



DATE: September 19, 2022

TO: Honorable Mayor and Members of the City Council through City Manager

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SUBJECT: Resolution Authorizing Award of Contract for the Petaluma Turning Basin Dredging Project to Lind Marine, Inc.

RECOMMENDATION

It is recommended that the City Council adopt the attached Resolution Authorizing Award of Contract for the Marina, Turning Basin Dredging & Dock Upgrades Project (Phase: Petaluma Turning Basin Dredging Project) to Lind Marine, Inc.

BACKGROUND

The adopted 2022-23 Capital Improvement Program (CIP) budget for project #C14402010 includes dredging at the Petaluma Marina and Turning Basin. Additionally, the project includes repairs to the floating docks and gangways at both the Marina and the Turning Basin.

Funding is in the process of being determined for the dock repairs and future dredging at the Petaluma Marina. Therefore, this work is not included in this contract. The City is targeting FY 23/24 to complete dredging of the Marina, before the project's California Fish and Wildlife permit expires, provided funding is secured. The replacement of the docks and gangways at the Petaluma Turning Basin will also be under a separate contract, which the City plans to bid and construct in 2023.

The objective of the Petaluma Turning Basin Dredging Project is to perform maintenance dredging at the Petaluma Turning Basin to facilitate planned future dock replacement. This proposed dredging is part of routine maintenance for the Turning Basin that is performed as needed to remove accumulated sediment to allow navigable ingress and egress of the project area for public benefit. The dredging also increases access to the City-owned docks and will provide visiting boaters sufficient clearance to dock and visit downtown Petaluma. In addition, the dredging will return the area below the Turning Basin docks to its original design depth, so that the wooden

docks can be replaced during a future phase of the project. The material removed during this planned dredging event is permitted to be disposed of at the San Pablo Bay Dredged Material Disposal Site (SF-10), Figure 1.



Figure 1: Regional location map: Petaluma Turning Basin, in relation to SF-10 Aquatic Disposal Site.

The proposed dredging depth is 8 feet below Mean Lower Low Water (-8' MLLW) plus a one-foot over dredge allowance in the Turning Basin. Approximately 18,605 cubic yards (cy) of material would need to be dredged to reach this depth. This project involves supplemental dredging in the Turning Basin under the City docks, which the U.S. Army Corps of Engineers (USACE) did not perform during its 2020 dredge project due to logistic, timing, and permit issues.

The current contract for the dredging of the Turning Basin entails the following items:

- The removal, demolition, and disposal of the City's Turning Basin Floats to allow for dredging. New float docks will be installed as part of a separate contract in 2023.
- The removal, protection, and reinstallation of the Petaluma Small Craft Center floats and the City's Turning Basin floats designated for reinstallation. These designated sections of docks will be reinstalled immediately following the dredging in November 2022.
- The removal and storage of the East (Weller Street) gangway.
- The removal and reinstallation of the West gangway.
- The installation of any and all temporary barriers to close off the gangway landings to public access. Signage will be installed ahead of time to inform the public about the planned closures.
- The dredging of the Petaluma Turning Basin to a design depth of minus 8.0 feet (-8.0 MLLW).

DISCUSSION

The Petaluma Turning Basin Dredging Project was bid on August 4, 2022, through the issuing of a Notice Inviting Bids. The project bid opening took place on August 25, 2022, and two (2) bids were received. The breakdown of received bids is shown below:

Name of Bidder	Base Bid Total
Lind Marine, Inc.*	\$563,054.58*
The Dutra Group	\$639,315.00
Engineer's Estimate	\$620,169.00

***Lowest Responsible Bidder**

The lowest responsible bidder, Lind Marine, Inc., has over 20 years of experience performing work similar in nature to the Petaluma Turning Basin Dredging Project. Lind Marine, Inc. has performed similar scale and type projects for the City of San Francisco, the US Coast Guard Vallejo Station A, and the Oyster Cove Marina in South San Francisco. Staff verified that the contractor possesses a valid Class A (General Engineering Contractor) California Contractor's License, license number 1000690, which expires on 01/01/2023, that qualifies the contractor to perform the work.

It is recommended that the Council adopt the resolution awarding the contract to Lind Marine, Inc. in the amount of \$563,054.58.

Dredging operations are scheduled to begin in October 2022 and be completed no later than November 30, 2022, in accordance with the dredging and aquatic disposal restrictions imposed by USACE (i.e., environmental work windows). During construction, traffic may be subject to delays and lane closures; however, ingress and egress will be maintained to any homes and/or businesses impacted during said construction. Construction management and inspection services will be conducted by City staff and the City's contracted consultant, Foth and Van Dyke Associates (Foth).

PUBLIC OUTREACH

City staff have developed a community and stakeholder outreach plan for the dredging project that will be implemented in the month leading up to the start of work and will continue throughout the project.

Impacts of the project will include a one-year closure (October 2022 – November 2023) of the City dock on the northeast side of the Turning Basin until the new docks are installed. There will be a temporary closure of the Small Craft Center dock during the dredging process. The City will perform outreach to key stakeholders such as the Petaluma Yacht Club, Small Craft Center, Rowing Club, Petaluma Downtown Association, neighboring residents, and businesses along both sides of the river.

In advance of and during this project, access to the Turning Basin will be restricted to vessels involved in the dredging project and public safety vessels. Signage notifying watercraft of the Turning Basin closure will be placed along the Petaluma River. The Turning Basin will reopen to watercraft when the dredging operation has been completed.

The project will also impact traffic on D Street at the D Street Bridge. The bridge will need to be left in the raised position to allow the dredge barge to pass through. As a result, the D Street Bridge will be closed to all traffic (vehicle, pedestrian, bicycle, etc.), Monday through Friday, October 3 through October 19, 2022, excluding the two weekends during the project, October 8-9 and October 15-16, 2022, when the bridge will be lowered and reopened to traffic. While the D Street Bridge is closed, a traffic control plan will be in place to reroute traffic (including public transit). Staff will keep the community informed through electronic signage and message boards on D Street, as well as posting information from the contractor on the project website and social media as it becomes available. The Petaluma Fire Department will also assist in planning to avoid impacts on response times at the Fire Station on D Street.

Other outreach will include posting in the City of Petaluma Community Update, creation of a dedicated project website, mailing of project postcards to businesses and residents located near the project area, updates to social media, and press coverage in the Argus-Courier.

COUNCIL GOAL ALIGNMENT

The proposed action supports the following Council goals, objectives, and work plan items:

Goal: An Economy That Prospers

Item #117. Identify short- and long-term funding solutions for dredging the Turning Basin and Federal channel by coordinating with other dredging efforts in the Bay Area; dredging the City Marina; coordinates with Bay Area-wide dredging efforts.

By dredging in the Turning Basin under the docks, the project will complete work that was not performed during the 2020 USACE dredge project. Additionally, under a separate contract planned for 2023, the project will include repairs to the floating docks and gangways at the Turning Basin.

CLIMATE ACTION/SUSTAINABILITY EFFORTS

This proposed action supports the above Council goal and restores the depth of the Turning Basin to allow for the installation of new floating docks and gangways in 2023. The new floating docks will improve access and safety for recreation and public users including boaters, kayakers, and pedestrians. The proposed action also supports the Petaluma Small Craft Center (PSCC), a local non-profit organization that recently installed a new Floathouse Small Craft Rental Center located in the Turning Basin. The new PSCC dock facility provides access to the river for small boats, offering recreation, classes, camps, and boating programs.

ENVIRONMENTAL REVIEW

The project, including the sediment deposition sites, is consistent with the Programmatic EIR/EIS prepared for the Long-Term Management Strategy (LTMS) for Placement of Dredged Material in the San Francisco Bay and the 1998 and 2015 Biological Opinions for the LTMS which specifically identify dredging of the Petaluma Marina and Petaluma River Turning Basin. Additionally, this project is exempt under CEQA Guidelines Section 15304(g) (Minor Alterations to Land) which exempts “maintenance dredging where the spoil is deposited in a spoil area

authorized by all applicable state and federal regulatory agencies” as the dredging of the turning basin will comply with all state and federal regulatory agencies. As well as CEQA Guidelines Section 15301 (Existing Facilities) which exempts periodic maintenance dredging which involves negligible or no expansion of the existing use. Moreover, there are no cumulative impacts, unusual circumstances, or other factors that would make the exemption inapplicable.

FINANCIAL IMPACTS

The total budget for this phase of the project is projected to be \$830,055 through FY 22/23 which is funded by Transient Occupancy Tax. A budget adjustment will be brought forward in conjunction with first-quarter budget adjustments.

The following is a breakdown of the project budget:

Itemized Budget Breakdown Uses	FY 22/23 Approved CIP Total Project Budget	Proposed Petaluma Turning Basin Dredging Budget
Planning/Environmental	\$ 216,000	\$ 9,000
Land & Easements	-	\$ -
Design	\$ 237,000	\$ 102,000
Legal Services	-	\$ -
Administration	-	\$ -
Construction Contracts	\$4,895,000	\$ 563,055
Construction Management	\$ 300,000	\$ 60,000
Contingency	\$ 720,000	\$ 115,000
CIP Overhead	\$ 19,000	\$ 6,000
TOTAL	\$6,387,000	\$830,055

Funding Sources	FY 22/23 Approved CIP Total Project Budget
Parkland Impact Fees	\$ 387,000
Transient Occupancy Tax	\$3,373,000
Storm Drainage Utility Fee	\$ 50,000
Undetermined	\$2,577,000
TOTAL	\$6,387,000

ALTERNATIVES

If the Council does not authorize this resolution, the City will not proceed with the dredging of the Turning Basin during the 2022 environmental window, which would also delay and impact the replacement of the City docks within the Turning Basin. The docks are reaching the end of their useful life. Not performing the dredging would lead to a closure of the docks to avoid safety issues.

ATTACHMENTS

1. Draft Resolution
2. Photographs