



## Legislation Details (With Text)

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**On agenda:** 12/11/2018    **Final action:**  
**Title:** RESOLUTION APPROVING PLANS AND SPECIFICATIONS AND AWARDED CONTRACT NO. 2018-04 TO R. E. STAITE ENGINEERING, INC. IN THE AMOUNT OF \$3,219,360.00 FOR THE FENDER SYSTEM UPGRADE AT NORTH BERTH OF B STREET PIER PROJECT AS AUTHORIZED BY THE BOARD IN THE FY2018/19 MAJOR MAINTENANCE BUDGET

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**Attachments:** 1. 4. 2018-0441 Attachment A, 2. 4. 2018-0441 Draft Resolution

Date	Ver.	Action By	Action	Result
12/11/2018	1	Board of Port Commissioners	continued	

**DATE:** December 11, 2018

**SUBJECT:**

**RESOLUTION APPROVING PLANS AND SPECIFICATIONS AND AWARDED CONTRACT NO. 2018-04 TO R. E. STAITE ENGINEERING, INC. IN THE AMOUNT OF \$3,219,360.00 FOR THE FENDER SYSTEM UPGRADE AT NORTH BERTH OF B STREET PIER PROJECT AS AUTHORIZED BY THE BOARD IN THE FY2018/19 MAJOR MAINTENANCE BUDGET**

**EXECUTIVE SUMMARY:**

This action will adopt the plans and specifications and authorize the award of a major maintenance construction contract to upgrade the existing fender system at the north berth of the B Street Pier.

The plans and specifications define the contract work including removal of the existing deteriorated fender system and installation of a new fender system to serve cruise ships and smaller vessels at the north berth.

The contract documents were advertised on August 21, 2018. On October 9, 2018, five bids were received ranging from \$3,219,360.00 to \$5,633,317.55. The responsive bids are listed in Attachment A. The lowest bid was submitted by R. E. Staite Engineering, Inc. in the amount of \$3,219,360.00, is considered responsive and responsible. Staff recommends that the Board award the Contract to this bidder.

**RECOMMENDATION:**

Adopt a resolution approving plans and specifications and awarding Contract No. 2018-04 to R. E.

Staite Engineering, Inc. for the construction of the major maintenance project, Fender System Upgrade at North Berth of B Street Pier in the amount of \$3,219,360.00.

### **FISCAL IMPACT:**

This multi-year project was initially approved by the Board in April 2016. Due to cruise ship operations, it was necessary to budget the project over multiple years to take advantage of cruise ship off season. Funds in the amount of \$2,275,000.00 were budgeted in FY 18/19 Major Maintenance. Approval of this agenda item will authorize the construction contract expenditure of \$3,219,360.00. The remaining expenditures will be budgeted in the FY19/20 Major Maintenance Program budget to complete construction. If the additional funds are not budgeted in FY 19/20 to complete the project, the contract would have to be terminated by the District.

### **COMPASS STRATEGIC GOALS:**

The fender system project makes use of environmentally friendly materials and is designed to satisfy Maritime operational requirements. The project also supports the following goals:

- A thriving and modern maritime seaport.
- A Port with a healthy and sustainable bay and its environment.
- A Port that is a safe place to visit, work and play.
- A financially sustainable Port that drives job creation and regional economic vitality.

### **DISCUSSION:**

The north side of the B St. pier is the preferred berth for cruise ships due to ease-of-access for ships coming alongside and getting underway. The existing fender system at the north berth of the B Street Pier was constructed in 1965 and has been maintained incrementally ever since. The fender system serves as an energy absorption structure placed along the edge of the pier and is intended to protect both the pier and the ship from damage. The basic existing fender system is comprised of preservative treated timber piling and horizontal elements. In the 1980s, additional pile clusters and foam-filled large diameter fenders were added to address the demands created by the increasing size of cruise ships. An inspection and assessment of the fender system in 2015 identified severe deterioration of the fender piles and recommended the system be replaced. A replacement fender system is needed to accommodate the modern fleet of cruise ships and other vessels that visit the preferred north berth at the B Street Pier.

The new fender system will provide a reliable and safe berthing environment for cruise ships and a range of smaller vessels that may utilize the north berth of the pier over time. It has been designed to provide a more reliable energy absorbing system with increased protection against damage to both vessels and the pier. The new piles will be made of prestressed concrete instead of the preservative-treated timber system. The new primary fender system (clustered prestressed concrete piles and foam-filled fenders) are designed for cruise ships, and the secondary fender system (concrete piles and marine camels) are designed for smaller vessels and barges. The new fender system has a design service life of 25 years and includes the connection details for future pile extension in consideration of sea level rise and will be compatible with the potential future modernization of the B St. Pier.

The work includes removal and disposal of existing timber and plastic fender piles, timber wales and chocks, hanging piles, steel hardware and all miscellaneous wood members. This project provides for supply and installation of new prestressed concrete fender piles, foam filled marine fenders, timber wales and chocks, steel wales and hardware, elastomeric fender elements, floating camels, safety ladders, and other incidental items of work. The construction work will be coordinated with cruise ship terminal operations to minimize disruption to cruise ship activities. The work will comply with the requirements of the Army Corps of Engineers Regional General Permit.

**Bid Process:**

Construction bid documents, including plans and specifications for Contract No. 2018-04 (Drawing No. EM-2018-01, Project No. MC-0036-01) were advertised on August 21, 2018. Five bids were received on the bid opening date - October 9, 2018. The five bid amounts ranged from \$3,219,360.00 to \$5,633,317.55, as shown in the table below.

Company	Total Bid	Location
R. E. Staite Engineering, Inc	\$3,219,360.00	San Diego, CA
Spectrum Construction Group, Inc.	\$4,001,357.82	Irvine, CA
Marathon Construction	\$4,259,777.00	Lakeside, CA
John S. Meek Company, Inc.	\$4,972,835.00	Gardena, CA
TechCom International, Corp	\$5,633,317.55	Irvine, CA

The lowest responsive and responsible bid was received from R. E. Staite Engineering, Inc. in the total bid amount of \$3,219,360.00. The engineers' construction cost estimate was \$3,339,550.00

Upon Board authorization, construction is expected to commence in late December 2018 and will be completed by October 2019.

Staff recommends that the Board approves the plans and specifications and awards Contract No. 2018-04, Fender System Upgrade at North Berth of B Street Pier, San Diego, California to R. E. Staite Engineering, Inc. in the amount of \$3,219,360.00

**General Counsel's Comments:**

The Office of the General Counsel has reviewed the contract documents and bids received and approves as to form and legality.

**Environmental Review:**

The proposed Board direction or action, including without limitation, approving plans and specifications and awarding a contract for replacement and upgrade of the north berth of B Street Pier, is Categorically Exempt pursuant to California Environmental Quality Act (CEQA) Guidelines Sections 15301 (Existing Facilities), 15302 (Replacement or Reconstruction), 15304 (Minor Alterations to Land) and/or Sections 3.a. (1) (Existing Facilities), 3.b. (1) (Replacement or Reconstruction), and 3.d. (6) and (7) (Minor Alterations to Land) of the District's Guidelines for Compliance with CEQA because the project in question would involve no expansion of use beyond that previously existing, would be located on the same site and have substantially the same purpose and capacity as the structure being replaced, would not involve the removal of mature, scenic trees, and would have no permanent effects on the environment. The District has determined none of the

six exceptions to the use of a categorical exemption apply to this project (CEQA Guidelines Section 15300.2).

The proposed Board direction or action complies with Section 87 of the Port Act, which allows for the establishment, improvement, and conduct of a harbor, and for the construction, reconstruction, repair, maintenance, and operations of wharves, docks, piers, slips, quays, and all other works, buildings, facilities, utilities, structures, and appliances incidental, necessary, or convenient, for the promotion and accommodation of commerce and navigation. The Port Act was enacted by the California Legislature and is consistent with the Public Trust Doctrine. Consequently, the proposed Board direction or action is consistent with the Public Trust Doctrine.

Finally, the proposed Board direction or action is considered “excluded development” pursuant to Sections 8.a. (10) (Existing Facilities), 8.b. (3) (Replacement or Reconstruction), and/or 8.d. (5) and (6) (Minor Alterations to Land) of the District’s Coastal Development Permit Regulations because the project in question would involve no expansion of use beyond that previously existing, would be located on the same site and have substantially the same purpose and capacity as the structure being replaced, would not involve the removal of mature, scenic trees, and would have no permanent effects on the environment. Issuance of a Coastal Development Permit is not required for the proposed Board direction or action.

**Equal Opportunity Program:**

Due to limited sub opportunities, no SBE goal was established.

**PREPARED BY:**

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Attachment:  
Attachment A:        Tabulation of Bids