

**STATE OF ALASKA RFP NUMBER 170007285  
AMENDMENT NUMBER 1**



Department of Natural Resources  
Division of Support Services  
550 W. 7<sup>th</sup> Avenue, Suite 1230  
Anchorage, AK 99501

**THIS IS NOT AN ORDER**

**DATE AMENDMENT ISSUED: December 8, 2016**

**RFP TITLE: Geospatial Imagery Services for the Dept. of Natural Resources Office of Project Management and Permitting**

**RFP CLOSING DATE AND TIME: December 14, 5:00 p.m. Alaska time. (UNCHANGED!!).**

**The purpose of this amendment is to:**

1. Make changes to the RFP as follows:
  - a. Page 4, Section 1.03, change "5:00 p.m. prevailing Alaska time on December 14, 2016" to now read 2:00 p.m. prevailing Alaska time on December 16, 2016."
  - b. Page 13, Section 3.03, subsection B. Imagery Distribution, modify the last sentence of that paragraph to now read "...offline mobile applications such as Collector for ArcGIS."
  - c. Page 20, Section 5 Evaluation Criteria and Contractor Selection, add the following to the end of Sec 5.02:
    - 14) What additional functionality/capabilities can the offeror provide as a value-added product or service?
    - 15) How realistic and useful are these value-added solutions to industry standard workflows?
  - d. Page 35, Section 8, Attachments, Attachment 1, Proposal Evaluation Form, add the following to the end of Sec 7.02: (Note: the question numbers for the added questions are different in this section than in Section 5 due to the fact that the numbering in Section 7.02 goes from 1 to 4, then starts again at 1. The questions are consistent between the two sections, the numbering is just different.)
    - 10) What additional functionality/capabilities can the offeror provide as a value-added product or service?
    - 11) How realistic and useful are these value-added solutions to industry standard workflows?
- a. Page 46, Attachments, Cost Proposal form, a new form will be provided tomorrow.

**All terms and conditions not modified by this amendment remain unchanged.**

**THIS AMENDMENT IS FOR INFORMATIONAL PURPOSES ONLY AND NEED NOT BE RETURNED.**

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**STATE OF ALASKA RFP NUMBER 170007285**  
**AMENDMENT NUMBER 1**

*Questions and Answers*  
*December 5, 2016*

1. Q. Why is the schedule for this RFP so tight?  
A. The University of Alaska Fairbanks is no longer going to perform these services starting January 1, 2017 so we need to use existing funding to find another source for these services to give us time to develop a long term funding and hosting strategy.
2. Q. Regarding the required 30 millisecond response time, does that mean that the data must be stored locally? 70 milliseconds is a more reasonable response time for cloud-based services.  
A. The goal is to have the bulk of the data stored in Alaska, or at very least a mirror image of the data here.
3. Q. How much time should we assume it will take to respond to inquiries and service requests?  
A. The minimum required is 10 hours per week which equates to at least ¼ of a full time equivalent.
4. Q. Is the University able to submit an offer as a result of this RFP?  
A. There is nothing to stop them from responding should they choose to do so.
5. Q. Is there State of Alaska licensing in place that the contractor may be able to take advantage of?  
A. No.
6. Q. Are there departments or other users that will have priority, i.e. homeland security users, etc.?  
A. Not at this point in time.
7. Q. The RFP requires a contract start of January 1, 2017. Is the expectation that the new contractor will be fully ready to provide the services by that date or will there be some transition time allowed?  
A. We expect and understand there will likely be transition time involved. We will work through that with the selected contractor and the University.
8. Q. When will the data be provided to the successful offeror?  
A. The data will be delivered to the successful offeror in phases starting after contract award.
9. Q. Is the 6 TB data storage requirement only inclusive of the SPOT satellite data or does that include all of the datasets?  
A. That is just the SPOT satellite data, inclusive of the 2.5m and 1.5m resolution datasets.
10. Q. How much more data is there?  
A. Offerors should plan for 10TB of ortho tiles and satellite source scenes, not including tile caches.
11. Q. Is it possible to use any State-owned infrastructure to provide these services?  
A. No.
12. Q. Do the figures in the table on Page 9 include Best Data Layer (BDL) data as well as Statewide Digital Mapping (SDMI) data?  
A. Yes, they include BDL tiles and WMS requests for all imagery products.
13. Q. Is the BDL data proprietary to the University?  
A. The BDL contains several datasets. Any that are proprietary to the University and are not publicly licensed won't be transferred.
14. Q. Are there artifacts or higher level data available?  
A. No.
15. Q. How many concurrent users are there anticipated to be at any given time?  
A. We currently don't have an accurate measurement methodology for concurrent users, however included below is a table of average number of requests handled per hour including both WMS requests and tile services over a recent three-month period. Also, the figure in Section 1.04 of the RFP related to 3,500 service requests per hour does not include the tile services.

**STATE OF ALASKA RFP NUMBER 170007285**  
**AMENDMENT NUMBER 1**

<b>Time of Day</b>	<b>Avg # of Requests</b>	<b>Time of Day</b>	<b>Avg # of Requests</b>
00	2726	12	33379
01	1798	13	40460
02	1785	14	45351
03	1527	15	41345
04	1079	16	34840
05	1302	17	13485
06	2542	18	7142
07	10223	19	6223
08	25527	20	8121
09	36877	21	8460
10	38969	22	6731
11	39364	23	4484

16. Q. There are optional and additional items defined in the scope of work. How do you want the costs submitted for those items and how will the cost for those items be evaluated?  
A. Please see the changes section of this amendment and the revised cost proposal form that will be provided.
17. Q. Regarding the additional services related to the IFSAR ortho-rectified radar intensity imagery, does this include all the services required for the other data under this RFP, i.e. serving, hosting, and support?  
A. Yes.
18. Q. Section 1.05 in the RFP says that any comments or questions related to the solicitation are due 10 days before the due date for proposals which would be December 4, 2016, a Sunday. Please advise.  
A. We will accept questions through 5:00 p.m. on Monday December 5, 2016.
19. Q. Regarding security and authentication, will authentication take place against the State’s LDAP or Active Directory (AD) services?  
A. Authentication for the Spot 5 data is limited to .edu and/or .gov domains. All others will require authentication by the contractor. The reason for this is that this data is used cross-agency so there is no one single authentication method. Please see the attached End User License Agreement for the SPOT data.
20. Q. Regarding the budget, is the \$350,000 figure only for the twelve-month performance period?  
A. The goal of this RFP is to make the budget stretch for the maximum time period that we can.
21. Q. What do you need for documentation of the prior experience required by Section 1.04 of the RFP?  
A. What we need is something that we can review and easily identify that the Offeror meets those requirements. This could consist of resumes of individuals showing that experience, or descriptions of projects/contracts the company has had, etc.
22. Q. Is it expected that the data be hosted in Alaska (based on the 30ms ping requirements)?  
A. See answer to question 2 above.
23. Q. Approximately how many authorized users are allowed to download tiles? Does ADNR have any metrics on current tile download usage?  
A. Tile download is allowed for all non-commercial users. Typically there are around a dozen tile requests per month, 2-3 of which must be shipped on a drive due to volume.

**STATE OF ALASKA RFP NUMBER 170007285**  
**AMENDMENT NUMBER 1**

24. Q. Does the DNR have an existing Help Desk system they use to track technical support? If the DNR does not have a preference, can the bidder use their own help desk/project management tools?  
A. The contractor should use their own help desk/project management tools.
25. Q. When is the service expected to be available (at end of contract or start of contract)?  
A. As close as possible to the start of the contract, i.e. as soon as possible after January 1, 2017.
26. Q. What is the transition timeframe for the existing services?  
A. See answer to question 7 above.
27. Q. Section 3.03 states “Applications, services, and tools created for this contract, including unique URLs and other branding will become the property of the Department of Natural Resources on behalf of the Alaska Geospatial Council at the close of the contract.” If the bidder uses their own existing tile creation and service publication tools, does the DNR still expect to take ownership at the end of the contract?  
A. See Article 10 Ownership of Documents of Appendix A in Attachment 2 to the contract. All work developed under the contract are works for hire and become property of the State at the end of the contract, such as URLs, tile generation software, etc. Any existing software, licenses, etc. remain the property of the Contractor. Technical staff will coordinate on the creation of DNS entries and domain name registration for the user interface.
28. Q. During the pre-proposal conference and in the proposal there is reference to some data layers, indexes, or compiled products currently served on the GINA site under current state funding that are not available or are proprietary. Please detail what is, or what is not, supplied that is currently on the GINA site?  
A. Astrium Airbus maintains intellectual property rights on all SPOT satellite data sets, which are licensed for non-commercial use only per the attached End User License Agreement (EULA). This provided substantial cost savings to the State. There are commercial “buy-up” options available through Airbus and authorized data resellers.
29. Q. Is the mentioned proprietary nature of the product layer, index etc. due to licensing at the data level, or intellectual property rights applied to public data on behalf of the University, GINA?  
A. See the answer to question 28 above.
30. Q. Will AK provide an LDAP or AD service or equivalent to manager user accounts and authorized users (limited access data sets)?  
A. No.
31. Q. Is the new 5m IFSAR derived DEM or AK included in these data estimates? Or a required service?  
A. The IFSAR data is not included in the estimates and is not a required service under the RFP.
32. Q. Do we need to cost in high reliability, i.e. multiple availability zones?  
A. Multiple availability zones are not required.
33. Q. Is there an expected Service Level Agreement (SLA) for uptime?  
A. Uptime is specified in the RFP as continuous, allowing for eight hours of planned downtime per year. This requirement will be part of the contract. This equates to 99.9%.
34. Q. Can we guarantee that any TIFF files will be sufficient for web distribution, i.e. TILED TIFF? Can we convert these to another format such as MRF, and replicate the storage to be able to provide more responsive services?  
A. Yes, converting them to another format would be acceptable.
35. Q. Can we include cached versions of services for improved response times?  
A. Yes.
36. Q. Do we need to provide access to the production block files?

**STATE OF ALASKA RFP NUMBER 170007285**  
**AMENDMENT NUMBER 1**

- A. Relevant production block tiles need to be included with ortho-tile downloads.
37. Q. How much aerial and satellite content referenced in the last paragraph of Page 10 will be included from the Alaska geospatial community?
- A. Offerors should anticipate up to 4 TB of data in addition to the 6 TB of SPOT satellite data for a minimum of 10 TB. Please price for 10 TB and include a per TB cost in proposal for additional datasets.
38. Q. How frequently should we expect ad-hoc imagery datasets for assimilation into the repository?
- A. Additional datasets can be received at any time, but we would expect roll ups of the data to be done quarterly at a minimum.
39. Q. How much of the <http://alaskamapped.org> experience must be replicated?
- A. Only that which is necessary to enable users access to and use of imagery services. The alaskamapped.org website exceeds this requirement, and provides both information related to the SDMI project and documentation and instructions for service use. The focus of this RFP is on imagery service provision and support, which includes any documentation needed for use of the services.
40. Q. If the proposed solution requires ESRI software, can Alaska DNR ESRI software licenses be used for the proposed solution?
- A. See Question 5 above.
41. Q. Does the current solution provide the required sub-30ms average ping response time? Is the sub-30ms average ping response time, as measured from the State of Alaska's network in Anchorage, a firm requirement?
- A. Yes, the current service does provide sub-30ms response time, and yes that is a firm requirement.
42. Q. Is the IFSAR data mentioned in the RFP already being provided via service provider(s) other than the University of Alaska? And, if so, will it continue to be available via that source into the foreseeable future?
- A. Yes, and yes.
43. Q. Section 3.16 Contract Changes – Unanticipated amendments – The last sentence of paragraph 1 states “Cost and pricing data must be provided to justify the cost of such amendments per AS 36.30.400. In what specific format/level of detail does that need to be provided? Can you provide an example for review? The existing statute referenced does not provide enough details.
- A. This paragraph only comes into play if we have to amend the resulting contract for something we didn't anticipate. We do not have a specific format for that information. If it happens, we will deal with it at that time.
44. Q. Section 7.01 Standard Contract Provisions. The last sentence states: “No alteration of these provisions will be permitted without prior written approval from the Department of Law. Objections to any of the provisions in Appendix A must be set out in the Offeror's proposal”. Is the State amenable to allowing the Contractor to provide comments/exceptions or to propose alternative verbiage for consideration as part of its proposal submission? If required, what is the process to propose alternate provisions and obtain approval from the Department of Law? Does that need to be done prior to submittal of contractor's response, or can it be noted at the time of proposal submission?
- A. If you have exceptions to the standard contract provisions, those must be noted in the proposal. The offeror is not responsible for getting approval of those prior to proposal submission. However, keep in mind that any changes to any standard provision requires approval by the Dept. of Law which takes additional time, and could affect whether or not a contract can be awarded to that offeror.

**STATE OF ALASKA RFP NUMBER 170007285**  
**AMENDMENT NUMBER 1**

45. Q. Is DNR willing to consider extension of the submission date to 12/16?  
A. Yes, however the time of day for proposal submission has been modified to 2:00 p.m. prevailing Alaska time, instead of 5:00 p.m. See Page 1 of this amendment.
46. Q. Section 1.14 Alternate Proposals states “Offerors may only submit one proposal for evaluation.” Can offerors submit a proposal as a prime, while also being a sub-contractor on another proposal?  
A. Yes.
47. Q. Section 2.01 Background Information states “Imagery downloads or large data distribution alternatives (such as hard drives) are available on request.” Then in Section 3.01 “Scope of Work” it states “Distribution of datasets will be, at minimum... GeoTiff download with metadata via FTP or similar.” Does the State expect the contractor to be responsible for large data distribution via physical media? If so, who is responsible for the cost associated, specifically the cost of the media and any shipping cost?  
A. Yes, the contract is responsible for such data distributions. It requires 4-5 hard drives on a rotational basis, i.e. hard drives are shipped out with data on them, and the requestor returns the drive when they have completed downloading the data. There is an average of 2-3 of these requests per month that require shipping of hard drives. The Contractor may charge the entity requesting the data for the cost of the media and/or shipping.
48. Q. Section 3.09 Subcontractor states “evidence that the subcontractor holds a valid Alaska business license”. Please confirm that all subcontractors are required to have Alaska business license, or is it sufficient for the prime contractor to hold an Alaska business license?  
A. All subcontractors must have an Alaska Business License before contract award.

END OF QUESTIONS AND ANSWERS