

City of Brisbane

Agenda Report

TO: Honorable Mayor and City Council

FROM: Randy Breault, Director of Public Works/City Engineer via City Manager

SUBJECT: Brisbane Marina Dredging Project

DATE: March 5, 2015

City Council Goals: To maintain and improve infrastructure. (#3)

Purpose: To obtain Council's approval for requesting bids to complete a 2-year dredging project at the city's marina.

Recommendation: Approve the publication of the Notice Inviting Bids for the 2015-2016 Brisbane Marina and Entrance Channel Maintenance Dredging Project.

Background:

The City Council began an earnest discussion of the need to dredge the marina in summer 2013. The results of a subsequent bathymetric survey confirmed that initiating the lengthy process to complete maintenance dredging was indeed necessary. At its 9/2/14 meeting, the Council approved a Professional Services Agreement with Anchor QEA to complete the permitting and design work for dredging.

From an earlier conversation with Dr. Burnam of Anchor QEA, Council will recall that permitting for dredging is routed through the Dredged Material Management Office (DMMO), which is a joint program of; the San Francisco Bay Conservation and Development Commission (BCDC), San Francisco Bay Regional Water Quality Control Board (RWQCB), State Lands Commission (SLC), the San Francisco District U.S. Army Corps of Engineers (COE), and the U.S. Environmental Protection Agency (EPA). The California Department of Fish and Wildlife, the National Marine Fisheries Service, and the U.S. Fish and Wildlife Service also participate in the permitting process on an advisory basis. The RWQCB typically issues a Notice of Exemption for CEQA compliance when they issue the required 401 Water Quality Certification, and COE assumes lead agency role for NEPA compliance relative to dredging disposal. As the project lead agency, Brisbane issued a Notice of Exemption for the overall project pursuant to 14 CCR §15304 (g) - Maintenance dredging where the spoil is deposited in a spoil area authorized by all applicable state and federal regulatory agencies.

Discussion:

The Council will note that this project is proposed to be published several months ahead of the anticipated start date. This extended advance schedule is due to the specified work period permitted by

DMMO of June 1 - November 30 (restrictions imposed to limit impacts on aquatic life in the disposal area), and the work necessary by the contractor prior to commencing dredging.

The selected contractor will be required to submit a Dredging and Disposal Operations Plan to DMMO for review and approval. Additionally, the contractor is required to complete a preliminary bathymetric survey before dredging. Finally, considering the length of time necessary to place a contract on the council's agenda for award, the time the contractor is permitted to provide final contract documents, and the multiple submittals required before work can begin, have all led staff to propose the schedule of; Notice Inviting Bids approval 3/5/15, Bids due 4/6/15, and Council Award of Contract 4/16/15, as necessary to ensure the first period of dredging can commence on June 1, 2015.

As confirmed by the bathymetric survey and the practical experience of Brisbane Marina mariners with deep drafts, the approach channel and interior portions of our marina prevent free, unhindered ingress/egress during mean low low water tides. Choosing to not perform the dredging project would only exasperate this condition to the point that the marina would eventually become non-navigable by nearly all pleasure vessels. Approval of the dredging Notice Inviting Bids is strongly recommended.

The "front end" of the specifications (i.e., everything up to and including the General Conditions) are the same specifications the City has used over the last two decades. The remainder of the specifications and the plans were prepared by Anchor QEA. Dr. Burnam will attend the city council in case there are any questions on the latter materials.

Fiscal Impact: The engineer's estimate for this project is as follows:

Direct Construction Costs (excluding optional area)	\$3,092,000
Contingency on Direct Costs	\$309,200
Permit Fees	<u>\$114,800</u>
TOTAL	\$3,516,000

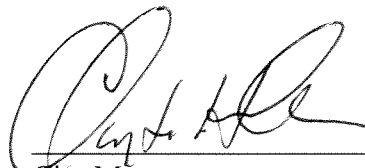
The source of revenue for this project will be bonds that are to be issued in the near future, so that funds are available for a June 1, 2015 start of construction.

Measure of Success: A marina restored to its original design depths.

Attachments: Dredging Project Plans and Specifications



Director of Public Works/City Engineer



City Manager

A copy of supporting materials provided to the City Manager and Council Persons in connection with this agenda item is available for public inspection and copying at 50 Park Place, City of Brisbane Department of Public Works, Brisbane, CA, 94005. Telephone: (415) 508-2130.