



October 15, 2014
W.O. 70565

Mr. Chris Cotta
Assistant Public Works Director
Petersburg Borough
Post Office Box 329
Petersburg, Alaska 99833

Subject: Force/Gravity Main and Pump Stations 1 and 2 Improvements
Proposal/Agreement for Additional Engineering Services – Amendment No. 4

Dear Mr. Cotta:

DOWL HKM is pleased to submit the following scope of work and budget for additional civil engineering services. Following the discussions between DOWL HKM, the State of Alaska Department of Transportation and Public Facilities (DOT&PF), and the Petersburg Borough Public Works Department, the design scope has been modified. The project has been broken into two phases, with no changes to the overall proposed improvements.

Phase 1 – Improvements within the DOT&PF Right-of-Way (ROW). The work occurring within the DOT&PF ROW, including the new force main and the gravity sewer main improvements, will occur under the DOT&PF Petersburg Nordic Drive Refurbishment: Haugen Drive to Ferry Terminal Project 68048, as originally planned.

Phase 2 – Pump Station 1 and 2 Improvements. The work occurring at Pump Stations 1 and 2, including connecting to the new force main and abandonment of the existing force main, will be submitted, bid, and constructed as a separate project.

The purpose behind the transition from a single-phased project to a two-phased project is to reduce the costs incurred by the Petersburg Borough for DOT&PF inspection work on improvements that are outside of their right-of-way. The improvements to the Pump Stations 1 and 2 will not require DOT&PF inspection.

The proposed additional civil engineering services covered in Amendment 4 include separation of the pump station improvements from the DOT&PF plans and contract documents into separate plans and contract documents. This will require:

- additional coordination with the DOT&PF as part of Phase 1,
- the creation of a new set of plans and contract documents as part of Phase 2,
- an additional 95% design submittal for the new plans and documents with time for review and revisions as part of Phase 2,
- an additional 100% design submittal as part of Phase 2, and
- the additional work involved with State of Alaska Department of Environmental Conservation (DEC) Design Permitting.

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Amendment 4 also includes the following items:

- bidding phase services (Design Clarification Variance Requests and answering questions).

The intent is to coordinate the construction of the force main and gravity main proposed improvements with the reconstruction of South Nordic Drive, administered by the DOT&PF, scheduled for construction during the summer of 2015. The pump station improvements will follow.

FEE PROPOSAL

We propose to furnish the above-described basic services for a total fee of \$32,190. This total fee consists of the following components that are covered in detail on the attached estimate:

Phase Description (Basic Services)

Phase 2 – 95% Draft Plans and Specifications (Time & Materials [T&M])	\$ 9,805
Phase 2 – 100% Plans and Contract Documents (T&M)	\$ 7,700
Phase 2 – DEC Design Permitting (T&M)	\$ 4,575
Construction Bidding Services (T&M)	<u>\$10,110</u>
TOTAL	\$32,190

We trust this provides adequate information for evaluating our proposal. We look forward to working with you on this project and will be happy to answer any additional questions you may have.

Sincerely,
DOWL HKM



Aaron Christie, P.E.
Project Manager

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Attachments: As stated

This proposal/agreement is accepted, and DOWL HKM is authorized to proceed with the work.

Signature

Date