

BOARD OF PORT COMMISSIONERS
PORT OF REDWOOD CITY

AGENDA SHEET

SUBJECT: RESOLUTION ACCEPTING BID FOR THE MAINTENANCE DREDGING OF WHARVES 1, 2, 3, AND 4 PROJECT; AUTHORIZING EXECUTION OF AGREEMENT FOR SAID WORK AND DIRECTING RETURN OF SECURITY DEPOSITS - (MANSON-DUTRA, JV)

DATE: October 14, 2009
ITEM NO.: Item IV-A
Submitted by: Donald K. Snaman

<u>AGENDA CLASSIFICATION</u>		<u>PROGRAM AREA</u>	
<input type="checkbox"/> Policies	<input type="checkbox"/> Leases	<input type="checkbox"/> General Operations	
<input type="checkbox"/> Finance	<input checked="" type="checkbox"/> Construction	<input checked="" type="checkbox"/> Marine Terminal Operations	
<input type="checkbox"/> Legal	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Yacht Harbor Operations	
<input type="checkbox"/> Personnel	<input checked="" type="checkbox"/> Agreement	<input type="checkbox"/> Property Management	
		<input type="checkbox"/> Administration	

BACKGROUND

On September 9, 2009 the Board approved the contract documents for the Maintenance Dredging of Wharves 1, 2, 3, and 4 Project and authorized advertising for bids (copy of Background Sheet attached). Briefly, the project consists of dredging the berths to a depth of minus 34 feet with a one-foot over dredge allowance. Total volume at all berths, including allowable over-depth, is estimated at 40,732 cubic yards. Approximately 6,000 cubic yards will be disposed at an upland site on the Cemex Construction Materials Park, allowed to dry for further characterization to determine ultimate disposal.

On September 13, 2009 a Notice to Bidders was published in a local newspaper and provided to known contractors. Bids were due to the Port on October 2, 2009. A pre-bid meeting was held on September 23, 2009 to discuss the project with interested bidders. One bid was received from Manson-Dutra JV of Seattle, WA, for \$813,963.00 (bid summary sheet attached). The bid amount is based on the estimated quantity of dredged material to a depth of 34 feet. Any allowable over-depth dredging would be paid at the per cubic yard rate. The Port's engineer, Moffatt & Nichol, has reviewed the bids and is recommending the Port award the contract to Manson-Dutra JV (recommendation letter attached).

Port staff has reviewed the status of the contractor's license and bid bond and have found all to be in good order. Port staff is recommending execution of an agreement with Manson-Dutra JV for the Maintenance Dredging for Wharves 1, 2, 3, and 4 Project. Manson-Dutra JV will have sixty (60) calendar days to complete the project upon issuance of the Notice to Proceed. We expect the project to be completed by November 30, 2009.

Manager of Operations' Approval

MSJ
Date *10-8-09*

BOARD OF PORT COMMISSIONERS
PORT OF REDWOOD CITY

AGENDA SHEET

SUBJECT: RESOLUTION APPROVING CONTRACT DOCUMENTS FOR THE MAINTENANCE DREDGING FOR WHARVES 1, 2, 3, AND 4 PROJECT AND AUTHORIZING AND DIRECTING ADVERTISEMENT FOR BIDS THEREFOR

DATE: September 9, 2009
ITEM NO.: IV-B
Submitted by: Donald K. Snaman

<u>AGENDA CLASSIFICATION</u>		<u>PROGRAM AREA</u>
<input type="checkbox"/> Policies	<input type="checkbox"/> Leases	<input type="checkbox"/> General Operations
<input type="checkbox"/> Finance	<input type="checkbox"/> Construction	<input checked="" type="checkbox"/> Marine Terminal Operations
<input type="checkbox"/> Legal	<input checked="" type="checkbox"/> Maintenance	<input type="checkbox"/> Yacht Harbor Operations
<input type="checkbox"/> Personnel	<input checked="" type="checkbox"/> Other	<input type="checkbox"/> Property Management
		<input type="checkbox"/> Administration

BACKGROUND

Maintenance dredging of the berthing area for ships at Wharves 1&2 and Wharves 3&4 was last performed in 2004. These two Wharf facilities are currently handling virtually all of the Port's tonnage by ship. Both areas have silted in and require maintenance dredging in order to provide a safe berth for ships. Some of the berth areas have depths of only minus 26.3 feet. The ships calling at the Port need berthing depths of at least 33.5 feet at low tide in order to be loaded to maximum drafts.

In 2004, the Port obtained multi-episodal permits from the U.S. Army Corps of Engineers and San Francisco Bay Conservation & Development Commission. A sediment plan was submitted and sediment testing was performed in both berthing areas. Sediment testing results were submitted to the inter-agency DMMO (Dredged Material Management Office). Following further testing to locate PAH (poly-nuclear aromatic hydrocarbons) contaminated sediments and consultation with the agencies, DMMO signed off on the dredging plan in April 2008.

The Port retained the services of Moffatt & Nichol to prepare the attached plans and specifications for the public works contract. In general the scope of work is to dredge the berth areas to a depth of Minus 34 feet with a one foot over dredge. Attached is a copy of the estimated dredge quantities. Total estimated volume of dredged material is 40,732 cubic yards for both berth areas. The dredging plan calls for the disposal of all but approximately 6,000 cubic yards of dredged material at the in-Bay site at Alcatraz Island. The 6,000 cubic yards of material with elevated levels of PAHs will be disposed of at an upland site rehandling site, in a small area of the Cemex Aggregates Construction Materials Park. It will be dried out and retested prior to final disposal.

A pre-bid meeting is scheduled on September 23, 2009 for bidders to become familiar with the project and location. Bids are due and will be opened on October 2, 2009. The selected contractor will have 60 days to complete the project. The current engineer's estimate for the project will be provided to the Port Commission on September 9, 2009.

Port staff is recommending approval of the contract documents and advertising for public bids for the Maintenance Dredging - Wharves 1, 2, 3, & 4 project.

Executive Director's Approval MSJ 9-4-09
Date

Port of Redwood City
 Berth Maintenance Dredging 2009
 Volume in cubic yards

Wharves 1 & 2

	SF-11	Upland	Total
To -34'	21,156	1,088	22,244
From -34' to -35'	5,456	164	5,620
Total volume 1 & 2	26,612	1,252	27,864

Wharves 3 & 4

	SF-11	Upland	Total
To -34'	5,491	3,790	9,281
From -34' to -35'	2,614	973	3,587
Total volume 3 & 4	8,105	4,763	12,868

All Wharves

	SF-11	Upland	Total
To -34'	26,647	4,878	31,525
From -34' to -35'	8,070	1,137	9,207
Total volume all wharves	34,717	6,015	40,732

MAINTENANCE DREDGING - WHARVES 1, 2, 3 & 4

BID COMPARISONS

10/2/2009

Bid Item	Description	Estimated Quantity	Unit	Engineer's Estimate		Manson - Dutra JV	
				Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	1	LS	\$106,000.00	\$106,000.00	\$100,000.00	\$100,000.00
2	To Alcatraz Disposal Site	26,700	CY	\$17.25	\$460,575.00	\$19.30	\$515,310.00
3	To Upland Disposal Site	4,900	CY	\$14.22	\$69,678.00	\$30.00	\$147,000.00
4	Demobilization	1	LS	\$71,500.00	\$71,500.00	\$51,653.00	\$51,653.00
	Total				\$707,753.00		\$813,963.00
	Stand-by Time		Per Hour			\$1,900.00	