

# MULLIKIN SURVEYS

P.O. Box 790, Homer, AK 99603-0790

Ph. & Fax: (907) 235-8975

January 30, 2009

Ms. Emily Nelson, Procurement Spec. V  
Central Region  
AKDOT & PF, ROW Engineering  
4111 Aviation Avenue  
P.O. Box 196900  
Anchorage, AK 99519-6900

Re: RFP 2006-22, PSA 62118  
Alaska Tideland Survey No. 1672

Dear Ms. Nelson:

Please find included with this fax a short technical proposal of how Mullikin Surveys intends to complete this project along with a cost proposal outline.

We hope to mobilize for the field work in April or May, but this may be delayed due to snow conditions and uncertain scheduling on other projects.

We've only had a copy of the Special Survey Instructions since Monday afternoon, January 26, 2009, and received the RFP letter on Tuesday, January 27, 2009. We've also had an intense schedule for working on other time critical projects this week. Due to this I do have two important questions to clarify with Patrick Green (DNR) regarding the Special Survey Instructions. I left a message at 3 PM today on his voice mail, so he probably will not have time to reply to me by the time this proposal is due. These questions are:

1) On page 3 of the Special Survey Instructions, paragraph 4, "Field tie shall be made to all monuments which control the parcel sidelines. . . ." Special Instructions show only four monuments to be recovered, but it appears to me additional monumentation may need to be recovered in order to meet the specifications in this paragraph such as monuments which control partial sidelines and adjustment of record meander lines.

2) The other pertinent question is about a BLM plat recorded in 2006, plat no. 2006-08, Kodiak Recording District, that shows numerous recent monumentation and meanders which may affect the scope of this project. This plat is not included in the Special Instructions; therefore, I hope to discuss this with Patrick Green next week.

Sincerely,

Donald E. Mullikin, P.L.S.

DEM:jvm

# MULLIKIN SURVEYS

P.O. Box 790, Homer, AK 99603-0790

Ph. & Fax: (907) 235-8975

January 30, 2009

## TECHNICAL PROPOSAL & SCHEDULE

RFP 2006-22, PSA 62118, Alaska Tideland Survey No. 1672

After receiving Notice to Proceed, preliminary research and computations will proceed in the Homer office of Mullikin Surveys. A Professional Land Surveyor (PLS) will compute or check the data generated. About 15 plats with multiple sheets will be reviewed to confirm original meanders, existing monuments, and potential fill areas. We will review the DNR preliminary and final decisions. We would complete basic research to determine upland ownership and obtain permission to set monuments.

We have discussed the project with the Port Lions City Clerk and the Kodiak Island Borough Land Management Development Department Director. We have also briefly discussed the project with Patrick Green, PLS, DNR scrivener of Special Instructions.

We will meet with the Port Lion's mayor to apprise him of our survey efforts. The Kodiak Island Borough will not require a review of the plat.

We asked Patrick Green about the level of detail of as-builts of improvements within the Tideland Survey boundaries and his emphasis was to determine that improvements are within or outside of the survey limits, with some detail necessary only along boundary lines, e.g., we do not need to measure every finger of the mooring slips.

We will use a tide bench mark as available; if not, then several days of tides will be measured to determine ordinary high water (OHW). This elevation will be extended to determine the meander lines via RTK GPS. Appropriate quality control via redundant measurements and total station will verify integrity of datum and measurements. Static GPS/GLONASS measurements will verify recovered and set monuments and control. We shall endeavor to set or recover suitable points for future GPS surveys.

We will obtain RTK "shots" near the OHW points and will also obtain a "shot" higher and lower in elevation. This will ensure we can depict the OHW lines, via an elevation line in a TIN, should further modification of elevations occur in the office.

A Professional Land Surveyor will be in Port Lions to guide the survey and ensure that quality control measures are implemented. This will probably be Don Mullikin, PLS, or Murray Nash, PLS.

Primary office work/review will be accomplished by Tom Latimer, PLS, or Mike Frame, PLS, with a final review by the Project Manager, Don Mullikin, PLS.

### TENTATIVE SCHEDULE

January 30	Submit proposal
March 1	Notice to Proceed
March 5	Complete preliminary research and computations
March 18	Mobilize equipment and mail supplies, as possible
March 30	Travel to site via commercial airline; consider charter air craft or use Alaska ferry, as possible
April 22	Submit preliminary plat to DNR & DOT
May 22	Make any revisions required on the plat
June 22	Final plat recorded