



Questions and Answers No. 1
CATS+ TORFP # 060B4400005
Digital High-Resolution Aerial Photography for Maryland

Ladies/Gentlemen:

This list of questions and responses is being issued to clarify certain information contained in the above referenced TORFP. The statements and interpretations contained in the following responses to questions by potential Offerors are not binding to the State, unless an addendum expressly amends the TORFP. Nothing in the State's response to these questions is to be construed as agreement to or acceptance by the State of any statement or interpretation on the part of the vendor.

1. On page 9 (at the bottom) it states that shapefiles are provided – but I do not see shapefiles on the link on page 10 – where can we get the most recent shapefiles?

RESPONSE: Please see Addendum #1 for the shapefiles.

2. Does the State require TO Proposal pricing to include effort for additional ground control checks within the QA/QC pricing to comply with Section 2.6.2.3's last paragraph?

RESPONSE: Offerors shall propose pricing that reflects the requirements of the TORFP and as specified in Attachments 1-5.

3. To what GPS control methodology standard are we required to adhere: 1.) FGDC - dating to 1988; or 2.) does the State desire/prefer the newest National Geodetic Survey Real Time User Guidelines, v2.1, revised through August 2011?

RESPONSE: Either methodology can be used. The primary concern is that the control support the accuracy requirements of the aerial triangulation and the resultant orthoimagery.

4. In which section of the technical proposal would you like to see the Camera calibration report – Production Approach or another section?

RESPONSE: Please see Amendment #1. Camera calibration reports do not need to be submitted as part of the response to this TORFP. Offerors shall identify the make/model of the sensors they propose to use. Camera calibration or manufacturer's certification reports shall be provided for camera systems during the project initiation phase.

5. Section 2.6.2.9: Seven (7) 100'/.25' buy up areas are specifically identified in the TORFP. Would it be possible to provide shape or KML files of the required ortho imagery limits for each

of the seven. Additionally, for 100'/.25' buy up areas not yet identified (other areas), please specify the minimum sq miles that should be assumed for pricing.

RESPONSE: No shapefiles are available. Note that for the optional imagery buy ups (including the planned areas) only unit prices are requested. Final pricing will be based on actual extents of the areas to be flown. The State will ensure that any area that is flown is a rectangular area that will encompass full tiles.

Additional (undefined potential 100'/.25') buy up areas will cover a minimum area of 10 square miles. In the past, buy up areas have been acquired for selected municipalities only (e.g. Annapolis, Easton, etc.). It is likely these additional buy up areas would be concentrated within municipalities in the future.

6. Attachment 1, Page 44 TORFP, Optional Imagery Buy Ups: Please confirm the units associated with the “unit pricing” (i.e. sq miles).

RESPONSE: Yes the unit price shall be square miles.

7. Attachment 4, pages 47 & 48, Planimetric Mapping Option: Please confirm if the pricing values entered into the matrix should be a total lump sum fee per county per option or unit cost (i.e. sq miles) per county per option. Additionally, please confirm if the pricing for Attachment 4 should be based on the square miles of each county (land area) listed in Section 2.3 or from some other source.

RESPONSE: The pricing should be a total lump sum fee per county based on square mileage of each county (land area). The pricing for Attachment 4 should be based on land area by county as referenced in Section 2.3.

8. Section 2.6.2.5 Aerial Camera: On August 15, 2011 USGS announced that it will no longer provide certifications for digital camera systems, <http://calval.cr.usgs.gov/mews/usgs-announces-no-usgs-digital-camera-certification-requirement/>. As a result, newer (or later generations of existing) digital camera systems do not appear on USGS’s list of “recognized” systems using the link provided in the TORFP. These include both the latest pushbroom and frame based systems. These systems are currently being used across the nation to support statewide ortho imagery programs. Please provide guidance on this TORFP requirement.

RESPONSE: Please see Amendment #1.

9. Section 2.6.2.6 Flight Specifications: Please confirm if flight plan maps (that include control point locations) should be included for both the Western Shore and Eastern Shore production cycles?

RESPONSE: Yes.

10. Section 2.6.2.14 Digital Orthophotography: Please confirm if the “md 2011 6inch ortho boundary.shp” file and “mdes-image-coverage-buffer.shp” file provided by the State in the TORFP source data define the required ortho photo mapping limits for both the Western and Eastern Shore Cycles.

RESPONSE: Yes.

11. Section 2.6.2.13: DEM: Is it possible to provide a list of counties that have (and will be made available) fully classified .las files to support base and optional data development. As a follow on, what is the average point density (all returns) of each counties .las files that are available?

RESPONSE: LAS files should be available for counties flown since 2010. They may be available for selected additional counties flown prior to that time. Generally LiDAR data flown before 2010 was flown with a 1.4-2.0 meter point spacing. LiDAR flown since 2010 typically used a point spacing of 1-4 to 1.0 meter point spacing.

12. Section 2.11.3: County Based Planimetric Data: Is it possible to identify which counties have level 1 planimetric data and which have level 2 planimetric data?

RESPONSE: A detailed inventory of this information is not available at this time. The suburban Washington, and the suburban Baltimore counties generally have level 1 and level 2 planimetrics, as do Washington, Frederick, Calvert, and Charles counties. Most of the eastern shore and the westernmost counties have level 1 data only.

13. Is there a requirement that the data processing work be completed in the US?

RESPONSE: No.

Thank you,

Michael G. Meinl
Procurement Officer

End of Question and Answer # 1