



Office of the City Manager

CONSENT CALENDAR
April 11, 2023

To: Honorable Mayor and Members of the City Council
From: Dee Williams-Ridley, City Manager
Submitted by: Scott Ferris, Director, Department of Parks, Recreation, and Waterfront
Subject: Contract: Power Engineering Construction for the Selective Timber Pile Replacement Project at the Berkeley Marina

RECOMMENDATION

Adopt a Resolution:

1. Approving the plans and specifications for the Berkeley Marina Selective Pile Replacement Project (Bid Specification No. 23-11567-C); and
2. Accepting the bid of Power Engineering Construction as the lowest responsive and responsible bidder on the Project; and
3. Authorizing the City Manager to execute a contract and any amendments, extensions or other change orders until completion of the project in accordance with the approved plans and specifications, with Power Engineering Construction, for the Berkeley Selective Piling Replacement Project, in an amount not to exceed \$3,175,000, which includes a contract amount consisting of base bid plus allowance of \$2,710,690 and a 17.13% contingency in the amount of \$464,310.

FISCAL IMPACTS OF RECOMMENDATION

Funding is available in the following budgets: FY 2023/ FY 2024 CIP Fund (Fund 501), FY 2023 Measure T1 Fund Phase 2 (Fund 511), and FY 2024 Marina Fund (Fund 608). We will partially encumber the contract amount in FY 2023 and encumber the remaining balance when funding is available in FY 2024. No other funding is required, and no other projects will be delayed due to this expenditure.

Power Engineering Construction (lowest bid)	\$2,710,690
17.13% Contingency	\$464,310
Total construction cost	\$3,175,000

Budget by Fund	FY 2023	FY 2024	Total
CIP (Fund 501)	\$1,050,000	\$650,000	\$1,700,000
Measure T1 (Fund 511)	\$1,200,000		\$1,200,000
Marina Fund (Fund 608)		\$275,000	\$275,000
Total	\$2,250,000	\$925,000	\$3,175,000

CURRENT SITUATION AND ITS EFFECTS

Berkeley Marina Selective Timber Pile Replacement Project is a Strategic Plan Priority Project, advancing our goal to provide state-of-the-art, well-maintained infrastructure, amenities, and facilities.

On January 20, 2023, the Berkeley Marina Selective Timber Pile Replacement Project was advertised for competitive bids. On February 23, 2023, three (3) bids were received (See Attachment 2: Bid Abstract Summary). Staff reviewed the bid results and the Contractor’s references, and has determined that the bid from Power Engineering Construction is the lowest responsive and responsible bidder.

The Living Wage Ordinance does not apply to this project since Public Works construction contracts are, pursuant to City policy, subject to State prevailing wage laws. Contractor will submit a Certification of Compliance with the Equal Benefits Ordinance. The Community Workforce Agreement applies to this project because the estimated value of the project exceeds \$500,000. As a result, the successful bidder and all subcontractors will be required to sign an agreement to be bound by the terms of the Agreement.

Construction is expected to begin in June, 2023 and be completed by October, 2023.

BACKGROUND

The Berkeley Marina is one of the largest marinas in the East Bay. It is a highly valued community resource offering recreational opportunities and open space amenities for both local residents and visitors throughout the Bay Area. It contains a range of facilities: a hotel, restaurants, marina-related offices, 1,000 boat slips, the historic Berkeley Municipal Pier, and the trails and open space at Cesar Chavez Park and McLaughlin Eastshore State Park.

The purpose of this project is to replace selective treated timber piles throughout the marina with new, more durable, biologically inert concrete piles. Many timber piles within the marina have failed, breaking at the waterline or below. These failed piles have caused damage to city infrastructure and privately-owned boats and leave slips that could be generating revenue out of service.

In 2020 the City hired a consultant to perform a pile condition assessment for all piles within Berkeley Marina. Of 228 timber piles throughout the marina, 67 were found to

have major or severe damage, or were stubs. An additional 41 were found to be in moderate condition. This project will replace 58 of the most damaged piles, remove 14 broken hazardous piles, install one new pile in a new location, and repair one pile beneath a restroom building with a fiberglass jacket.

This project encompasses removing failed timber piles and replacing them with new concrete piles in locations where piles have suffered major damage and provide the most structural benefit to the docks. New piles guides will be installed at the end of finger docks to allow for the new piles. The new piles will reinforce the docks, allowing them to withstand tidal fluctuations, inclement weather, and waves.

ENVIRONMENTAL SUSTAINABILITY AND CLIMATE IMPACTS

The construction contract includes requirements to comply with the City's Environmentally Preferable Purchasing Policy. The work will also comply with the conditions contained in the Bay Conservation Development Commission (BCDC) Permit, US Army Corps of Engineers Permit, and San Francisco Bay Regional Water Quality Control Board Permit.

RATIONALE FOR RECOMMENDATION

This project is part of the City's ongoing effort to update and maintain the deteriorated infrastructure at the Berkeley Marina.

ALTERNATIVE ACTIONS CONSIDERED

None

CONTACT PERSON

Scott Ferris, Director, Parks Recreation & Waterfront, 981-6700
Nelson Lam, Supervising Civil Engineer, PRW, 981-6395

Attachments:

- 1: Resolution
- 2: Bid Abstract Summary

RESOLUTION NO. ##,###-N.S.

CONTRACT: ENGINEERING CONSTRUCTION FOR THE BERKELEY MARINA
SELECTIVE TIMBER PILE REPLACEMENT PROJECT

WHEREAS, existing treated timber piles in the Berkeley Marina are failing and are in need replacement to continue to provide structural stability to the docks; and

WHEREAS, the City has neither the labor nor the equipment necessary to undertake this project; and

WHEREAS, an invitation for bids was duly advertised on January 20, 2023, bids were opened on February 23, 2023, and the City received three (3) bids; and

WHEREAS, the bid from Power Engineering Construction was the lowest responsive, responsible bid of \$2,710,690, and references for Power Engineering Construction were provided and checked out satisfactorily; and

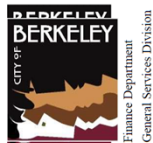
WHEREAS, funding is available in the FY 2023/ FY 2024 CIP Fund (Fund 501), FY 2023 Measure T1 Fund Phase 2 (Fund 511), and FY 2024 Marina Fund (Fund 608).

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the Plans and Specification No. 23-11567-C for the Berkeley Marina Selective Timber Pile Replacement Project are approved.

BE IT FURTHER RESOLVED that the Council of the City of Berkeley authorizes the City Manager to execute a contract and any amendments, extensions, or change orders until completion of the project in accordance with the approved plans and specifications with Power Engineering Construction for the Berkeley Marina Selective Timber Pile Replacement Project in an amount not to exceed \$3,175,000, which includes a contract amount consisting of base bid plus allowance of \$2,710,690 and a 17.13% contingency in the amount of \$464,310 for unforeseen circumstances. A record signature copy of the agreement and any amendments to be on file in the Office of the City Clerk.

April 11, 2023

Attachment 2 - Bid Abstract



City of Berkeley
Abstract of Bid Worksheet

Finance Department
General Services Division

Bid Date: 2/23/2023
Spec. #: 23-11667-C

FOR: Berkeley Marina Selective Timber Pile Replacement

	Bidders	Base Bid	Additive Amount	Allowance	Addenda (1)	Bid Bond	Reg / Exp	Subcontractors	Non-Collusion	CERTS
1	Power Engineering	\$ 2,650,890.00	\$ - 2,607,790.00	\$ 60,000.00	X	X	X	X	X	X
2	The Dutra Group	\$ 3,015,840.00	\$ 1,950,920.00	\$ 60,000.00	X	X	X	X	X	X
3	Lind Marine	\$ 2,671,147.00	\$ 1,145,548.00	\$ 8,000.00	X	X	X	X	X	X
4										
5										
6										
7										
8										
9										
10										

required w/ bid

Bid Recorder: Darryl Sweet DS 2/23/2023
 Bid Opener: Darryl Sweet DS 2/23/2023
 Project Manager: Taylor Lancelot TL 2/24/2023

2180 Milvia Street, Berkeley, CA 94704 Tel: 510.981.7320 TDD: 510.981.6903
 finance@cityofberkeley.info

