

CORPS OF ENGINEERS ALASKA DISTRICT

2016 Dredging Projects

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Operations Project Manager

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US Army Corps of Engineers
BUILDING STRONG®



Building and Preserving Alaska's Future

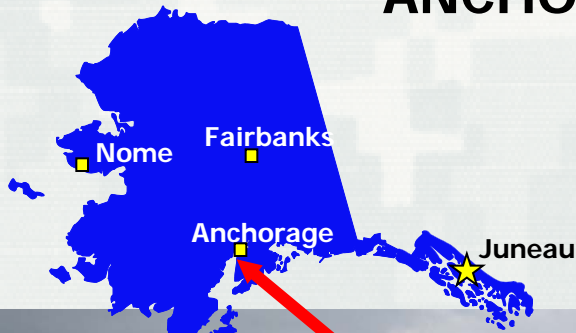


AWARDED CONTRACTS



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ANCHORAGE HARBOR



**PROJECT
LOCATION**



• **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 2.9 million short tons for year 2013.



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



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COOK INLET NAVIGATION CHANNEL

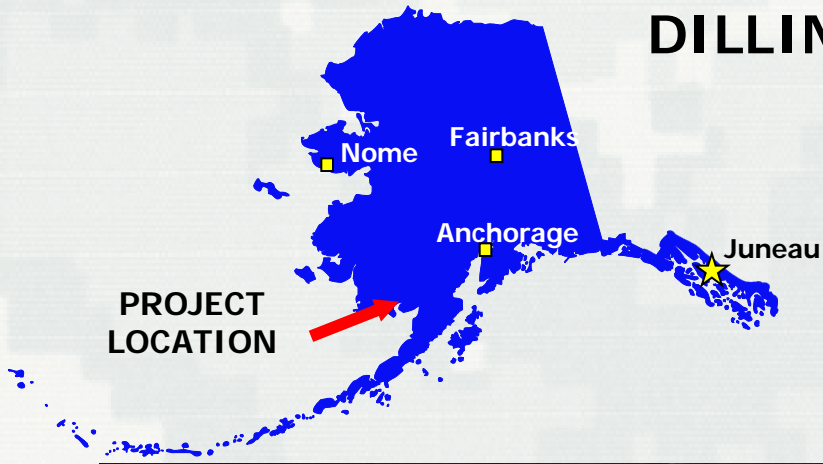


- **Location:** Cook Inlet Navigation Channel is located in Knik Arm approximately 7 miles southwest of the Port of Anchorage.
- **Project Description:** The Water Resources Development Act of 1996 and Energy and Water Development Appropriations Act of 1999 provide a navigation channel approximately 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 2015 thru 2017**
- **Dredge Type: Hopper**
- **Quantity: 350,000 CY/year**
- **Authorized Project Depth: -38 ft MLLW**
- **Dredge Period: 1 June to 15 July**
- **Disposal: In-Water**
- **Contractor: Manson Construction Co.**
- **Contract Type: RFP Base + 2 Option Years**
- **Included in Anchorage Contract as Optional Items**



DILLINGHAM HARBOR



• Location: Northern end of Nushagak Bay in western Alaska.

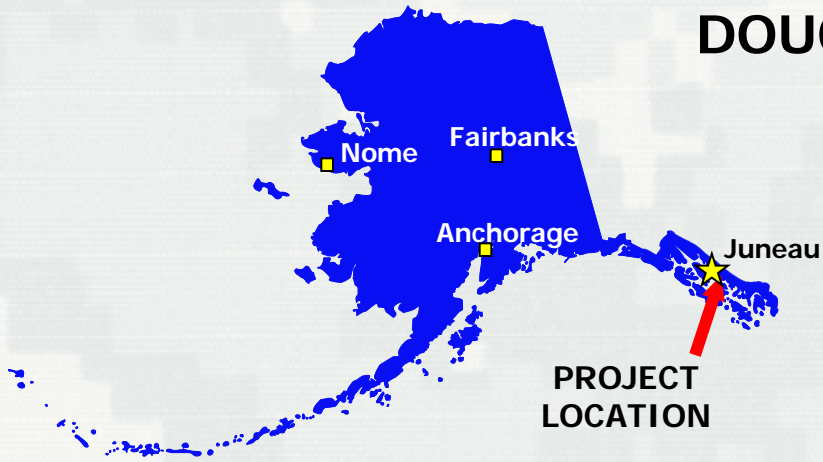
• Project Description: The Rivers and Harbors Act of 1958 provides for a 650 to 800 foot wide by 700 foot long basin utilizing a 1,100 foot long entrance channel to Nushagak Bay. The harbor provides half-tide access and all-tide moorage for over 320 commercial fishing vessels. The harbor is also used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



- Maintenance Dredging 2014 thru 2016
- Dredge Type: Pipeline
- Quantity: 95,000 CY/year
- Authorized Project Depth: +2 ft MLLW
- Dredge Period: 15 May to 15 July
- Disposal: In-Water
- Contractor: Alaska Marine Excavation
- Contract Type: IFB Base + 2 Option Years



DOUGLAS HARBOR



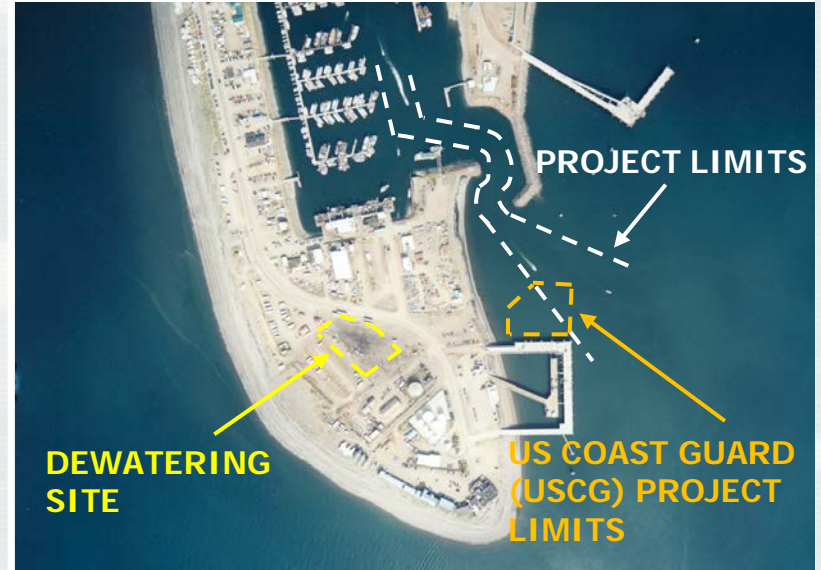
• **Location:** Southeastern Alaska, directly across Gastineau Channel from Juneau.

• **Project Description:** Dredging and in-water placement of 27,000 CY of mercury contaminated sediment followed by placement of a sand cap in the harbor and in-water disposal area. Environmental monitoring will be performed before dredging, after dredging, after sand cap placement and 1 year after completion of construction.

- **Maintenance Dredging 2015 thru 2016**
- **Dredge Type: Mechanical**
- **Quantity: 27,000 CY**
- **Authorized Project Depth: -12 ft MLLW**
- **Dredge Period: mid-November thru February**
- **Disposal: In-Water**
- **Contractor: Western Marine**
- **Contract Type: Lowest Price Technically Acceptable (LPTA) RFP**



HOMER HARBOR

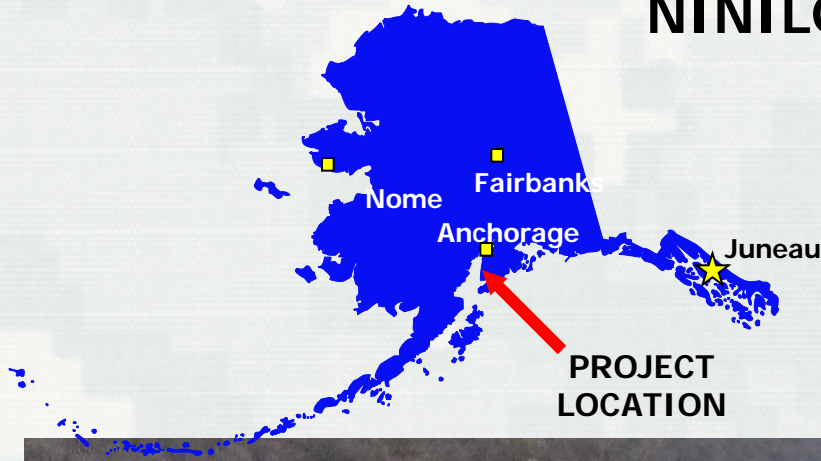


- **Location:** Southern end of the Kenai Peninsula in Southcentral Alaska.
- **Project Description:** Authorized by the River and Harbors Acts of 1958 and 1964. The 50-acre project provides sheltered moorage for over 1,525 commercial fishing and recreational vessels. The harbor is an integral part of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

- **Maintenance Dredging 2012 thru 2016**
- **Dredge Type:** Pipeline
- **Quantity:** 8,500 CY/year + USCG 7,000 CY/year
- **Authorized Project Depth:** -20 ft MLLW
- **Dredge Period:** USCG Dock in April; Harbor & USCG Dock in September to mid-October
- **Disposal:** Upland and Beneficial Use
- **Contractor:** Alaska Marine Excavation
- **Contract Type:** RFP Low Price Technically Acceptable (LPTA) Base + 4 Option Years



NINILCHIK HARBOR



• **Location:** Western side of the Kenai Peninsula on the shores of lower Cook Inlet.

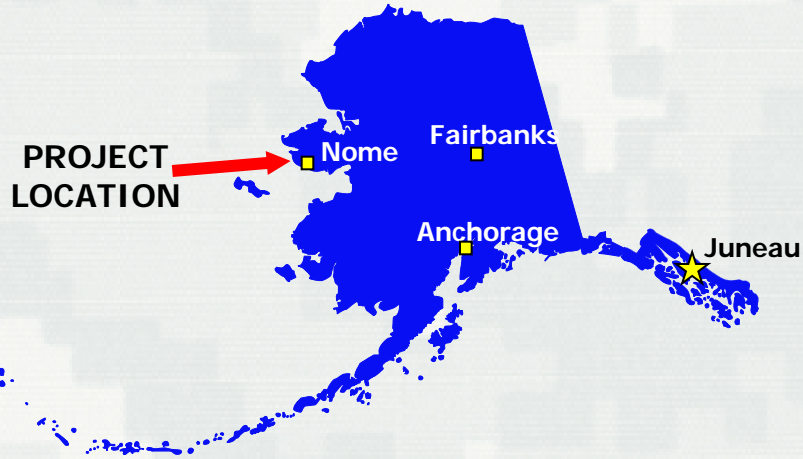
• **Project Description:** Authorized by the Rivers and Harbors Act of 1958. The small basin provides protected moorage with half-tide access for 32 vessels. The basin and channel also provide access for fishing boats to unload their catch and take on supplies. It is also an important harbor of refuge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



- **Maintenance Dredging 2012 thru 2016**
- **Dredge Type: Pipeline**
- **Quantity: 11,000 CY/year**
- **Authorized Project Depth: +2 & +9 ft MLLW**
- **Dredge Period: 25 April to 15 May**
- **Disposal: Upland and Beneficial Use**
- **Contractor: Alaska Marine Excavation**
- **Contract Type: RFP Low Price Technically Acceptable (LPTA) Base + 4 Option Years**



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.

- **Maintenance Dredging 2013 thru 2017**
- **Dredge Type: Pipeline**
- **Quantity: 34,000 CY/year**
- **Authorized Project Depth: -10,-12, & -22 ft MLLW**
- **Dredge Period: Ice Out to 31 July**
- **Disposal: Beach Nourishment**
- **Contractor: Alaska Marine Excavation**
- **Contract Type: IFB Base + 4 Option Years**



ST. PAUL HARBOR



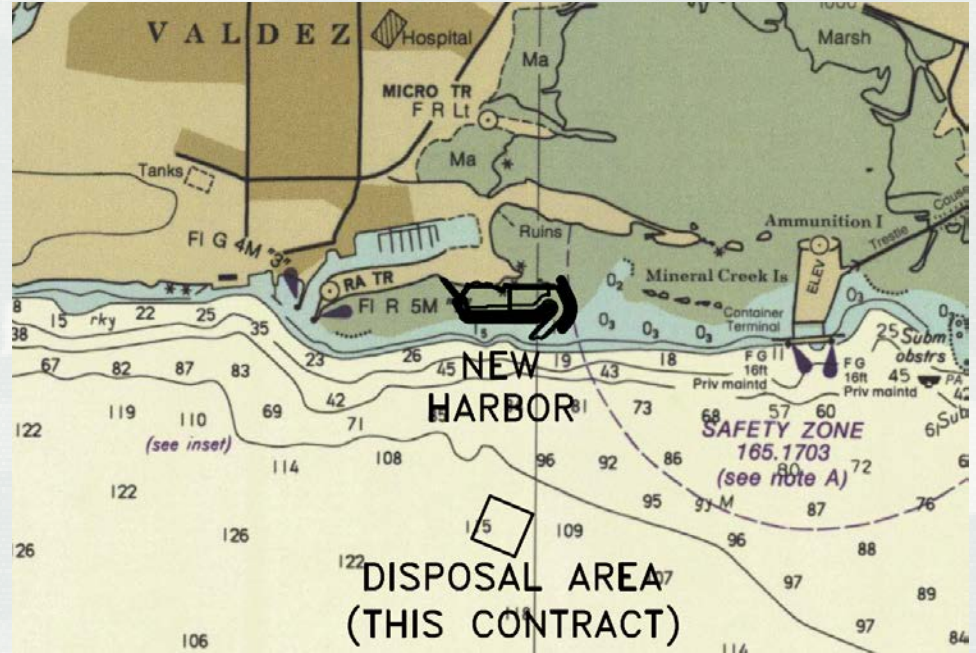
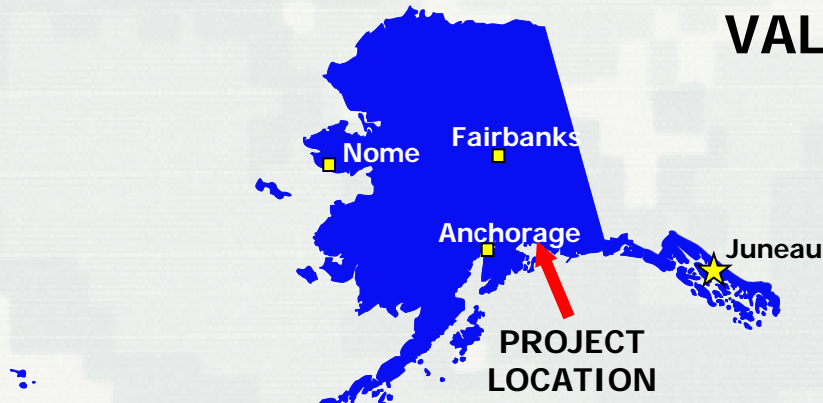
- Location: Northernmost island of the Pribilof Islands located 300 miles west of mainland Alaska in the Bering Sea

- Project Description: Perform repairs on a 1000' detached breakwater at St Paul harbor, construct scour protection at the main entrance channel and small boat harbor, and perform maintenance dredging in the main entrance channel, small boat harbor entrance channel and sediment management area.

- Breakwater Repair & Maintenance Dredging 2016
- Dredge Type: Mechanical
- Quantity: 95,000 CY
- Authorized Project Depth: Entrance Channel -30 ft MLLW; small boat harbor entrance channel -12 ft MLLW; sediment management area -10 ft MLLW
- Dredge Period: May thru August
- Disposal: Upland
- Contractor: Kiewit Infrastructure West
- Contract Type: LPTA RFP



VALDEZ HARBOR



- Location: Northeastern end of Valdez Arm in Southcentral Alaska.
- Project Description: The proposed navigation improvements will provide approximately 14 acres of additional moorage space to help alleviate overcrowding in the existing harbor. The harbor will be used by commercial, recreational, and oil spill response vessels.

- New Construction 2015 thru 2017
- Dredge Type: Mechanical and/or Hydraulic
- Quantity: 346,120 CY
- Authorized Project Depth: -13.5 & -18.5 ft MLLW
- Dredge Period: April thru mid-November subject to environmental requirements
- Disposal: In-Water
- Contractor: Western Marine Construction
- Contract Type: RFP

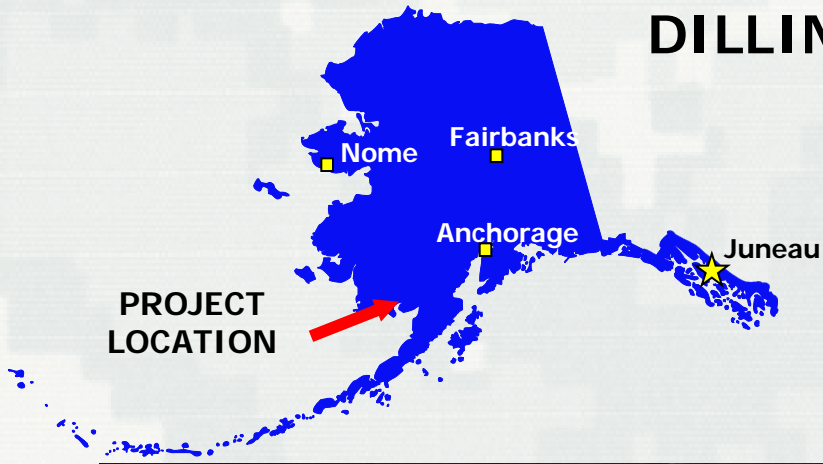


UPCOMING CONTRACTS



BUILDING STRONG®

DILLINGHAM HARBOR



• Location: Northern end of Nushagak Bay in western Alaska.

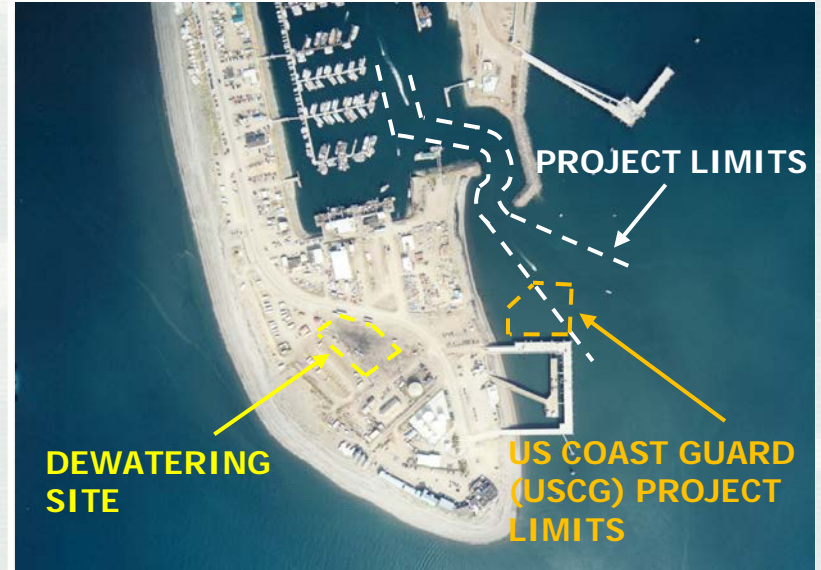
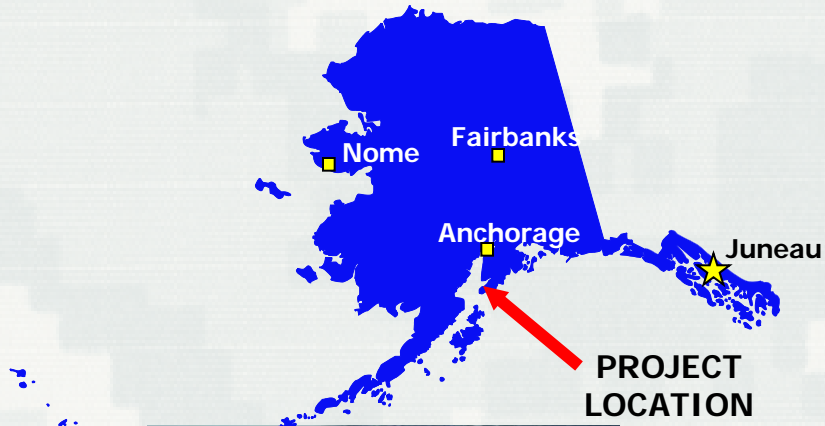
• Project Description: The Rivers and Harbors Act of 1958 provides for a 650 to 800 foot wide by 700 foot long basin utilizing a 1,100 foot long entrance channel to Nushagak Bay. The harbor provides half-tide access and all-tide moorage for over 320 commercial fishing vessels. The harbor is also used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



- Maintenance Dredging 2017 thru 2019
- Dredge Type: Pipeline
- Quantity: 95,000 CY/year
- Authorized Project Depth: +2 ft MLLW
- Dredge Period: 15 May to 15 July
- Disposal: In-Water
- Solicitation: Advertise on 7 October 2016 and due on 4 November 2016
- Contract Type: IFB Base + 2 Option Years



HOMER HARBOR

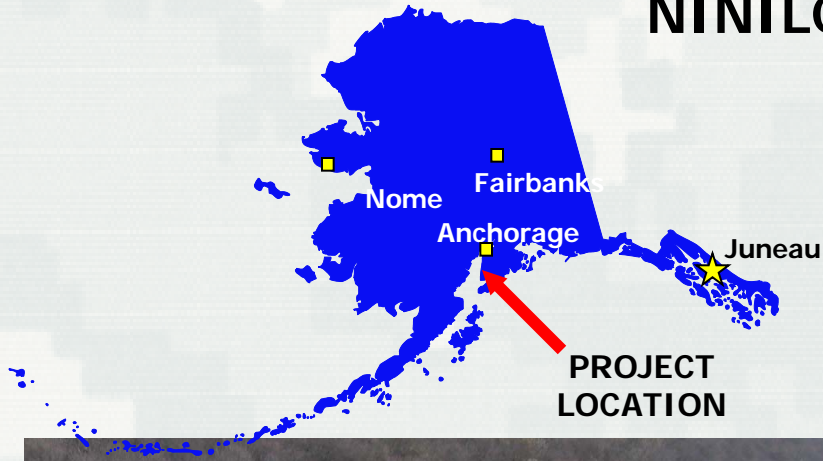


- **Location:** Southern end of the Kenai Peninsula in Southcentral Alaska.
- **Project Description:** Authorized by the River and Harbors Acts of 1958 and 1964. The 50-acre project provides sheltered moorage for over 1,525 commercial fishing and recreational vessels. The harbor is an integral part of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

- **Maintenance Dredging 2017 thru 2019**
- **Dredge Type:** Pipeline
- **Quantity:** 8,500 CY/year + USCG 7,000 CY/year
- **Authorized Project Depth:** -20 ft MLLW
- **Dredge Period:** USCG Dock in April; Harbor & USCG Dock in September to mid-October
- **Disposal:** Upland and Beneficial Use
- **Solicitation:** Advertise on 28 October 2016 and due on 2 December 2016
- **Contract Type:** IFB Base + 2 Option Years



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**
- **Quantity: 11,000 CY/year**
- **Authorized Project Depth: +2 & +9 ft MLLW**
- **Dredge Period: 25 April to 15 May**
- **Disposal: To Be Determined**
- **Solicitation: Advertise on 28 October 2016 and due on 2 December 2016**
- **Contract Type: IFB Base + 2 Option Years**



SUMMARY



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O&M DREDGING PLAN FOR FY16*

Project	District	Adv./Open Bids Dates	2015												2016			Volume	Placement Site	Notes		
			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
			FY 2016												FY 2017							
Alaska District (POA)																						
Anchorage Harbor (Hopper or Mechanical)	POA	n/a	█											█			1.1Mcy/yr	In-water	Existing contract; includes option to dredge Cook Inlet Nav. Channel.			
Dillingham Harbor (Pipeline)	POA	n/a										█					95kcy/yr	In-water	Preference to complete dredging by 30 June to minimize impacts to fishing			
Dillingham Harbor (Pipeline)	POA	07-Oct-16 / 4-Nov-16															▨		95kcy/yr	In-water	SB Set-Aside IFB	
Douglas Harbor (Mechanical)	POA	n/a	█														27kcy	In-water	Contaminated material with sand cap placement and monitoring.			
Homer & Ninilchik Harbors (Pipeline)	POA	n/a	█							█						█		19.5kcy/yr	Upland	Environmental windows vary by project location and include some		
Homer & Ninilchik Harbors (Pipeline)	POA	28-Oct-16 / 2-Dec-16														▨		19.5kcy/yr	Upland	SB Set-Aside IFB		
Nome Harbor (Pipeline)	POA	n/a										█						34kcy/yr	Beach	Dredging within inner harbor to be completed by 30 June.		
St. Paul Harbor	POA	n/a																█	█	95kcy	Upland	Breakwater repairs; includes option to dredge entrance channel.
Valdez Harbor (Mechanical or Hydraulic)	POA	n/a														█			346kcy	In-water	Navigation improvements to expand harbor. Estimated completion in Nov. 2017.	
			▨		█				█			█								Abbreviations: SB - Small Business - no invitation for bid		

* Based on FY16 President's Budget

Updated: 10/21/2015



Questions?



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