

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION (INCLUDING BRAND NAME)

1. AGENCY AND CONTRACTING ACTIVITY (FAR 6.303-2(a)1).

Bureau of Land Management, Oregon State Office, 333 SW First Street, P.O. Box 2965, Portland, Oregon, 97208.

2. NATURE/DESCRIPTION OF ACTION(s) (FAR 6.303-2(a)2).

The Bureau of Land Management Oregon State Office, 333 SW First Street, P.O. Box 2965, Portland, Oregon, 97208, has the need for 0.41 meter resolution 4-band multispectral digital satellite imagery for the Coos Bay District as part of the LiDAR based stand inventory, carbon sequestration analysis and wildlife habitat modeling project. The imagery will be supplied from the archive maintained by GeoEye, 2325 Dulles Corner Boulevard, Herndon, Virginia 20171 where archived imagery is available and from new acquisitions where it is not available. The imagery will be fused with the existing LiDAR to provide timber inventory information in the District.

The development of a stand level inventory is actually a four step process. Step one is the acquisition of the raw LiDAR data. This is accomplished through an Assistance Agreement with the Oregon Department of Geology and Mineral Industries (DOGAMI) which has been task by the Oregon Legislature to coordinate LiDAR collection in the State of Oregon. The second step is to identify plot level metrics which has been completed by the PNW Research Station. The third step is to identify individual tree metrics which includes species. The 0.41 imagery resolution has proved to be the most appropriate to tests in Panther Creek for use in identifying species. The fourth step is to post stratify the data which will be completed by the District once the tree metric data is available.

This action is to acquire imagery that can be used in the Coos Bay project utilizing the analysis procedures developed in Panther Creek without having to recalibrate the procedures for different imagery specifications.

3. DESCRIPTION OF THE SUPPLIES/SERVICES (FAR 6.303-2(a)3).

The GeoEye imagery product line is a radiometrically corrected map oriented image that is shipped with the sensor camera model in rational polynomial coefficient (RPC) format. This camera model maps the respective ground coordinates to image product coordinates. The orthorectified imagery will be fused with the georeferenced LiDAR data to identify tree species and forest health issues.

The GeoEye-1 imagery has a resolution of .41 meters imagery resolution.

The estimated value of this acquisition is a maximum of \$ [REDACTED].

4. IDENTIFICATION OF STATUTORY AUTHORITY (FAR 6.303-2(a)4).

The statutory authority that will be used is 10 U.S.C. 2304(c)1) - Only one responsible source and no other supplier or services will satisfy the agency requirements as outlined.

5. DEMONSTRATION OF CONTRACTOR'S UNIQUE QUALIFICATIONS (FAR 6.303-2(a) (5)).

GeoEye can provide .41 meters of imagery and meets our testing requirements to maintain consistency between the Panther Creek and Coos Bay methodology analysis.

6. FEDERAL BUSINESS OPPORTUNITIES AND ELECTRONIC COMMERCE FOR POTENTIAL SOURCES (FAR 6.303-2(a)6)).

Publication of a notice of intent is required if the action is expected to exceed \$25,000. Posted a sole source combined synopsis solicitation no. L11PS01405 which closed on September 20, 2011.

7. DETERMINATION OF FAIR AND REASONABLE COST (FAR 6.303-2(a)(7)).

The determination fair and reasonableness was decided by comparing rates of similar products from other vendors that is available commercially.

8. DESCRIPTION OF MARKET RESEARCH (FAR 6.303-2(a)(8)).

Based on market research, the GeoEye Imagery Collection Systems, Inc. is the only company that can provide 0.41 meter of imagery resolution where BLM can use analysis procedures developed in Panther Creek with GeoEye imagery in the Coos Bay project with the further cost of integrating different imagery standards into the analysis procedures. Similar products are available, but cannot meet the government requirement. A vendor has been identified that can provide 0.46 meter imagery resolution and 0.5 imagery resolution is available commercially from the private industries.

9. ANY OTHER SUPPORTING FACTS (FAR 6.303-2(a)(9)).

Not Applicable

11. ACTIONS, TAKEN TO REMOVE BARRIER TO COMPETITION (FAR 6.303-2(a)(11)).

Market research indicates that only Geo Eye can provide 0.41 meter of imagery resolution.

12. CONTRACTING OFFICERS CERTIFICATION THAT THE JUSTIFICATION IS ACCURATE AND COMPLETE. (FAR 6.303-2 (a)(12)). See certifications below.

TECHNICAL AND REQUIREMENTS CERTIFICATION (FAR 6.303-1(b))

I certify that the facts and representations which are included in this justification and which form a basis for this justification are complete and accurate.

Signature: /s/ George McFadden, Silviculturist, OR931, 503-808-6107 Date: 6/17/2011

Name/Title/Office Code/Phone Number

CONTRACTING OFFICER CERTIFICATION (FAR 6.303-1(a) 6.303-2(a)(12))

I certify that this justification is accurate and complete to the best of my knowledge and belief.

Signature: Stev Shapiro C.O. Date: 9/23/11

Name/Title/Office Code/Phone
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