

**STATE OF ALASKA RFP NUMBER 2014-1000-2569
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: June 24, 2014

RFP TITLE: Airborne Geophysical Surveys of Interior and Southern Alaska

RFP CLOSING DATE AND TIME: July 2, 2014, 5:00 p.m. Alaska time. (NOT CHANGED)

The purpose of this amendment is to answer questions that have been asked by potential offerors and make some changes to the RFP as a result of these questions (See Pages 2-4 of this amendment).

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, appearing to read "Yulia Mukhina", written over a horizontal line.

Yulia Mukhina
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Questions and Answers

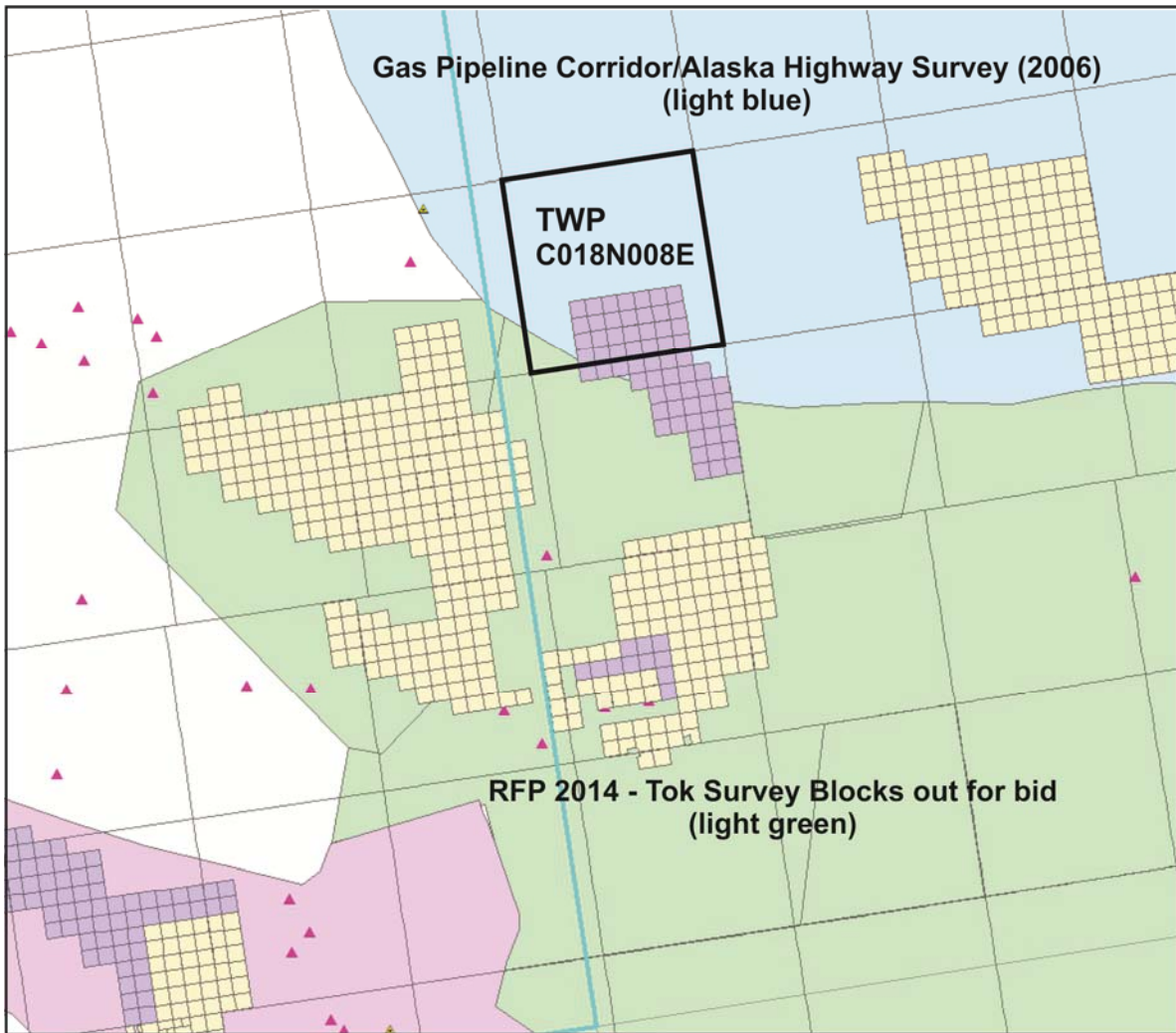
June 25, 2014

1. Q. Section 5.5.3 & Section 4.1.2: Section 5.5.3 states “Tok survey: Traverse (production) line direct will be N10°E” where past surveys in the area, Alaska Highway Corridor & Slate Creek – Slana River were flown at N10°W. Please confirm that the intended direction is N10°E, not N10°W, as per previous surveys in the Tok area.
A. The RFP is correct. Line direct is to be N10°E.
2. Q. Section 5.2 and Figure 3: Section 5.2 states “The Tonsina areas named and labeled ‘Profiles’ are four areas where two lines each should be extended from block A. A total of 8 lines will be extended into block B if block B is not surveyed” while Figure 3 shows the Profile areas in block C. Should this statement read “A total of 8 lines will be extended into block C if block C is not surveyed”? Also, will the location of these profile lines be defined prior to commencement of the survey or are they to be selected during acquisition (i.e. are the Profile areas outlined fixed as outlined)?
A. The RFP is in error. Modify next to last sentence in Section 5.2 to now read: “A total of 8 lines will be extended into block C if block C is not surveyed”. The profile areas outlined are fixed. A small amount of flexibility will be permitted to ensure the Profile areas encompass two lines each.
3. Q. Section 5.11.2: Section 5.11.2, Item 3 states “All necessary radiometric reading”. Radiometrics is not listed as technology to be used elsewhere in the RFP, nor is it listed as a final product. Please confirm that radiometrics is not intended in either the Tok or the Tonsina survey areas.
A. The RFP is in error. Delete Item 3 “All necessary radiometric readings” from Section 5.11.2.
4. Q. Would you consider time-domain instead of frequency-domain? TDEM will provide better depth penetration, better resolution, better tolerance to flight height variations, and a more competitive price.
A. TDEM will not be considered for RFP 2014-1000-2569. Frequency domain electromagnetic data (FDEM) is specified for RFP 2014-1000-2569 for its ability to delineate resistive units and detect steeply dipping geologic features. These data are to improve the large scale geologic understanding of the survey area and promote exploration. These data are not intended as tool for deep conductor targeting.
5. Q. I have a question related to line directions in both the Tok and Tonsina areas and whether they are defined based on Geographic or Project coordinate systems. On past State surveys the line direction has been defined in terms of the Geographic (Lat / Lon) coordinate system which has a slight rotation in relation to Projected (UTM) coordinate system. This rotation was calculated from the centre of the survey area. On the Tok areas if line direction defining as geographic N10°W this would match the 2008 survey boundary using a rotation to projected of 3° (projected N7°W). On the Tonsina areas using geographic N15°W results in lines intersecting the boundaries at shallow angles where using projected N15°W has these lines parallel to adjacent boundaries. It appears that the intent is to define Tok as geographic N10°W and Tonsina as projected N15°W. Please confirm.

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- A. Survey lines are to be parallel to shapefile boundaries, Tok as geographic N10°W and Tonsina as projected N15°W.
6. Q. Section 6.4.2, Table 5, and the profile areas. Please verify that under Option 4 of Table 5 profiles would also be required with the combination A + B (A + B + Profiles).
- A. The RFP is in error. Modify Option 4 in Table 5, Section 6.4.2 to be “A + B + Profiles”. If all proposals received back do not reflect this change, Option 4 will not be used for cost scoring.
7. Q. I'd like to suggest a minor addition to the survey boundaries. There is a high grade Au epithermal system just barely north of the northwestern most portion of survey Tok_01. Extending the survey to cover sections 25-36 in Township C018N008E would be very useful and I think beneficial to the State of Alaska in the long term. If necessary perhaps the survey could be diminished on the western portion or in one of the areas were development of a mine would be very difficult.
- A. As the enclosed figure shows, Township C018N008E falls within the previously flown 2006 Gas Pipeline Corridor/Alaska Highway DGGs survey, which can be downloaded at the following link: <http://www.dggs.alaska.gov/pubs/project-orderform/83>

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END OF QUESTIONS AND ANSWERS