

“BUILDING AND PRESERVING ALASKA’S FUTURE”

FY 2018 Dredging Program
WEDA Pacific Chapter 2017 Conference

Michael Tencza, Operations Project Manager
U.S. Army Corps of Engineers – Alaska District
25 October 2017

“The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”



**US Army Corps
of Engineers.**



AWARDED CONTRACTS



US Army Corps
of Engineers.



ANCHORAGE HARBOR

- Location: Anchorage is located at the northern end of Cook Inlet in Southcentral Alaska.
- Project Description: Authorized by the Rivers and Harbors Act, 3 July 1958, and amended by P.L. 108-447 in 2005 to replace the existing dock with a new 10,860 foot long inter-modal marine facility. This port is the largest cargo port in Alaska serving as the main supply and distribution center for the south-central and interior areas as well as the two large military bases within the Municipality of Anchorage. Water Borne Commerce was 3.5 million short tons for year 2016.



- Maintenance Dredging 2015 thru 2017
- Dredge Type: Hopper
- Quantity: 1,100,000 CY/year
- Authorized Depth: -35 feet MLLW
- Dredge Period: 20 April to 10 November
- Placement: In-Water
- Contractor: Manson Construction Co.
- Contract Type: RFP Base + 2 Option Years



US Army Corps
of Engineers.



DILLINGHAM HARBOR

- Location: Northern end of Nushagak Bay in western Alaska.
- Project Description: The Rivers and Harbors Act of 1958 provides for a 650 to 800 foot wide by 700 foot long basin utilizing a 1,100 foot long entrance channel to Nushagak Bay. The harbor provides half-tide access and all-tide moorage for over 320 commercial fishing vessels. The harbor is also used as an alternate landing area for lighterage vessels.



- Maintenance Dredging 2017 thru 2019
- Dredge Type: Pipeline
- Quantity: 110,000 CY/Year
- Authorized Depth: +2 feet MLLW
- Dredge Period: 15 May to 15 July
- Placement: In-Water
- Contractor: Alaska Marine Excavation LLC
- Contract Type: IFB Base + 2 Option Years



US Army Corps
of Engineers.



HOMER HARBOR

- Location: Southern end of the Kenai Peninsula in Southcentral Alaska.
- Project Description: Authorized by the River and Harbors Acts of 1958 and 1964. The 50-acre project provides sheltered moorage for over 1,525 commercial fishing and recreational vessels. The harbor is an integral part of Homer's economy and supports barges, USCG vessels, and the commercial fishing fleet.



- Maintenance Dredging 2017 thru 2019
- Dredge Type: Pipeline
- Quantity: 9,000 CY/Year + USCG 7,000 CY/Year
- Authorized Depth: -20 & -26 feet MLLW
- Dredge Period: USCG Dock in April; Harbor & USCG Dock in September to mid-October
- Placement: Upland and Beneficial Use
- Contractor: Alaska Marine Excavation LLC
- Contract Type: IFB Base + 2 Option Years



US Army Corps
of Engineers.



NINILCHIK HARBOR

- Location: Western side of the Kenai Peninsula on the shores of lower Cook Inlet.
- Project Description: Authorized by the Rivers and Harbors Act of 1958. The small basin provides protected moorage with half-tide access for 32 vessels. The basin and channel also provide access for fishing boats to unload their catch and take on supplies. It is also an important harbor of refuge in the lower Cook Inlet region.



- Maintenance Dredging 2017 thru 2019
- Dredge Type: Pipeline & Mechanical
- Quantity: 11,000 CY/Year
- Authorized Depth: +2 & +9 feet MLLW
- Dredge Period: 25 April to 15 May
- Placement: Upland and Beneficial Use
- Contractor: Alaska Marine Excavation LLC
- Contract Type: IFB Base + 2 Option Years
- Included in Homer Contract as Optional Items



US Army Corps
of Engineers.



THOMAS BASIN

- Location: Thomas Basin is located in Ketchikan along Tongas Narrows in southeast Alaska.
- Project Description: Authorized by the Rivers and Harbors Act of 1930 and constructed in 1933. The project consists of a 940 foot long rubble-mound breakwater and 11 acre mooring basin. Maintenance dredging has been accomplished by the Corps five times since construction was completed.



- Maintenance Dredging
- Dredge Type: Mechanical
- Quantity: 4,500 CY
- Authorized Depth: -10 feet MLLW
- Dredge Period: November 2017 – February 2018
- Placement: Upland
- Contractor: Western Marine Construction, Inc.
- Contract Type: RFP Low Price, Technically Acceptable



US Army Corps
of Engineers.



UPCOMING CONTRACTS



US Army Corps
of Engineers.



ANCHORAGE HARBOR

- Location: Anchorage is located at the northern end of Cook Inlet in Southcentral Alaska.
- Project Description: Authorized by the Rivers and Harbors Act, 3 July 1958, and amended by P.L. 108-447 in 2005 to replace the existing dock with a new 10,860 foot long inter-modal marine facility. This port is the largest cargo port in Alaska serving as the main supply and distribution center for the south-central and interior areas as well as the two large military bases within the Municipality of Anchorage. Water Borne Commerce was 3.5 million short tons for year 2016.



- Maintenance Dredging 2018 thru 2020
- Dredge Type: Hopper and/or Mechanical
- Quantity: 1,100,000 CY/year
- Authorized Depth: -35 feet MLLW
- Dredge Period: 1 May to 1 November
- Placement: In-Water
- Solicitation: o/a 30 October 2017
- Contract Type: RFP Best Value Trade Off; Base + 2 Option Years
- Options: Cook Inlet Nav Channel, Winter Dredging, Transitional Dredging

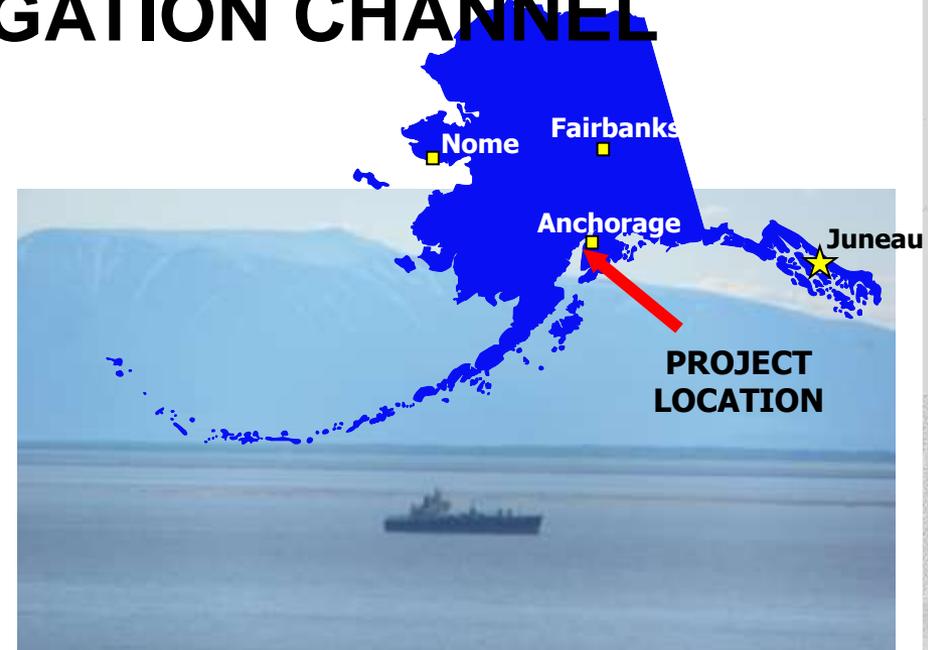


US Army Corps
of Engineers.



COOK INLET NAVIGATION CHANNEL

- Location: Cook Inlet Navigation Channel is located in Knik Arm approximately 7 miles southwest of the Port of Anchorage.
- Project Description: The Water Resources Development Act of 1996 and Energy and Water Development Appropriations Act of 1999 provide a navigation channel approximately 10,925ft long X 1,017ft wide. This project provides additional time for the passage of deep draft vessels transiting to and from the Port of Anchorage. Construction was completed in 2000.



- Maintenance Dredging 2018 thru 2020
- Dredge Type: Hopper and/or Mechanical
- Quantity: 350,000 CY/year
- Authorized Depth: -38 feet MLLW
- Dredge Period: 15 June to 30 August
- Placement: In-Water
- Solicitation: o/a 30 October 2017
- Contract Type: RFP Best Value Trade Off; Base + 2 Option Years
- Included in Anchorage Contract as Optional Items



US Army Corps
of Engineers.



NOME HARBOR

- Location: Nome Harbor is located on the southern coast of the Seward Peninsula in western Alaska. The city is approximately 540 miles northwest of Anchorage.
- Project Description: Authorized by the Rivers and Harbors Acts of 1917, 1935, 1948 and most recently by the WRDA 1999. The project consists of a 3,450 foot long entrance channel protected by a 2,986 foot long rubble-mound breakwater and sediment collection basin. The city is the transportation and commerce center for the Norton Sound area of Alaska.

PROJECT LOCATION



- Maintenance Dredging 2018 thru 2020
- Dredge Type: Unrestricted
- Quantity: 69,000 CY/year
- Authorized Depth: -10 to -22 feet MLLW
- Dredge Period: Ice Out to 31 July
- Placement: Beach Nourishment
- Solicitation: o/a 25 October 2017
- Contract Type: IFB Base + 2 Option Years



**US Army Corps
of Engineers.**



SCHEDULE



US Army Corps
of Engineers.



O&M DREDGING PLAN FOR FY18*

Project	District	Adv./Open Bids Dates	2017												2018			Volume	Placement Site	Notes
			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
			FY 2018									FY 2019								
Alaska District (POA)																				
Anchorage Harbor (Hopper and/or Mechanical)	POA	n/a	█															1.1mcy/yr	In-water	Existing contract; includes option to dredge Cook Inlet Nav. Channel.
Anchorage Harbor (Hopper and/or Mechanical)	POA	30-Oct-17 5-Dec-17								▨	▨	▨	▨	▨	▨	▨	▨	1.1mcy/yr	In-water	New contract for 2018-2020; includes option to dredge Cook Inlet Nav. Channel.
Dillingham Harbor (Pipeline)	POA	n/a								█	█							110kcy/yr	In-water	Existing contract for 2017-2019 (SB Set-Aside FB).
Homer & Ninilchik Harbors (Pipeline)	POA	n/a					█	█	█				█	█	█			27kcy/yr	Upland / Beach	Existing contract for 2017-2019 (SB Set-Aside FB).
Nome Harbor	POA	25-Oct-17 29-Nov-17									▨	▨						69kcy/yr	Beach	New contract for 2018-2020 (SB Set-Aside FB).
Thomas Basin (Mechanical)	POA	n/a	█	█	█	█	█	█										4.5kcy	Upland	Existing contract for maintenance dredging.



**US Army Corps
of Engineers.**





QUESTIONS?

Michael Tencza, Operations Project Manager
Alaska District
U.S. Army Corps of Engineers



“Building and Preserving Alaska’s Future”