



<b>TRANSMITTAL MEMORANDUM</b>
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TO: The Honorable Mayor and City Council

FROM: Karl R. Amylon, City Manager

DATE: April 23, 2021

RE: **Approving Change Order No. 1 (Final) to Contract No. 20-21 - Bar Harbor North Piling Replacement, Pool Engineering, Inc.**

At its meeting of December 17, 2020, the City Council adopted a motion accepting the bid of Pool Engineering, Inc. in the amount of \$213,500 for Contract No. 20-21, Bar Harbor North Piling Replacement. The motion adopted by the City Council also established a ten percent contingency in the amount of \$21,350, bringing the total project cost to \$234,850.

Attached for City Council review is Change Order No. 1 (Final) to Contract No. 20-21 in the amount of \$9,372.50. The rationale for the change order is detailed in Acting Port & Harbors Director Mark Hilson's transmittal memorandum and requires no elaboration on the part of my office. I concur with the Acting Port & Harbors Director's recommendation.

Mr. Hilson will be attending the City Council meeting of May 6, 2021, in order to address any questions and/or concerns that Councilmembers may have.

A motion has been prepared for City Council consideration.

**RECOMMENDATION**

It is recommended the City Council adopt the motion approving Change Order No. 1 (Final) in the amount of \$9,372.50 to Contract No. 20-21, Bar Harbor North Piling Replacement, between the City of Ketchikan and Pool Engineering, Inc., bringing the total contract amount to \$222,872.50; authorizing funding from the Bar Harbor North Piling Replacement Project capital account; and directing the City Manager to execute the change order on behalf of the City Council.

**Recommended Motion:** I move the City Council approve Change Order No. 1 (Final) in the amount of \$9,372.50 to Contract No. 20-21, Bar Harbor North Piling Replacement, between the City of Ketchikan and Pool Engineering, Inc., bringing the total contract amount to \$222,872.50; authorize funding from the Bar Harbor North Piling Replacement Project capital account; and direct the City Manager to execute the change order on behalf of the City Council.



**2933 Tongass Avenue  
Ketchikan, Alaska 99901  
Phone (907) 228-5632  
Fax (907) 247-3610**

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## **MEMORANDUM**

**TO:** Karl Amylon, City Manager

**FROM:** Mark Hilson P.E., Acting Port and Harbors Director

**DATE:** April 20, 2021

**SUBJECT:** **Contract No. 20-21, Bar Harbor North Piling Replacement, Change Order 1 (Final)**

On December 17<sup>th</sup>, 2020 the City Council awarded Contract 20-21 Bar Harbor North Piling Replacement to Pool Engineering, Inc. in the amount of \$213,500 with a ten percent contingency of \$21,350. The City Council also established a project budget of \$251,667 that included the cost of preparing the design bid documents, advertising for bids, and Army Corps of Engineers permit in addition to the contract costs.

The project is complete. The attached Change Order 1 (Final) represents costs incurred due to a piling that failed in the wind storms in January. While this pile was slated for replacement as a part of this contract, the contractor spent additional time and used different equipment to maneuver to and then grab the stub of piling near the sea floor and extract it. This effort resulted in a net addition to the contract price of \$9,372.50 for a final contract amount of \$222,872.50. Change Order 1 (Final) is attached and details these changes, and will be funded from the project contingency. The balance of the project contingency will not be used.

### **RECOMMENDATION:**

It is recommended that the City Council adopt a motion approving Change Order 1 (Final) to Contract No. 20-21 Bar Harbor North Piling Replacement in the amount of \$9,372.50 for a final contract amount of \$222,872.50, and a revised project cost of \$239,689.50; and authorize the City Manager to execute the change order on its behalf.

### **RECOMMENDED MOTION:**

I move that the City Council adopt a motion approving Change Order 1 (Final) to Contract No. 20-21 Bar Harbor North Piling Replacement in the amount of \$9,372.50 for a final contract amount of \$222,872.50, and a revised project cost of \$239,689.50; authorize funding of \$9,372.50 from the contract contingency; and direct the City Manager to execute the change order on behalf of the City Council.

### **Attachments:**

20-21 Change Order 1 (Final)



**PUBLIC WORKS DEPARTMENT**  
**Pool Engineering, Inc.**  
**PO Box 6000**  
**Ketchikan, AK 99901**

**2930 Tongass Avenue**  
**Ketchikan, Alaska 99901**  
**Phone: 907-228-4727**  
**Fax: 907-225-8721**

March 9, 2021

**Re: Bar Harbor North Piling Replacement, Contract No. 20-21, Change Order 1 (FINAL)**

Description: Replace 13 steel piling in Bar Harbor North


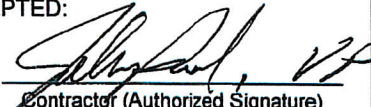
Reason for Change Order: An initial response in an attempt to pull the piling on float 12 that was damaged in a winter storm was attempted, but with boats in adjacent stalls and the weather that day, Pool Engineering Inc. could not get close enough to pull it with the vibratory extractor. It was stabilized, but later on failed. During a low tide cycle in the evening, Pool Engineering Inc. switched clamps on the vibratory extractor to a timber clamp, were able to extract the stub, and then switched back to our standard piling clamp.

Attachments: Spreadsheet dated 3.5.21

<b>CHANGE IN CONTRACT PRICE:</b>	<b>CHANGE IN CONTRACT TIMES:</b>
<b>Original Contract Price:</b>  \$ 213,500	<b>Original Contract Times:</b> Beneficial Occupancy - Substantial Completion - April 15, 2021 Final Completion - May 15, 2021
<b>Net changes from previous Change Orders:</b>  \$ 0	<b>Net changes from previous Change Orders:</b> Beneficial Occupancy - April 15, 2021 Substantial Completion - April 15, 2021 Final Completion - May 15, 2021 (days or dates)
<b>Contract Price prior to this Change Order:</b> (See page 2 of 2 for Summary)  \$ 213,500	<b>Contract Times prior to this Change Order:</b> Beneficial Occupancy - Substantial Completion - April 15, 2021 Final Completion - May 15, 2021 (dates)
<b>Net increase (decrease) of this Change Order:</b>  \$ 9,372.50	<b>Net Increase (decrease) of this Change Order:</b> Beneficial Occupancy - 0 Substantial Completion - 0 Final Completion - 0 (days or dates)
<b>Contract Price with all approved Change Orders:</b>  \$ 222,872.50	<b>Contract Times with all approved Change Orders:</b> Beneficial Occupancy - April 15, 2021 Substantial Completion - April 15, 2021 Final Completion - May 15, 2021 (days or dates)

# CHANGE ORDER No. 1, CONTINUED

The above amount covers all work in connection with this Change Order. Your acceptance and the Owner's acceptance shall constitute and become a part of your contract with the City of Ketchikan dated 12-22, 2021.

<b>RECOMMENDED:</b>  <small>Digitally signed by Mark Hillson, P.E. DN: cn=US, email=emhillson@city.ketchikan.ak.us, o=City of Ketchikan, CN=Mark Hillson, P.E.</small> By: <u>Mark Hillson, P.E.</u> <u>Engineer (Authorized Signature)</u> Date: _____	<b>APPROVED:</b> By: _____ <u>Owner (Authorized Signature)</u> Date: _____	<b>ACCEPTED:</b> By:  <u>Contractor (Authorized Signature)</u> Date: <u>3/10/2021</u>
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## SUMMARY OF PREVIOUS CHANGE ORDERS:

CHANGE ORDER No.	DESCRIPTION OF CHANGES	CONTRACT PRICE		CONTRACT TIME	
		INCREASE	DECREASE	INCREASE (days)	DECREASE (days)
1	Float 12 Emergency Piling	\$9,372.50		0	0
2					
3					
4					
5					
6					
7					
8					
9					
10					
TOTAL INCREASE		\$9,372.50		0	
TOTAL DECREASE			\$0		0
NET CHANGE FROM PREVIOUS CHANGE ORDERS		\$9,372.50		0	



## BHN PILING, EMERGENCY WORK ON FLOAT 12 INVOICE SUMMARY

LABOR	COST RATE	M/U	RATE
PROJECT MANAGEMENT			\$ 85.00
CONSTRUCTION LABOR			
STRAIGHT TIME			\$ 85.00
OVERTIME			\$ 110.00

**EQUIPMENT (FUEL INCLUDED, PER FHWA / BLUEBOOK RATES)**

BOOM TRUCK	HOUR	\$ 90.00
HITACHI 210	HOUR	\$ 100.00
HITACHI 350	HOUR	\$ 175.00
KOBELCO 480	HOUR	\$ 212.00
CAT 315	HOUR	\$ 75.00
DRESSER D3 DOZER	HOUR	\$ 40.00
10 CY HWY DUMP TRUCK	HOUR	\$ 65.00
TYLER ROCK TRUCK	HOUR	\$ 130.00
A35	HOUR	\$ 130.00
H2 CRANE BARGE	HOUR	\$ 350.00
HC 218 CRANE	HOUR	\$ 190.00
CHILKAT TUG	HOUR	\$ 200.00
CECIL P PUSH TUG	HOUR	\$ 250.00
LC1 CREW BOAT	HOUR	\$ 200.00
PILE HAMMER	HOUR	\$ 75.00
KABOTA MINI	HOUR	\$ 20.00
SUNNY POINT BARGE	DAY	\$ 1,500.00
CAT 908 LOADER	HOUR	\$ 50.00
MR. HUXLEY TUG	HOUR	\$ 250.00
SKIFF	HOUR	\$ 25.00
FLATBED	HOUR	\$ 25.00
TRACTOR / TRAILER	HOUR	\$ 75.00
HYSTER FORKLIFT	HOUR	\$ 60.00
LIGHT PLANT	HOUR	\$ 30.00
EXTENDABLE FORKLIFT	HOUR	\$ 60.00

MATERIAL / EXPENSE	COST	M/U	MARKED UP
		15%	\$ -
		15%	\$ -
		15%	\$ -
		15%	\$ -
		0%	\$ -

[illegible]

December 17, 2020

**Award of Contract No. 20-21 - Bar Harbor North Piling Replacement – Pool Engineering, Inc.**

Moved by Zenge, seconded by Flora the City Council accept the bid of Pool Engineering, Inc. in the amount of \$213,500 for Contract No. 20-21, Bar Harbor North Piling Replacement; establish a ten percent contingency in the amount of \$21,350, bringing the total project cost to \$234,850; authorize a budget transfer of \$58,752 from Appropriated Reserves of the Harbor Construction Fund to the Harbor Department's Bar Harbor North Piling Replacement Project; and direct the city manager to execute the contract documents on behalf of the City Council.

Motion passed with Gage, Zenge, Bradberry, Flora, Bergeron, Kiffer and Gass voting yea.

**Award of Contract No. 20-30 – Schoenbar Culvert FEMA Flood Analysis – R&M Engineering-Ketchikan**

Moved by Zenge, seconded by Flora the City Council award Contract No. 20-30, Schoenbar Culvert FEMA Flood Analysis, in the amount of \$75,020 to R&M Engineering-Ketchikan; establish a ten percent contingency in the amount of \$7,502 bringing the total project cost to \$82,522; authorize funding from the Streets Division's 2020 Schoenbar Creek Culvert Repair Capital Account; and direct the city manager to execute the contract documents on behalf of the City Council.

Motion passed with Gage, Zenge, Bradberry, Flora, Bergeron, Kiffer and Gass voting yea.

**2021-2023 Agreement for Joint Use of Ketchikan Public Utilities System Poles – New Cingular Wireless PCS, LLC (AT&T)**

Moved by Zenge, seconded by Flora the City Council approve the 2021-2023 Joint Use of Ketchikan Public Utilities System Poles Agreement between New Cingular Wireless PCS, LLC (AT&T) and Ketchikan Public Utilities and authorize the general manager to execute the agreement on behalf of the City Council.

Motion passed with Gass, Kiffer, Gage, Zenge, Bradberry, Flora and Bergeron voting yea.

**Change Order No. 1 to Contract No. 20-12 - Water Meters Design/Build – Business & Commercial Customers – Ketchikan Mechanical, Inc.**

Moved by Zenge, seconded by Flora the City Council approve Change Order No. 1 to Contract No. 20-13, Water Meters Design/Build – Business & Commercial Customers, between the City and Ketchikan Mechanical, Inc. extending the contract completion date by thirty days; and direct the general manager to execute the change order on behalf of the City Council.

Motion passed with Gass, Kiffer, Gage, Zenge, Bradberry, Flora and Bergeron voting yea.

**Budget Transfer – Sales, Marketing & Customer Service Division Temporary Wages**

Moved by Zenge, seconded by Flora the City Council authorize the general manager to transfer \$13,200 from the Sales, Marketing & Customer Service Division's Regular Salaries and Wages Account No. 500.01 to the Temporary Wages Account No. 502.01 for the purpose of funding wages paid to temporary employees used during COVID-19 pandemic associated activities and/or events.

Motion passed with Gass, Kiffer, Gage, Zenge, Bradberry, Flora and Bergeron voting yea.