

## **RESOLUTION 2015-120**

**RESOLUTION APPROVING PLANS AND SPECIFICATIONS AND AWARDED CONTRACT NO. 2015-17 TO PK MECHANICAL SYSTEMS, INC. FOR THE TENTH AVENUE MARINE TERMINAL BERTHS 10-1 AND 10-2 FENDER SYSTEM UPGRADE IN THE AMOUNT OF \$610,000.00, AS AUTHORIZED BY THE BOARD IN THE FY 15/16 MAJOR MAINTENANCE BUDGET**

**WHEREAS**, the San Diego Unified Port District (District) is a public corporation created by the legislature in 1962 pursuant to Harbors and Navigation Code Appendix 1, (Port Act); and

**WHEREAS**, the Board of Port Commissioners (BPC) adopted BPC Policy No. 110 to establish a policy governing the processing and administration of public projects, consulting and service agreements, the purchasing of supplies, materials, and equipment, and grants; and

**WHEREAS**, the combined length of Berths 10-1 and 10-2 at the Tenth Avenue Marine Terminal (TAMT) is 1,109 feet; and

**WHEREAS**, existing fender systems provide berthing impact load distribution; and

**WHEREAS**, the originally installed fender system consists of clusters of plastic piles bearing on elastomeric compression and buckling fender units; and

**WHEREAS**, the existing pile clusters were spaced every twenty (20) feet along the full length of the two berths; and

**WHEREAS**, District inspections and investigations revealed damage to several of the cluster fender systems at Berths 10-1 and 10-2. Maintenance was required to protect the seawall and provide safe berthing facilities at these locations; and

**WHEREAS**, in 2013, ten (10) new fender assemblies were installed along Berths 10-1 and 10-2 at forty (40) foot intervals; and

**WHEREAS**, the District removed existing deteriorated or damaged fender and festoon assemblies and installed new high-density polyethylene-faced steel fender panels attached to cone-shaped elastomeric fender units mounted behind the steel panel; and

**WHEREAS**, this new design reduced the amount of necessary fenders by half and allowed Maritime cargo business to continue at Berths 10-1 and 10-2; and

**WHEREAS**, in the FY 15/16 Major Maintenance Program, fifteen (15) pile clusters were approved to be replaced with the same system as in 2013; and

**WHEREAS**, replacing fifteen (15) pile clusters now will allow the Port to receive larger ships; and

**WHEREAS**, this project will remove existing deteriorated or damaged fender and chain (festoon) assemblies, buckling fenders, steel brackets and tubes at fifteen (15) pile clusters along Berths 10-1 and 10-2 in TAMT; and

**WHEREAS**, new ultra-high-molecular-weight polyethylene (UHMW-PE) clad steel fender panels will be mounted on the existing pile clusters and attached to elastomeric cone fenders that will be mounted on the face of the existing seawall concrete cap at fifteen (15) locations; and

**WHEREAS**, work will be phased, managed, and coordinated with Maritime Operations to minimize impacts during construction and to avoid disruptions to cargo ships, vessel, and to other terminal operations; and

**WHEREAS**, the contract documents were prepared using an Alternative Bid Schedule in order to design the Base Bid Schedule to fall within the originally approved budget; and

**WHEREAS**, additive Bid Schedule A was included to allow the District the opportunity to award an additional six (6) fenders in order to take advantage of economies of scale, meet the needs of scheduled and future Maritime business, and to complete the approved scope of work; and

**WHEREAS**, the contract documents were advertised on August 4, 2015; and

**WHEREAS**, on September 3, 2015, seven (7) bids were received ranging in cost from \$577,331.00 to \$1,154,000.00; and

**WHEREAS**, Metro Builders & Engineers Group, Ltd. requested to withdraw their bid due to a clerical error that was made in filling out the bid; and

**WHEREAS**, the second lowest bid was submitted by PK Mechanical Systems, Inc. in the amount of \$610,000.00.

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Port Commissioners of the San Diego Unified Port District, hereby approves plans and specifications and awards Contract No. 2015-17 to PK Mechanical Systems, Inc. for the Tenth Avenue Marine Terminal Berths 10-1 and 10-2 Fender System Upgrade in the amount of \$610,000.00, as authorized by the Board in the FY 15/16 Major Maintenance Budget; and

That the Executive Director or her designated representative is hereby authorized and directed on behalf of the San Diego Unified Port District to enter into Contract No. 2015-17 with PK Mechanical systems, Inc. for the Tenth Avenue Marine Terminal Berths 10-1 and 10-2 Fender System Upgrade in the amount of \$610,000.00, as authorized by the Board in the FY 15/16 Major Maintenance Budget.

APPROVED AS TO FORM AND LEGALITY:  
GENERAL COUNSEL



By: Assistant/Deputy

PASSED AND ADOPTED by the Board of Port Commissioners of the San Diego Unified Port District, this 6<sup>th</sup> day of October, 2015, by the following vote:

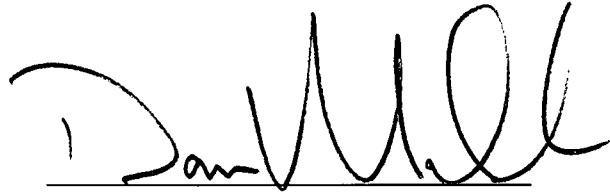
AYES: Bonelli, Castellanos, Malcolm, Merrifield, Moore, Nelson, and Valderrama.

NAYS: None.

EXCUSED: None.

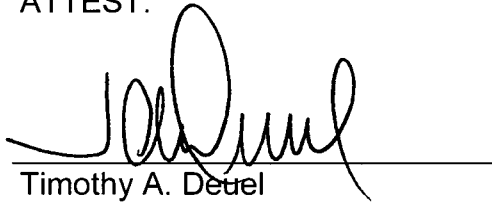
ABSENT: None.

ABSTAIN: None.



Dan Malcolm, Chairman  
Board of Port Commissioners

ATTEST:



Timothy A. Detel  
District Clerk

