

#031224-Imagery RFP ADDENDUM 1

TO: ALL VENDORS SUBMITTING A SEALED PROPOSAL FOR:
“**Orthophoto-Oblique Aerial Imagery RFP**” FOR THE COUNTY OF
WASHINGTON

FROM: RANDY VANKIRK
DIRECTOR OF PURCHASING

DATE: March 5, 2024

SUBJECT: CONTRACT # 031224-Imagery RFP
Clarification of Specifications

Please note the following questions and answers regarding the above Request for RFP Offer:

1. Can the County provide an AOI with a shapefile for imagery and a parcel file for feature extraction?
 - https://wcpagis-washcodps.hub.arcgis.com/datasets/23bbf68aad8d4110bed1dd63b125406d_1/extract
 - https://wcpagis-washcodps.hub.arcgis.com/datasets/cca81937ad13404483f0aaed3eab57f9_0/extract
2. Feature extraction should be made available for vectorization of features including but not limited to building outlines, road centerlines, road right of ways and land coverage...
“Do you need a bid for this now or just show qualifications? Do you have a geodatabase design or some other document that shows definitively what features you need collected, including any attributes?”

Building outlines, Road Centerlines, Road right of ways and Land Coverage are acceptable, additional features proposed are beneficial but not required. This is a proposal, not a bid, meaning the County is soliciting input and solutions via proposers as to the best offerings and cost structures to be considered moving forward.

3. In regards to the drone capture, is this vertical only imagery or vertical and oblique? I'm not aware of any drone carried sensor that will do simultaneous 5-view vertical/oblique imagery acquisition?

The drones can conduct separate flights for vertical and oblique imagery to achieve this.

4. Can you confirm that "Data should be true orthophoto with nadir to avoid building lean" countywide?

This is to confirm the data should be true orthophoto as our intent, but we are open to supplemental offering.

5. How many flights in total should be estimated?

The County expects an initial flight with the option to conduct three additional flights every two years.

6. Will the county opt to collect only 3" or 6" ortho for the entire County per flight? Or will the County opt for a combined 3/6 collection for rural/more developed areas on a given flight?

The County prefers the flights remain consistent as either 3" or 6" in its entirety.

7. Could you elaborate on the format and specification of 3D data to be integrated into the ortho and oblique imagery?

While there is no specified format, maximum interoperability is desired with other software such as ESRI products.

8. Could you provide specification of feature extraction of road right of ways and land cover?

This specification is up to the proposing vendor to extract the best data.

9. Could the County define by land cover? Which land use and cover types in addition to minimum size units are we to consider when estimating?

An example would be the [Southwestern Pennsylvania Commissions Land Use / Land Cover description](#) stated as "Level I contains six LULC types: Urban-Built-Up, Agricultural, Rangeland, Forest, Water, and Barren Land. Levels II and III provide a more thorough classification of the land. Level III classes will be highlighted briefly following Level II definitions. Some Level III classes have been developed consistent with Level II detail for mapping efficiency in accordance with the level of detail and purpose of this project. Other Level III classes have been developed providing higher

detail but are not fully utilized so that future mapping can be achieved (at that level of detail) if the need should arise.” However, the level of detail is up to the vendor.

10. Does the County already have a drone for which they require training, or is there a specific model that the County plans on purchasing? Should the proposal include the purchase of a drone for the county and appropriate subscriptions or software licenses to process the data?

The vendor can choose the drone that works best with their imagery.

11. Could the County estimate the area that may be collected via drones in any given year in between flights?

This will be done when needed and we cannot anticipate the frequency of this need. One example is new housing developments.

12. Will we be required to perform any drone flight (aside from demonstration/training flights) or is it only our responsibility to train County staff on how to operate a drone?

We expect the vendor train county personnel. An assisted initial flight by the vendor for demonstration could be included in the training.

13. Could the County confirm if the drone training consists of Part 107 certification training?

While no specific certification or credential is specifically required, added credentials would be an asset.

14. Are there restrictions for where any portion of the work can be performed?

There are currently no known restrictions where imagery can be collected. Drone data collection may depend on restrictions by landowners.

15. When is the anticipated contract award?

This will be determined following initial proposal receipt and reviews.

16. Under Proposal Submission, number 2 Contact Forms - can the County further clarify what they would like to see in terms of supplying clear lines of contact for references? References are to also be included in Section 4. References.

The County simply wants a clear point of contact for potential contract negotiations and for technical questions/scope feedback.

17. Please expand on the bullet related to feature extraction "should be made available" as listed in the Scope of Services. What is your expectation for meeting this project for this bullet's deliverable? We are unsure if you want the feature extraction as part of the deliverable or can it be customized for future development needs?

Please put together a proposal according to your best offer for the needs of the County as outlined in the RFP. Feature extraction can be proposed and if not agreeable to the County will be removed from negotiations.

18. Does the County have the Sample Agreement for review as mentioned in the RFP?

We do but have chosen to await our first round of negotiations/interviews prior to distributing to save all proposers time and effort.

19. Under the SCOPE OF SERVICES, paragraph I. Project Overview, third bullet, the RFP states *"Multiple data collections are being sought on a bi-annual frequency for three more collections."* Then, the eleventh bullet states *"The provider should allow the county to perform flights over a period of years. The time of the flight should be left to the county to decide."* Could you please clarify the following:

- a. Is the County seeking an initial collection plus three collections for a total of four collections? **That is correct.**
- b. Does the County intend that the collections are completed every six months or every twenty-four months? **This will be determined by the County following proposal receipt and cost evaluations.**

- c. What is the anticipated termination date of a contract resulting from this RFP?
This will be determined by the County following proposal receipt and cost evaluations.

20. Under the SCOPE OF SERVICES, paragraph I. Project Overview, fourth bullet, the RFP states "*Data collection should be American Society for Photogrammetry and Remote Sensing (ASPRS) ground controlled certified.*" Could you please clarify the following:

- a. Regarding the word "*should*", does this mean that meeting the ASPRS accuracy standard is optional? **It is STRONGLY preferred and may be required.**
- b. Is the County expecting that the imagery meets ASPRS standards, or that the ground control point count and/or ground control point accuracy meet ASPRS standards? **Our desire is that both meet ASPRS standard, however the intent of this paragraph was the imagery standard.**
- c. If the County expects the ground control to meet ASPRS standards, what specific ASPRS standard should be met? **We are requesting ground control certified but are open to proposal options.**
- d. If the County expects the imagery to meet ASPRS standards, the typical expectation of similar projects is that **6" orthoimagery would meet ASPRS Accuracy Standards (2014) for the 30.0 cm Horizontal Accuracy Class, and that 3" orthoimagery would meet the 15.0 cm Horizontal Accuracy Class.** These standards would then drive the accuracy and number of control points to meet the standard. Does the County require or desire the imagery to meet these standards? **That is correct, as was previously stated in Addendum 1, the County desires a consistent 3" or 6" accuracy countywide.**

ADDENDUM ACCEPTANCE CERTIFICATION:

(Please attach this to your submitted proposal)

Signature of Bidder

Name of Bidder

DATE: _____