



ENGINEERS, INC.

May 24, 2022

PND 22J044

Mr. Karl Hagerman  
Utility Director  
Petersburg Borough  
PO Box 329  
Petersburg, AK 99833

Re: Petersburg Subdivision Improvements – Cost Estimates

Dear Karl,

PND Engineers, Inc. (PND) appreciates the opportunity to provide this fee proposal for engineering services on the referenced project. We understand Petersburg is considering its options for developing two subdivisions on Borough owned property and is interested in understanding the full project costs for each including roadway and utility construction, permitting, surveys, design, contract administration, inspection and closeout services. The two subdivisions include an expansion of the Airport Subdivision and an extension of Fram Street from 9<sup>th</sup> to 11<sup>th</sup> Street. Both of these areas are currently undeveloped with the exception of an existing transite water main in Fram Street that needs to be replaced.

The scope of services under this proposal includes the following for each subdivision.

1. Cursory assessment of water, sewer, storm drain and power utility needs in coordination with Borough staff.
2. Earthwork material quantity computations for full core out excavation to competent hard pan and classified backfill for roadway structure to meet Borough Standard Details.
3. Preliminary cost estimates for roadways, drainage, utilities, engineering and other indirect costs. We will coordinate our estimates with local civil contractors to verify unit costs for the major earthwork and utility installations and will coordinate with the Borough for power utility extensions.
4. Brief letter report with exhibits.

Assumptions: PND will work closely with Borough staff and anticipates we will be provided all necessary topo and property boundary information from the Borough's GIS mapping system. We understand the Borough will provide peat probe data along each alignment to assess depth of muskeg for estimating purposes. We also anticipate that PMPL will provide guidance and cost information for the power utility extensions and therefore have not included the services of an electrical engineer in this proposal.

PND proposes to perform the described work on a lump sum basis for \$7,200. We appreciate the opportunity to provide these services to Petersburg Borough on this important project and are available to commence quickly upon authorization. Please let me know if you wish to see any changes to the proposed scope of services or to the assumptions we have made in preparing this proposal. We look forward to working with you.

Sincerely,

PND Engineers, Inc. | Juneau Office

Dick Somerville, P.E. | Vice President