



## CITY & BOROUGH OF WRANGELL SPECIAL ASSEMBLY MEETING AGENDA

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**Thursday, April 12, 2018  
5:30 p.m.**

**Location: Assembly Chambers,  
City Hall**

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1. Call to Order
2. Roll Call
3. Conflict of Interest
4. Persons to be Heard
5. Item(s) of Business:
  - a. Approval of an Amendment to the Professional Services Agreement with PND Engineers in the Amount of \$31,915.75 for Engineering Design Services for the Shoemaker Bay Harbor Project
  - b. **PROPOSED RESOLUTION No. 04-18-1407:** A RESOLUTION OF THE ASSEMBLY OF THE CITY & BOROUGH OF WRANGELL, ALASKA REPEALING RESOLUTION 01-18-1392 AND UPDATING RESOLUTION 06-15-1321 REGARDING THE FINANCING PLAN FOR THE SHOEMAKER BAY HARBOR PROJECT RELATING TO THE PROJECT BUDGET AND ISSUANCE OF REVENUE BONDS

*Although this Resolution is on the Agenda, it will not be considered. Lisa will explain why, at the meeting.*

6. Adjournment

**CITY & BOROUGH OF WRANGELL, ALASKA**  
**BOROUGH ASSEMBLY AGENDA STATEMENT**

<u>AGENDA ITEM TITLE:</u>	<u>NO.</u>	5a	<u>DATE:</u>	April 12, 2018
APPROVAL OF AN AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT WITH PND ENGINEERS IN THE AMOUNT OF \$31,915.75 FOR ENGINEERING DESIGN SERVICES FOR THE SHOEMAKER BAY HARBOR PROJECT				
<u>SUBMITTED BY:</u>		<u>FISCAL NOTE:</u>		
		<b>Expenditure Required:</b>		
		\$31,915.75		
Amber Al-Haddad, Public Works Director		<b>Amount Budgeted:</b>		
		\$0		
		<b>Account Number(s):</b>		
		74010-000-7900		
		<b>Account Name(s):</b>		
		Harbor Dept.'s CIP for Shoemaker Harbor		
<u>Reviews/Approvals/Recommendations</u>		<b>Unencumbered Balance (prior to expenditure):</b> \$960,943.85 (this balance includes \$16,515.75 of the T&E paid to date, but requiring formal amendment)		
<input checked="" type="checkbox"/>	Borough Assembly			
n/a	Attorney			
n/a	Insurance			
<b><u>ATTACHMENTS:</u></b>				
1. PND Engineers' March 26, 2018 proposal to provide design completion for the Shoemaker Harbor Rehabilitation project.				

**RECOMMENDATION:**

Move to approve an Amendment to the Professional Services Agreement with PND Engineers in the amount of \$31,915.75 for design service for the Shoemaker Bay Harbor project.

**SUMMARY STATEMENT:**

PND Engineers was hired to provide engineering design services for Wrangell's Shoemaker Bay Harbor project. The initial engineering design proposal included a Time and Expense line item to address permitting issues. This current action item serves to increase that budget item for additional work necessary to complete the design project.

Over the course of the design phase, the disposal plan regarding dredged soil material changed. During the early planning stages, the material was to be stockpiled in the harbor parking lot with the presumption

that the CBW would be able to dispose of the material by way of community interest. After later gradation testing on the dredging area materials, results deemed the material composition to be high in sand and fines, with a much lessor percentage of gravel material. As we looked for another appropriate location for disposal of this material, we also reviewed the material's potential for contamination.

PND was instrumental in leading us through options for the dredge material analysis, State and Federal agencies' criteria for soil testing and assisting the CBW staff in a disposal sites' review for both disposal costs and construction efficiencies. Through this added work effort, PND expended their permitting budget, and it was agreed that they would account for their additional time on a Time and Expense basis. To date, PND has incurred an added \$16,515.75 in engineering staff fees to assist through the dredge material testing and disposal review. These project costs have been reimbursed to PND as submitted with their monthly billings and were paid from the FY18 CIP Shoemaker Harbor Replacement fund approved for the project in the Harbor Department's budget. These costs should be formalized in an amendment to PND's professional services agreement.

Additionally, there is further work required to complete the project which must be accounted for through an amendment as well. This further work, estimated by PND at \$15,400, includes development of the dredge material disposal site alternatives for site layout, site construction requirements, and environmental controls as direction for the Contractor's work at each site. There is also the engineering plan review required by ADEC and the Fire Marshal, both of which PND is managing in order to obtain agency concurrence with the project's design.

As a side item, we offer an update regarding the dredge disposal site alternatives. After submitting our permit application to the US Army Corps of Engineers for the Inert (Spur Road) Waste Monofill, we learned that under our prior permit, although expired in 2002, we may continue to place fill in the footprint of land which has, to date, had its wetlands impacted. Therefore, we can continue to use this site for overburden disposal as long as we do not exceed the previously-disturbed footprint. To extend the footprint, impacting additional wetlands, we would need to obtain a new permit which would require a full alternatives analysis, including wetlands delineation, site survey, and compensatory mitigation, requiring a 120+ day timeline and associated expense. Staff will explore pursuit of this Monofill site expansion option; however, for the purpose of the Shoemaker Bay Harbor project soil disposal, we have the capacity to dispose of this material at that site now. That said, we will maintain the two disposal site alternatives in the project's bid schedule to allow the CBW the option as to which site to select pending review of the contractors' proposed cost for each option.

Moving forward with bidding for a 2018-2019 project is pending completion of the project design items listed, as well as securing the project funds through bonding which is being addressed under a separate item on the Assembly's agenda. PND anticipates receipt of agency concurrence within thirty days, which would allow this project to proceed this year.



March 26, 2018

PND 152018.02

Amber Al-Haddad  
Director of Public Works and Capital Projects  
City and Borough of Wrangell  
Wrangell, Alaska 99929

Re: Shoemaker Bay Harbor Replacement – Dredge Disposal & Permitting Issues  
Additional Engineering Services Summary & Fee Proposal

Dear Amber:

PND Engineers, Inc. (PND) appreciates the opportunity to provide you with this summary of additional engineering services related to dredge disposal and permitting issues on the referenced project. PND has been assisting the City and Borough of Wrangell (CBW) over the past several months to locate an acceptable upland disposal site for approximately 7,000 CY of dredge spoils from Shoemaker Bay Harbor. We have been performing this work at your direction and authorization under our T&M Permitting Task and have been providing monthly invoices for our services which have all been approved to date. The CBW now wishes for PND to develop design and contract documents for two upland disposal sites. The Base Bid Disposal Site will be located on former Wrangell Institute property and Additive Alternate C Disposal Site will be located at the CBW Monofill near the existing gun range. You have requested PND to summarize the additional engineering costs to date as well as the remaining costs for preparing design and contract documents as described for incorporating into an amendment to our design contract.

#### Scope and Fee Summary

Description	Additional Cost
1. Authorized services thru March 25, 2018. Research sampling requirements to meet state and federal protocols, physical property testing of harbor sediments, preliminary technical, schedule and cost assessments for four additional upland disposal sites, update geotechnical report with CBW test pit information.	\$16,515.75
2. Completion of ADEC and Fire Marshal plan reviews of water and sewer systems.	\$2,000.00
3. Travel, site visit and work session with CBW to confirm contract scope for two proposed disposal sites, including expenses.	\$3,000.00
4. Prepare Base Bid site plan, typical sections & details for Institute property based on CBW provided site information.	\$3,400.00
5. Prepare Add. Alt C site plan, typical sections & details for Monofill property based on CBW provided site information.	\$3,400.00
6. Prepare material quantity estimates, technical specifications and bid documents for Items 4 and 5.	\$3,600.00
<b>Total Contract Amendment Amount</b>	<b>\$31,915.75</b>

PND proposes to complete the above services on a Time and Expenses basis within 30 days of receiving formal authorization and final site information from the CBW. Thank you for reviewing this proposal and please let me know if we have accurately assessed your needs or whether you desire any modifications to our proposal.

Sincerely,  
PND Engineers, Inc. | Juneau Office

A handwritten signature in blue ink, appearing to read "Dick Somerville".

Dick Somerville, P.E.  
Vice President