



AMENDMENT # 1

**CONSULTING AND TECHNICAL SERVICES (CATS) II
TASK ORDER REQUEST FOR PROPOSALS (TORFP) # 060B1400054
DIGITAL HIGH-RESOLUTION AERIAL PHOTOGRAPHY (ORTHOPHOTOGRAPHY) FOR
MARYLAND WEST OF THE CHESAPEAKE BAY**

BIDS ARE DUE: JANUARY 7, 2011 @ 4:00 PM, LOCAL TIME

December 29, 2010

Ladies/Gentlemen:

This Amendment #1 is being issued to amend and clarify certain information contained in the above referenced RFP. All information contained herein is binding on all Offerors who respond to this TORFP. The following are answers to questions received regarding the TORFP.

1. Please clarify - On page 42 it states "Complete and provide, at the interview, Attachment 5 – Labor Classification Personnel Resume Summary" and on the bottom of page 62 Attachment 5 it states "Submit with Technical Proposal" – is Attachment 5 required at time of proposal submission?

Response: Attachment 5 should be provided as part of the proposal submission. Note that this is to be a summary only.

2. Please clarify section 8 of the Technical proposal on page 42 – are resumes required for managers and an attachment 5 form or is a list of managers all that is required?

Response: A list of managers is what is required.

3. Can multiple resumes be submitted for a particular category?

Response: For Attachment 5 multiple resume summaries can be provided.

4. Just to clarify on page 5 you state that Attachment 13 – Living Wage Affidavit of Agreement is required as part of the submittal but 12 is the Living Wage Affidavit?

Response: Use Attachment 12 as the Living Wage Affidavit.

5. Please confirm that The Non-Disclosure Agreements (Attachment 9 & 10) are not required with proposal submission, just as needed later on?

Response: Yes. These can be provided as needed later on.

6. Is there a particular section in the technical proposal where you want to see the Flight & Control map and Camera calibration reports?

Response: They can be included as an Appendix.

7. NMAS for 200 scale maps stated in 2.4.2.2; ASPRS Class 1 elsewhere – assumed NMAS statement is a mistake, please confirm.

Response: Yes. ASPRS Class I is the required standard.

8. Please define “Near True Ortho” as it is desired in the RFP – 1) are all above-ground structures (buildings) to be modeled with 3D breakline definition for subsequent full-rectification in the final orthoimage deliverable OR 2) is the intent to increase raw-image overlap captured in the flight so that the best possible image can be used in the orthoimage deliverable thereby providing less vertical displacement of above-ground structures accepting that some “building lean” will be present but lessened? One option is more costly than the other.

Response: There is no requirement to model all above ground structures. It is up to the contractor to define the recommended approach for producing the near true orthos. It is understood that some building lean may be present depending on the height of building, flight plan, etc. One of the primary objectives of the near true orthos is to support in-house updates of planimetric features (specifically buildings and roads)

9. 2.5.6 Image Post Processing - Please confirm the State requires that all, non-georeferenced, 4-band, raw images captured for flight are a required deliverable. 2.15.2.3 states that post-processed Raw Imagery is to be georeferenced using the AGPS information – will the State require GeoTIFF or TIFF/TFW for each raw image? If so, it is assumed the State understands that this georeferencing will be very approximate.

Response: It is understood the georeferencing of the source imagery will be very approximate. The RFP specifies JPEG200 for the source imagery.

10. Has a new 4000' x 6000' Statewide Ortho-Tile Grid been developed and, if so, can the State provide for use during the RFP phase? Also, it makes a reference to the existing 2000' x 3000' tiles being "non-overlapping" – will the new tiles be "non-overlapping" as well?

*Response: A new 4000' * 6000' tile layout has not been developed and will be developed by the selected contractor. New tiles will be non-overlapping as was done previously.*

11. RFP Section 2.1 "Purpose", Page 7

Is there a requirement that 2011 Orthophotos be radiometrically and positionally tied/matched to 2010 Eastern Shore orthophotos. If so, will the 2010 data sources along the 2010/2011 match including source imagery, ABGPS/IMU, ground control, aerotriangulation, orthophoto frames and tiles be supplied to the successful respondent prior to the commencement of the post processing of the 2011 imagery?

Response: There is no requirement that the 2011 orthophotos be radiometrically and positionally edgematched. The join areas are primarily water only boundaries. If desired the surrounding orthoimagery will be able to be provided to the selected contractor.

12. RFP Section 2.1.2 "Project Area", page 9

The "MPA Island Coverage" shape and kmz files provided by the State do not appear to include the required Gibson Island coverage area identified in Section 2.1.2. Please delineate and confirm if Gibson Island should be included in the "full" coverage area (not optional).

Response: Gibson Island in Anne Arundel County should be included in the full coverage (not optional) area. A separate shapefile is not available however this area is readily visible in Google Earth.

13. The "MPA Island Coverage" shape and kmz files provided by the State do not appear to include the Hooper Island which is identified as an optional island coverage area identified in Section 2.1.2. Please delineate extents and confirm if Hooper Island should be included in the optional islands coverage areas.

Response: Hooper Island should be included in the optional island coverage category as indicated on the cost proposal form. Exact extents are not available. Coverage should include the entire land area of the island.

- a. The “MPA Island Coverage” shape and kmz files provided by the State appears to include the Poplar Island(s) located in Talbot County but does not identify it as a “full” or optional coverage category in Section 2.1.2. Please confirm if Poplar Island(s) should be included as a “full” or optional island category in the proposal response.

Response: Poplar Island should be included in the “full” island category.

- b. The “MPA Island Coverage” and “MPA Buy Up High Resolution Coverage Areas” shape and kmz files are defined by the extents of the 2007, 2,000’ x 3,000’ tiles covering each respective island group. Please confirm if the actual imagery collection and ortho production limits need to extend to the limits of the tile boundaries (as shown) or if only the land area of the island(s) plus some predefined buffer are required.

Response: The actual imagery collection and ortho limits should extend to the limits of the tile boundaries as shown.

14. RFP Section 2.4.2.1 “Project Coordinate System”, page 12

Please clarify the specific project deliverables (i.e. orthos, processed frames, AT, DEM, control surveys) that need to be delivered in both feet and meters.

Response: The only products to be delivered in feet and meters are the orthoimagery products. AT, DEM, and control survey data will only need to be provided in feet.

15. RFP Section 2.5.4 “Optional Near True Ortho and/or Increased Accuracy/Resolution Buy-Ups, page 16-17

- a. Is there a minimum height or number of stories that would dictate whether buildings/elevated structures requires correction to remove radial displacement (lean)?

Response: There is no minimum height or number of stories as the displacement is dependent on the location of the exposure center as well as the height of the structure. The respondent can provide a recommended height or number of stories as part of their response.

- b. Have the geographic limits that require a “Near True Ortho” approach for the City of Baltimore been defined? Have any other local jurisdictions defined similar areas that can be shared?

Response: An optional “Near True Ortho” area for Baltimore City has not been defined. Baltimore County (selected areas) and Howard County (entire county) have expressed interest in “Near True Ortho” products. Final decisions on these buy up options and areas will be made after project award.

16. RFP Section 2.7 “Digital Elevation Model”, page 17-18:

Please describe the origin and availability of the DEM used to develop the 2007/2008 statewide orthophotography? Will that DEM also be made available to the successful respondent?

Response: The DEM used for the 2007/2008 orthoimagery will not be made available as it was not a deliverable product as part of that procurement. The source materials used to produce the DEM (LIDAR and County based DEM/DTMs) will be made available.

17. RFP Section 2.8 “Digital Orthophotography”, page 18

Does the State have a predefined tile dimension preference for the metric ortho tile deliverables similar to the 4,000’ x 6,000’ tile dimension required for the US survey foot ortho tiles?

Response: See Section 2.4.2.1 of the RFP. The meters based delivery will be provided after the US Survey Feet deliveries have been made and quality assurance checks have been completed. The meters based deliveries will use the same grid system and will involve a conversion of 0.5’ = .1524 meters.

18. Is the 2010 Eastern Chesapeake Bay Ortho project using that same 4,000’ x 6,000’ tiling dimensions for 0.5’ GSD orthos? If so, is it the State’s preference that that schema be extended westward to cover the balance of the State and be used in the 2011 project?

Response: A new grid for the western region will be provided. The contractor will be provided the eastern shore tile layout for reference purposes.

19. RFP Section 2.8.3 “USGS Imagery”, page 19-20

Are there any additional ortho data formats, projections, tiling schema, etc required to fulfill the USGS Imagery requirements outlines in Section 2.8.3?

Response: There are no additional requirements to support the delivery of data to USGS.

20. The TORFP references Attachment 5 - Labor Classification Personnel Resume Summary several times (e.g, p. 42, p.61 - 62) and states that the summary should be submitted at the interview. However, at the bottom of Page 62, it states that we are to submit the form with the technical proposal, but sign the appropriate areas of the form at the interview. Could you please clarify when you'd like this form to be completed. In the event we are to submit the attachment as part of the technical submission, should we do so in lieu of standard resumes or in addition to and as an appendix?

Response: Attachment 5 should be provided as part of the proposal submission. It can be provided as an Appendix. Note that this is to be a summary only.