classification scheme.

Q9) Are the road sign/shields to be modeled?

A9) The 3D modeled signs/shields are markers showing those features. The County does not require the road signs/shields be modeled, just that they be added in an appropriate manner.

Q10) Is the vendor required to source and process the digital elevation model at a resolution sufficient for a good terrain 3D model or will the County provide the elevation/terrain surface data?

A10) The County does not require the vendor to use the digital file that was provided.

END OF QUESTIONS AND ANSWERS