



REQUEST FOR PROPOSAL PS-#1123

AERIAL PHOTOGRAPHY

QUESTIONS AND ANSWERS

Last Updated: April 26, 2011

April 22, 2011

April 20, 2011

1. What is the target flight window? Leaf on/Leaf off? Is there a preferred timeframe for when the imagery is to be collected? (i.e. no earlier than: month/day/year and no later than: month/day/year) – **The preferred timeframe for flying our county is May – July**
2. Are there any accuracy requirements/standards requested by the County? Surveyed ground control? – **We will provide our DTM for use in orthorectification.**
3. Can the County provide shapefiles for the areas of interest? - **Yes, they can be found at: http://www.slocounty.ca.gov/GSA/Purchasing/Current_Formal_Bids_and_Proposals/RFP_1123_Shapefiles.htm**
4. Scanning was mentioned in the RFP which insinuates film cameras; are direct digital sensors allowed as the collection method? – **Yes**
5. Does the County want JPEG2000 (jp2) as the compressed form (JPG is what's stated)? Does the County want GeoTIFFs or TIF/TFW as the uncompressed tiles? - **JPEG2000 and GeoTIFFs are Preferred**
6. What is the desired file format of the single mosaic and is there an upward size limit for the mosaic? (i.e. SID, JPG2000, ECW, other?) - **SID is preferred. Upward size limit is not specified but we'd prefer it be manageable for day to day operations. The SID files for our 2007 imagery are approximately 9 GB total.**
7. Will the "Prototype" occur after completed flight, prior to image processing? Or will the contractor need to fly only a specific 9 square mile Prototype area prior to flying the entire area of interest? We assume that "before full production has begun", means after image collection, prior to image processing. - **Your assumption is correct.**
8. Are there any flight restrictions such as time of day/year, flying heights or access routes in the Nuclear Power Plant IPZ area? - **OES is recommending that you review the standard FAA notice to Airmen for Camp Roberts and Camp San Luis. Otherwise, we are not aware of any restrictions. Note: the selected vendor should contact PG&E ahead of time so they know about the flight over Diablo Canyon Nuclear Power Plant.**
9. What is the stated accuracy of the 2004 IFSAR DEM? - **I will attach the Accuracy Assesment that was provided to us called Intermap-IFSAR_Accuracy_Assessment.pdf**
10. Will an auto-correlated and edited DEM be considered an acceptable alternative to the IFSAR DEM? - **We believe our IFSAR DEM is more accurate and are requesting that it be used.**
11. Regarding Requirement B, What specific sun angle is considered to be too low for the project area? (20 degrees? 30 degrees?) - **30 degrees would be our minimum**
12. Are you looking for color imagery or black and white? - **Color**
13. The RFP states that for the 1-foot pixel area a photo scale of 1:12,000 or better is required and for the 0.5-foot area a photo scale of 1:6,000 or better is required. These photo scales are very conservative and are capable of producing 6-inch and 3-inch orthophotos respectively. Is it acceptable to fly this project at a smaller photo scale that will still meet the county's pixel

- requirement? This will reduce the flight miles and the number of required frames which translates to a cost saving to the County. - A lower flight altitude and more photos are preferred over flying higher and increasing the scanning resolution.
14. For the optional 600 sq. mile area which requires a 1-foot pixel is a 1:12,000 photo scale also required, or can we propose an alternative photo scale. - A lower flight altitude and more photos are preferred over flying higher and increasing the scanning resolution.
 15. Will the 2007 orthophotos be available to the winning bidder? - Yes.
 16. Does the County have a preferred tile matrix or file size maximum for the orthophoto tile deliverables? - The County does not have a preferred tile matrix, we are leaving it up to the vendors to propose one. Our 2007 imagery did utilize the 1:24,000 USGS Quads but we are not tied to that. We do not have a file size maximum for the deliverables but would like them to be usable by all county staff. Our 2007 Mr. Sid files are approximately 9GB total for our countywide imagery for example. This has been fine for us to work with.
 17. With respect to the 2007 orthophotos, was the orthophoto coverage the same as this year's project and was the same IFSAR DEM used? - In 2007 we contracted for 1' pixel resolution countywide imagery (the area that is in the optional portion included in the Amendment). We also had 6" pixel resolution imagery flown for approximately 350 square miles, some of which is included in the area requested for this proposal. Yes, the same IFSAR DEM was used to orthorectify the 2007 imagery.
 18. Is the Prototype a review of the raw imagery prior to processing or do you want a 9 square mile fully processed ortho-mosaic? - We're looking for a prototype area of processed data. We want to make sure before the entire imagery is processed that the color looks good and the sample is up to our standards.
 19. Does the County have a preferred tile matrix or file size maximum for the orthophoto tile deliverables? - We do not have a preferred tile matrix. It's my understanding that our 2007 imagery used the 1:24000 USGS quads. We're not tied to that tiling system. File size should be acceptable for day to day operations by county staff and GIS personnel.
 20. Regarding the RFP for orthoimagery- I just want to clarify that we will provide pricing for the following three options:
3,322 square mile 12" County-wide coverage (optional),
1:12,000 scale 2,723 square mile 12" coverage area,
1:12,000 scale 515 square mile 6" coverage area, 1:6,000 scale - I can confirm your numbers for the options in the updated addendum, although the 600 additional square miles would calculate to 3,323 square miles for Countywide 1' (optional).
 21. One additional question regarding the orthoimagery RFP- does the County have a control point or survey monument database that we can get access to, as part of the ground control approach? - Regarding control, our county does not maintain a database of control points or survey monumentation. Public Works utilizes CalTrans control information, which is fairly comprehensive along highway corridors. In addition, they use the NGS Datasheets for first order control. They do not have any first order control that they have set themselves.