



October 15, 2014

Memorandum

To: Steve Giesbrecht, Borough Manager
CC: Karl Hagerman, Public Works Director
From: Chris Cotta, Assistant Public Works Director
Re: Pump Station 1 Force Main Upgrade - Dowl HKM Design Contract Amendment #4

As you know, the Pump Station 1 Force Main Upgrade project is an ongoing Borough effort to replace a failing wastewater force main located on the beach line with a new force main located within the South Nordic Drive right-of-way. This project is included in the Borough's capital project plan for the wastewater utility and is being funded by the Alaska Department of Environmental Conservation (ADEC). The Borough has been coordinating with DOT to implement the force main improvements concurrent with DOT's project to refurbish South Nordic Drive.

The Pump Station 1 Force Main Upgrade project has been divided into two phases. This development was an effort to keep project construction costs down by separating that portion of the work within the street right-of-way (primarily the force main and related gravity sewer improvements) from the pump station improvements. The work within the right-of-way will be implemented by DOT as part of their upcoming South Nordic Drive project. This will be Phase 1 of the force main project. Related pump station improvements will be Phase 2, and will occur after Phase 1 is complete. This second construction phase will be implemented by Petersburg Borough without DOT's participation, which will save the Borough the costs associated with DOT involvement.

Originally, the Pump Station 1 Force Main Upgrade project was not phased, and was engineered accordingly. Phasing the project added some complexity to the design process and resulted in additional design costs, although the savings on the construction side will more than make up for it. Although we have mostly finished up with Phase 1 design and expect DOT will put that phase out to bid in November, more engineering work is needed in order to finish up Phase 2 design. Dowl HKM has provided an estimate for the services needed to finish up Phase 2 and put it out to bid (quote attached for reference).

Design of the Pump Station 1 Force Main Upgrade project is being funded by a \$270,000 ADEC design loan. If approved, Amendment #4 would bring Dowl's contract total to \$219,199 which is still well within the project design budget. For the reasons described above, Public Works recommends accepting Dowl's proposal for Amendment #4 services in the amount of \$32,190. If you agree with this recommendation, please present it to the Borough Assembly for consideration at their next regular meeting on October 20, 2014. Thank you.

Attachment: Dowl HKM Fee Proposal – Amendment No. 4

Public Works Department

PO Box 329, Petersburg, AK 99833 – Phone (907) 772-4430 Fax (907) 772-4102

www.petersburgak.gov