



**US Army Corps  
of Engineers**®  
New England District

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W912WJ-11-B-0002

# **Maintenance Dredging, Kennebec River, Vicinity of Doubling Point and Popham Beach**

Bath and Phippsburg, Maine

## **Construction Solicitation and Specifications**

May 2011

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Maintenance Dredging, Kennebec River, Maine

BIDDING SCHEDULE

Refer to Section 01270 MEASUREMENT AND PAYMENT

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
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BASE BID ITEM

0001	Dredging and Disposal, Material from Doubling Point Area				
0001A	First 5,300 CY	5,300	CD	\$ _____	\$ _____
0001B	Over 5,300 CY	11,700	CD	\$ _____	\$ _____
TOTAL ESTIMATED AMOUNT BASE BID ITEM					\$ _____

OPTIONAL BID ITEMS

0002	Dredging and Disposal, Material from Doubling Point Area				
0002A	First 11,200 CY	11,200	CD	\$ _____	\$ _____
0002B	Over 11,200 CY	34,700	CD	\$ _____	\$ _____
0003	Dredging and Disposal, Material from Popham Beach Area				
0003A	First 2,600 CY	2,600	CD	\$ _____	\$ _____
0003B	Over 2,600 CY	4,600	CD	\$ _____	\$ _____
TOTAL ESTIMATED AMOUNT OPTIONAL BID ITEMS					\$ _____

TOTAL ESTIMATED AMOUNT BASE AND OPTIONAL BID ITEMS \$ \_\_\_\_\_

Note 1: Item Numbers 0001, 0002, and 0003 are subdivided into two estimated quantities and are to be separately priced. The Government will evaluate each of the items on the basis of the total price of its sub-items. See SPECIAL CONTRACT REQUIREMENTS, Clause "VARIATIONS IN ESTIMATED QUANTITIES - SUBDIVIDED ITEMS" (EFAR 52.211-5001).

Note 2: The work will be awarded as a whole to one bidder, including the optional item, if exercised. Bidders must bid all items. The low bidder will be determined by the TOTAL AMOUNT, including the base bid item and the optional bid item. The minimum work awarded will be the base bid item.

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Note 3: Optional Bid Item Numbers 0002 and 0003 may, at the option of the Government, be exercised at the time of Notice to Proceed (NTP). If Optional Bid Item Numbers 0002 and/or 0003 are exercised by the Government, no additional time will be added to the contract; the contract completion date will remain as specified in Section 00 80 00 SPECIAL CONTRACT REQUIREMENTS, Subpart 1.1.

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SECTION 01 11 00

SUMMARY OF WORK

PART 1 GENERAL

1.1 WORK COVERED BY CONTRACT DOCUMENTS

The general description below is given to indicate the approximate scope of this project only. It does not limit the work required under the project drawings and specifications.

The authorized Federal Navigation Project for the lower Kennebec River consists of a channel, 27 feet deep and 500 feet wide extending from the river mouth near Popham Beach to a point about 13 miles upstream at the city of Bath.

The work of this project involves maintenance dredging of two portions (and advance maintenance dredging in one of those two portions) of the Federal project in the Kennebec River. Dredging is needed to remove dangerous shoals from the channel in advance of the transit of the U.S. Navy Destroyer SPRUANCE, currently scheduled to depart the Bath Iron Works (BIW) on or about September 1, 2011. The SPRUANCE has been deemed critical to national defense and its transit from the BIW cannot be delayed. The Contractor shall perform maintenance dredging to remove clean sandy material in the vicinity of Doubling Point (just below Bath) and at the mouth of the river near Popham Beach. The shoals in the Doubling Point area consist of massive sand-waves oscillating within vertical and horizontal ranges; the elevation at the tips of these sand-waves vary from -19.7' to -26.8'. Advance maintenance may be performed as optional work to remove the sand-waves in the vicinity of Doubling Point to a maximum elevation of -32'.

The proposed work shall be performed with a hopper dredge. The material dredged from the Doubling Point area shall be disposed of at the previously used in-river disposal site located north of Bluff Head in about 95 to 100 feet of water. Material dredged from the Popham Beach area shall be disposed at a previously used 500-yard circular near-shore disposal site located about 0.4 nautical miles south of Jackknife Ledge in depths of about 40 to 50 feet.

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Progress Schedule; G, RO

In accordance with the contract clauses, the Contractor shall, within fifteen (15) days after receipt of notice to proceed or as otherwise determined by the Contracting Officer, submit for