



ENGINEERS, INC.

March 28, 2023

PND 211100

Mr. Austin Rake
Project Manager
City of Valdez – Capital Facilities Dept
P.O. Box 307
300 Airport Road, Suite 201
Valdez, Alaska 99686

Subject: Valdez Harbor –Revised H-K Detailed Design and CMGC Corrections REV 1

Dear Mr. Rake:

PND Engineers, Inc. (PND) appreciates the continued opportunity to provide engineering services to the City of Valdez (City) for the Small Boat Harbor (SBH) H-K Major Reconstruction project. This proposal covers the design fees associated with the following:

1. Redesign efforts associated to the City directed float layout modification of the H-K floats.
2. Changes to the project duration and change from Design-Bid-Build (DBB) to CM/GC project delivery method.
 - a. Original proposal assumed design work would be completed in late 2021. The extension of the project timeline and shift to CM/GC delivery method have increased project management and coordination efforts assumed in the original contract and proposal.
3. Construction Administration (CA) and Home Office Support.
 - a. Some project components have shifted into procurement, fabrication and construction phases. The original engineering services contract and referenced PND proposal excluded all CA, inspection and project closeout task (task 10-13)
4. Harbor Utilities Design at Floats to Remain
 - a. This task was included in original contract scope (tasks 1-9 and 14-17) but the total contract amount did not include proposed value.
5. Inclusion of inspection of the float fabrication facility and onsite construction activities.

PND's proposed amendments to the existing agreement for professional services, Contract No. 1791 is as follows:

Amend Task 07 – H-K Replacement Design

Increase total not to exceed value by \$35,350, see attached fee breakdown.

Fee basis: Lump Sum, Fixed Fee

Addition of Task 19: CMGC Project Management and Coordination

Addition of \$31,080 to new Task 19: CMGC Project Management and Coordination, see attached fee breakdown.

Fee basis: Time and Materials

Inclusion of Task 11 – Construction Administration and Home Office Support

Inclusion of \$85,050 from original proposal and an additional \$32,425 to include inspection services at the float fabrication facility in Woodinville, WA. Inspections frequency is expected to be twice weekly during the early phases of fabrication and ramp down if quality and workmanship allows.

Fee basis: Time and Materials

Addition of Construction Inspection

Onsite engineer inspections during the pile driving, float installation, gangway installations and structural modifications to the trestles. Based correspondence with the contractor, the expected duration of these activities is approximately 10 weeks. Additional full time onsite inspection \$130,773.

Fee basis: Time and Materials

Inclusion of Task 17 – Harbor Utilities Design at Floats to Remain

Inclusion of \$45,630 from original proposal. This work has been in progress and PND has billed \$15,971 under this task to date. Reference original contract and proposal.

Fee basis: Lump Sum, Fixed Fee

Deliverable Schedule

Stamped drawings for H-K and Tour Dock improvement – May 5, 2023

Please see the attached detailed summary of PND's fee proposal to complete the work.

Feel free to contact us anytime if you have further questions or concerns. We look forward to working with you on this project.

Sincerely,
PND Engineers, Inc.



Doug Kenley, P.E.
Vice President



Chip Courtright, P.E., S.E.
Principal

Attachments:
PND Fee Breakdown

TASK	Senior Eng. VII	Senior Eng. VI	Senior Eng. V	Senior Eng. I	Staff Eng. V	Env. Scst. III	Senior Land Surv. III	Senior Land Surv. II	CAD Designer VI	Subtotal PND Labor	Subs.	Expense.	Total
PND Base Wage Rate	\$210.00	\$195.00	\$175.00	\$135.00	\$125.00	\$135.00	\$130.00	\$120.00	\$125.00				
7 - H-K Re-Design													
Layout Drafting and Coordination	4	10			10				30	\$7,790			\$7,790
Structural Design	4	10			50				30	\$12,790			\$12,790
Floatation Design		8			30				10	\$6,560			\$6,560
Utility Coordination and Detailed Design	6	10			40					\$8,210			\$8,210
<i>Subtotal Hrs</i>	<i>14</i>	<i>38</i>	<i>0</i>	<i>0</i>	<i>130</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>70</i>				<i>252</i>
<i>Subtotal \$</i>	<i>\$2,940</i>	<i>\$7,410</i>	<i>\$0</i>	<i>\$0</i>	<i>\$16,250</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$8,750</i>	<i>\$35,350</i>	<i>\$0</i>	<i>\$0</i>	\$35,350
19 - Project Management and Coordination													
Weekly CMGC team meetings (Oct 22 - May 24')	30	52								\$16,440			\$16,440
Contractor/Fabricator Coordination	14	60								\$14,640			\$14,640
<i>Subtotal Hrs</i>	<i>44</i>	<i>112</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>				<i>156</i>
<i>Subtotal \$</i>	<i>\$9,240</i>	<i>\$21,840</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$31,080</i>	<i>\$0</i>	<i>\$0</i>	\$31,080
3 -Construction Administration - Float Fabrication Inspections													
Design Review and Coordination with Float Manufacturer			6	200						\$28,050			\$28,050
Submittal Review			25							\$4,375			\$4,375
<i>Subtotal Hrs</i>	<i>0</i>	<i>0</i>	<i>31</i>	<i>200</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>				<i>231</i>
<i>Subtotal \$</i>	<i>\$0</i>	<i>\$0</i>	<i>\$5,425</i>	<i>\$27,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$32,425</i>	<i>\$0</i>	<i>\$0</i>	\$32,425
4 -Construction Inspection													
Onsite Inspections (10 weeks @ 7/12 shift)				840						\$113,400		\$17,373	\$130,773
<i>Subtotal Hrs</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>840</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>				<i>840</i>
<i>Subtotal \$</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$113,400</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$113,400</i>	<i>\$0</i>	<i>\$17,373</i>	\$130,773
Total Design Hours													
Total Design \$	58	150	31	1040	130	0	0	0	70				1479
	\$12,180	\$29,250	\$5,425	\$140,400	\$16,250	\$0	\$0	\$0	\$8,750	\$212,255	\$0	\$17,373	\$229,628

Additional PND Direct Labor	\$212,255
Inclusions of additional tasks from original proposal	\$130,680
Expenses	\$17,373
Total Additions Cost	\$360,308
Previous Contract Amount	\$758,642
New Contract Amount	\$1,118,950