



PND Engineers, Inc.
Petersburg Scow Bay 1 Pump Station Upgrade
Engineering Services Fee Proposal January 9, 2015
PND Proposal No. 14J089

Engineering Services for Scow Bay 1, Time and Materials Cost Summary											
Scope of Services	PND Senior Engineer VII	PND Senior Engineer VI	PND Senior Engineer III	PND Senior Engineer I	PND Staff Engineer IV	PND Staff Engineer III	PND Tech V	PND Tech IV	PND CAD Designer V	Line Item Costs	Task Subtotal Costs
1. Scoping and Budget Site visit, scoping meeting and minutes preparation.	4			16						\$2,560	
2. Site Survey and Investigations Coordinate Survey work with Borough and Rick Braun. Collect, organize and interpret data from Rick's survey and Borough geotechnical investigation. Telephonic coordination meeting with Borough.	2			12						\$1,740	
3. Preliminary Design (35% Completion) Design, calculation and drawings production. Coordination with pump and equipment manufacturers and suppliers. 35% Design drawings and cost estimate submitted; coordination with sub-consultants deliverables to	4			40			2		24	\$7,820	
4. Final Design (90% Completion) Continued Design, calculations and drawings production. Special Provisions and technical specifications development. Design compatibility site visit. 90% Design Review Submittal plans, specifications and cost estimate; coordination with sub-consultants and deliverables to Borough.	8			96			2		40	\$16,500	
5. Prepare bid ready documents and deliver to Borough.	4			40			4		20	\$7,660	
Total Estimated Man-hours	22			204			8		84		\$36,280
Estimated Third Party Expenses											
Misc. Expenses	Reproduction and misc. consumables										\$1,000
2 Round Trip Airfares											\$650
Lodging, Vehicle and Per Diem	2 Overnights										\$500
Boreal Controls Inc.	Electrical and Controls Sub-consultant										\$12,960
Rick Braun	Survey Sub-consultant										\$6,430
Administrative Fee	10% Markup on third party expenses										\$2,154
TOTAL TIME AND MATERIALS ESTIMATE (T&M)											\$23,694
											\$59,974

Note:
 Fee estimate is for scope of services described in the Petersburg Borough's Scow Bay 1 Request for Proposal and the design as understood by PND; described in PND's Proposal. Fee does not include geotechnical investigation, permitting services, bid phase services, construction contract administration, or construction inspection.