

STATE OF ALASKA RFP NUMBER 2015-1000-3133
AMENDMENT NUMBER 1



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

THIS IS NOT AN ORDER

DATE AMENDMENT ISSUED: May 29, 2015

RFP TITLE: RFP 2015-1000-3133 Western AK Aerial Survey Ground Control

RFP CLOSING DATE AND TIME: June 5, 2015, 4:00 p.m. Alaska time. (NOT CHANGED)

The purpose of this amendment is to:

(1) make changes to the RFP as follows:

- a. Section 2.14 – delete the text of this section and insert “Not applicable to this RFP”.
- b. Section 2.15 - delete the text of this section and insert “Not applicable to this RFP”.
- c. Section 2.16 - delete the text of this section and insert “Not applicable to this RFP”.
- d. Section 3.06 – third paragraph, replace both occurrences of “APPENDIX B1” with “APPENDIX B2”.
- e. Section 6.05 – add the following to the end of the last paragraph: “Offerors should also provide comprehensive narrative statements to address its employment practices with regard to women and minorities, and a discussion of the proximity to the project site of the offeror’s office.”
- f. Section 6.06 - delete the text of this section and insert “Not applicable to this RFP”.
- g. Section 7 – replace this section in its entirety with the attached Section 7.
- h. Section 8 - replace Attachment 1 in its entirety with the attached revised Attachment 1.
- i. Section 8 – replace Attachment 3 in its entirety with the attached revised Attachment 3.
- j. Section 8 – delete Attachment 5 in its entirety.

(2) answer questions that have been asked by potential offerors. See attached.

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

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

A handwritten signature in blue ink that reads "Marlys Hagen".

Marlys Hagen
Procurement Officer
Phone: (907) 269-8666
FAX: (907) 269-8909

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Questions and Answers

May 29, 2015

1. **Q. How many tidal or NSRS bench marks are required per developed area?**
A. Additional details on these requirements are found in Sections 5.01.01 and 5.02.02 of the RFP. 3 marks are required (in addition to GCPs and check points) per developed area that has tidal marks listed in Table 1 (while all areas have NGS stations of record, only 10 of the 29 developed areas have established tidal bench marks available = 30 required marks). Other NSRS ties are not required unless they are necessary to achieve the minimum level of absolute accuracy and meet appropriate quality control requirements for the proposed GNSS survey positioning technique.
2. **Q. Can check points double and satisfy the tidal/NSRS bench mark requirement?**
A. Technically, yes, however the qualification of bench marks as suitable Digital Surface Model (DSM) check points would need to be justified in the project proposal. Check points must be collected from flat terrain at varying elevations throughout the project area and, with the exception of needing to be photo-identifiable, must meet all other GCP selection requirements. These requirements include being positioned on stable surfaces with minimal to no vegetation cover, away from areas likely to undergo anthropogenic disturbance, and in areas with unobstructed view of the sky that are likely to remain unobstructed by buildings, water, vehicles, vegetation, or other over-hanging features. Many tidal bench marks in western Alaska are sunken rods (the height of which are not characteristic of the ground surface elevations in a DSM product), multiple marks are commonly at similar elevations for any given developed area, and some marks may be positioned near buildings or dense vegetation; offerors are advised to take these factors into consideration if co-classification of bench mark and check points is proposed.
3. **Q. Do the GCPs collected in the developed areas/population centers count toward the maximum interval of 50km between GCPs? Or do you want GCPs at a maximum interval of 50km along the coast PLUS 1 GCP at each developed area/population center? Also, is the 50km interval an approximate guideline or are we to treat it strictly and consider the various sinuosities of the coasts and rivers in the intervals?**
A. Yes. As the distribution of population areas largely meets spacing requirements, minimal additional GCPs will be required. 50 km spacing pertains to the point spacing along the general polygon, as opposed to the strict along shoreline distance. GCPs must all be within the along-coast polygon, but do not need to be spaced at 50 km intervals relative to a highly detailed shoreline position vector.
4. **Q. Since there are 29 developed areas/population centers listed in the table 1, having 2 Check Points per community totals 58 check points. Page 26 says a minimum of 60 are to be shot. Does this mean that we only need 2 more beyond the 58 that are being shot in the developed areas/population centers? So no check points are needed anywhere other than the developed areas/population centers?**
A. Yes to the first question, No to the 2nd question.
5. **Q. We are to withhold the check points from the imagery/DEM contractor until the validation stage. At that point are we to provide them to DNR or to the imagery/DEM contractor? Since you mention no evaluation or specific QC reports concerning the accuracy of the imagery rectification or DEM I presume that the Survey contractor will not be expected to evaluate the difference between the check point values and the values obtained by the imagery/DEM contractor. For instance, no report showing the Root Mean Square Error or TIN certification will be required from the Survey Contractor. Is this correct?**
A. Check points will be provided directly to the imagery/DEM contractor at the validation stage. Check points may be provided to DNR at or before this time. You are correct that the evaluation of the imagery/DEM is the responsibility of the imagery/DEM contractor. The ground control contractor is responsible for the quality and usability (GCPs require positive visual identification by the imagery/DEM contractor) of the survey control and check points. It is recommended that the contractors communicate

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with regard to photo-identifiable ground control feature preferences and requirements prior to data collection.

6. Q. **Don't these services fall under the statutory requirements for Architects, Engineers, and Land Surveyors? If yes, then cost shouldn't be an evaluation factor, correct?**
A. You are correct. This amendment removes cost as an evaluation factor and makes other applicable changes to the RFP as well. See Page 1 of this amendment.
7. Q. **Section 5.02.9. Accuracy/Quality Control, Number 1. "Absolute survey accuracy, as verified by contracting agency, shall be less than or equal to 5 cm in the vertical (ellipsoidal height) and horizontal for each surveyed point." Is this 5 cm RMSE, CE90, or CE95?**
A. CE95
8. Q. **The provided shapefile will not load properly in some GIS tools, is there another version of the project extent shapefile?**
A. The shapefile has been revisited in consultation with DNR GIS staff. The likely cause of the described issue is the large number of vertices that are present in the shapefile, this is a common occurrence with many coast-based features due to the fractal nature of shorelines. The shapefile that was provided with this RFP was based on the NOAA best-available MHW vector for western Alaska and the resulting polygon (a manually-edited buffer feature) has too many vertices to be displayed in some GIS or KML viewers such as Google Earth (limit of 30,000 vertices).

DNR staff have used the ArcGIS Simplify Polygon Tool using the POINT_REMOVE algorithm and a 100 m maximum allowable offset tolerance to reduce the number of vertices to approximately 10,000 so this feature may now be viewed in Google Earth. The revised shapefile is available from the Procurement Officer upon request. Differences in extent may now exist between the original and simplified shapefiles (see Figure 1 illustrating this), and the original shapefile should still be referred to for the complete area of interest. This extent discrepancy will be less of an issue for the ground control RFP than for the upcoming aerial imagery/DEM RFP."

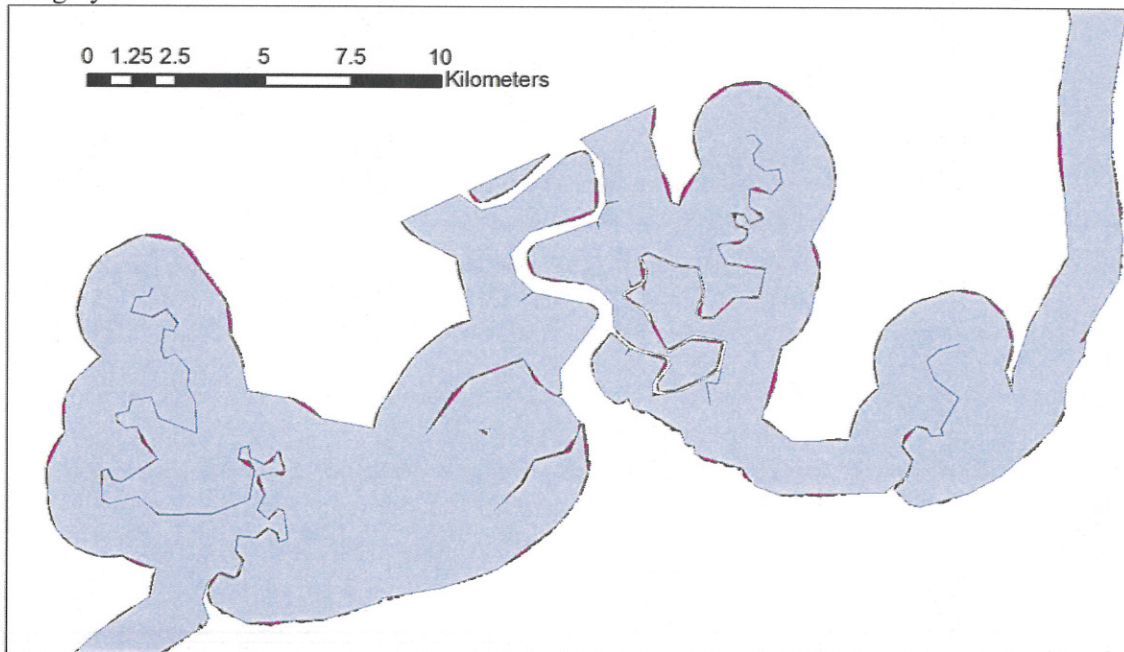


Figure 1. Differences between original and simplified AOI shapefiles as viewed in a subset of the planned project extent.

Pink = Original shapefile

Blue = Simplified Polygon

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SECTION SEVEN EVALUATION CRITERIA AND CONTRACTOR SELECTION

**THE TOTAL NUMBER OF POINTS USED
TO SCORE THIS PROPOSAL IS 100**

7.01 Understanding of the Project, Methodology used for the Project (25 Percent)

Proposals will be evaluated against the questions set out below:

- [a] How well has the offeror demonstrated a thorough understanding of the purpose and scope of the project?
- [b] How well has the offeror identified pertinent issues and potential problems related to the project?
- [c] To what degree has the offeror demonstrated an understanding of the deliverables the state expects it to provide?
- [d] Has the offeror demonstrated an understanding of the state's time schedule and can meet it with the proposed methodology?
- [e] To what extent does the offeror's proposal exceed the minimum project specifications in Section 5.02?

7.02 Management Plan for the Project (30 Percent)

Proposals will be evaluated against the questions set out below:

- [a] How well does the management plan support all of the project requirements and logically lead to the deliverables required in the RFP?
- [b] To what extent does the offeror already have the hardware, software, equipment, and licenses necessary to perform the contract?
- [c] To what extent has the offeror proposed to utilize Alaskan vendors and resources in the performance of the project?

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- [d] Does it appear that the offeror can meet the schedule set out in the RFP?
- [e] To what degree is the proposal practical and feasible?
- [f] To what extent has the offeror identified potential problems?

7.03 Experience and Qualifications (35 Percent)

Proposals will be evaluated against the questions set out below:

Questions regarding the personnel:

- [a] What is the level of experience the individuals assigned to the project have on similar projects?
- [b] How well do resumes demonstrate backgrounds that would be desirable for individuals engaged in the work the project requires?

Questions regarding the firm:

- [c] How well has the firm demonstrated experience in completing similar projects on time and within budget?
- [d] How successful is the general history of the firm regarding timely and successful completion of projects?
- [e] Has the firm provided letters of reference from previous clients and how well do they demonstrate the likelihood the offeror will successfully complete the project?
- [f] If a subcontractor will perform work on the contract, how well do they measure up to the evaluation used for the offeror?
- [g] To what extent does the experience of the firm exceed the minimum requirements in Section 2.08?
- [h] How well has the offeror described the proximity of the offeror's office to the project site?
- [i] To what degree has the offeror provided a comprehensive discussion of the firm's employment practices with regard to women and minorities?

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7.04 Alaska Offeror Preference (10 Percent)

If an offeror qualifies for the Alaska Bidder Preference, the offeror will receive an Alaska Offeror Preference. The preference will be 10 percent of the total available points. This amount will be added to the overall evaluation score of each Alaskan offeror.

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**SECTION EIGHT
ATTACHMENTS**

8.01 Attachments

Attachments

1. Proposal Evaluation Form
2. Standard Agreement Form - Appendix A
3. Appendix B2
4. Notice of Intent to Award

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**Attachment 1
PROPOSAL EVALUATION FORM**

All proposals will be reviewed for responsiveness and then evaluated using the criteria set out herein.

Person or Firm Name _____

Name of Proposal Evaluation (PEC) Member _____

Date of Review _____

RFP Number _____

EVALUATION CRITERIA AND SCORING

THE TOTAL NUMBER OF POINTS USED TO SCORE THIS PROPOSAL IS 100

7.01 Understanding of the Project, Methodology used for the Project—25 Percent

Maximum Point Value for this Section - 25 Points

100 Points x 25 Percent = 25 Points

Proposals will be evaluated against the questions set out below.

[a] How well has the offeror demonstrated a thorough understanding of the purpose and scope of the project?

EVALUATOR'S NOTES _____

[b] How well has the offeror identified pertinent issues and potential problems related to the project?

EVALUATOR'S NOTES _____

[c] To what degree has the offeror demonstrated an understanding of the deliverables the state expects it to provide?

EVALUATOR'S NOTES _____

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[d] Has the offeror demonstrated an understanding of the state's time schedule and can meet it with the proposed methodology?

EVALUATOR'S NOTES _____

[e] To what extent does the offeror's proposal exceed the minimum project specifications in Section 5.02?

EVALUATOR'S NOTES _____

EVALUATOR'S POINT TOTAL FOR 7.01 _____

7.02 Management Plan for the Project—30 Percent

Maximum Point Value for this Section - 30 Points
100 Points x 30 Percent = 30 Points

Proposals will be evaluated against the questions set out below.

[a] How well does the management plan support all of the project requirements and logically lead to the deliverables required in the RFP?

EVALUATOR'S NOTES _____

[b] To what extent does the offeror already have the hardware, software, equipment, and licenses necessary to perform the contract?

EVALUATOR'S NOTES _____

[c] To what extent has the offeror proposed to utilize Alaskan vendors and resources in the performance of the project?

EVALUATOR'S NOTES _____

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[d] Does it appear that the offeror can meet the schedule set out in the RFP?

EVALUATOR'S NOTES _____

[e] To what degree is the proposal practical and feasible?

EVALUATOR'S NOTES _____

[f] To what extent has the offeror identified potential problems?

EVALUATOR'S NOTES _____

EVALUATOR'S POINT TOTAL FOR 7.02 _____

7.03 Experience and Qualifications—35 Percent

Maximum Point Value for this Section - 35 Points
100 Points x 35 Percent = 35 Points

Proposals will be evaluated against the questions set out below.

Questions regarding the personnel.

[a] What is the level of experience the individuals assigned to the project have on similar projects?

EVALUATOR'S NOTES _____

[b] How well do resumes demonstrate backgrounds that would be desirable for individuals engaged in the work the RFP requires?

EVALUATOR'S NOTES _____

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Questions regarding the firm.

[c] How well has the firm demonstrated experience in completing similar projects on time and within budget?

EVALUATOR'S NOTES _____

[d] How successful is the general history of the firm regarding timely and successful completion of projects?

EVALUATOR'S NOTES _____

[e] Has the firm provided letters of reference from previous clients and how well do they demonstrate the likelihood the offeror will successfully complete the project?

EVALUATOR'S NOTES _____

[f] If a subcontractor will perform work on the project, how well do they measure up to the evaluation used for the offeror?

EVALUATOR'S NOTES _____

[g] To what extent does the experience of the firm exceed the minimum requirements in Section 2.08?

EVALUATOR'S NOTES _____

[h] How well has the offeror described the proximity of the firm's office to the project site?

EVALUATOR'S NOTES _____

[i] To what extent has the offeror provided a comprehensive discussion of the firm's employment practices with regard to women and minorities?

EVALUATOR'S NOTES _____

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EVALUATOR'S POINT TOTAL FOR 7.03

7.04 Alaska Offeror Preference — 10 Percent

Alaska bidders receive a 10 percent overall evaluation point preference.

Point value for Alaska bidders in this section -- 10 Points

100 Points x 10 Percent = 10 Points

If an offeror qualifies for the Alaska Bidder Preference, the offeror will receive an Alaska Offeror Preference. The preference will be 10 percent of the total available points. This amount will be added to the overall evaluation score of each Alaskan offeror.

EVALUATOR'S POINT TOTAL FOR 7.04 (either 0 or 10)

EVALUATOR'S COMBINED POINT TOTAL FOR ALL SECTIONS

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APPENDIX B²

INDEMNITY AND INSURANCE

Article 1. Indemnification

The Contractor shall indemnify, hold harmless, and defend the contracting agency from and against any claim of, or liability for error, omission or negligent act of the Contractor under this agreement. The Contractor shall not be required to indemnify the contracting agency for a claim of, or liability for, the independent negligence of the contracting agency. If there is a claim of, or liability for, the joint negligent error or omission of the Contractor and the independent negligence of the Contracting agency, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "Contractor" and "Contracting agency", as used within this and the following article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "independent negligence" is negligence other than in the Contracting agency's selection, administration, monitoring, or controlling of the Contractor and in approving or accepting the Contractor's work.

Article 2. Insurance

Without limiting Contractor's indemnification, it is agreed that Contractor shall purchase at its own expense and maintain in force at all times during the performance of services under this agreement the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the Contractor's policy contains higher limits, the state shall be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the Contracting Officer prior to beginning work and must provide for a notice of cancellation, nonrenewal, or material change of conditions in accordance with policy provisions. Failure to furnish satisfactory evidence of insurance or lapse of the policy is a material breach of this contract and shall be grounds for termination of the Contractor's services. All insurance policies shall comply with, and be issued by insurers licensed to transact the business of insurance under AS 21.

2.1 Workers' Compensation Insurance: The Contractor shall provide and maintain, for all employees engaged in work under this contract, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal U.S.L. & H. and Jones Act requirements. The policy must waive subrogation against the State.

2.2 Commercial General Liability Insurance: covering all business premises and operations used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per occurrence.

2.3 Commercial Automobile Liability Insurance: covering all vehicles used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per occurrence.

2.4 Professional Liability Insurance: covering all errors, omissions or negligent acts in the performance of professional services under this agreement. Limits required per the following schedule:

Contract Amount	Minimum Required Limits
Under \$100,000	\$300,000 per Occurrence/Annual Aggregate
\$100,000-\$499,999	\$500,000 per Occurrence/Annual Aggregate
\$500,000-\$999,999	\$1,000,000 per Occurrence/Annual Aggregate
\$1,000,000 or over	Refer to Risk Management