

DRAFT**RESOLUTION 20xx-xxx****RESOLUTION APPROVING PLANS AND SPECIFICATIONS AND AWARDING CONTRACT NO. 2019-46 TO EDF RENEWABLES DISTRIBUTED SOLUTIONS, INC. IN THE AMOUNT OF \$2.77M FOR THE MICROGRID INFRASTRUCTURE AT TAMT PROJECT AS AUTHORIZED BY THE BOARD IN THE FY2021 CAPITAL IMPROVEMENT PROGRAM, FUNDED UNDER THE CALIFORNIA ENERGY COMMISSION GRANT AGREEMENT NUMBER EPC-17-049**

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 I (Act); and

WHEREAS, Board of Port Commissioners BPC Policy No. 110 establishes a policy governing the processing and administration of public projects, consulting and service agreements, the processing of supplies, materials, and equipment, and grants; and

WHEREAS, this action will adopt a resolution to approve the plans and specifications and award a contract to EDF Renewables Distributed Solutions, Inc. (EDF) in the amount of \$2,770,530.96 for construction of the Microgrid Infrastructure, battery storage system, and electrical infrastructure at the Tenth Avenue Marine Terminal project (TAMT); and

WHEREAS, the plans and specifications define the contract work including installing a solar photovoltaic system in coordination with the project on the roof of TAMT Warehouse B, which will supply the electrical energy for the battery storage; and

WHEREAS, on June 13, 2018, the California Energy Commission (CEC) awarded a grant in the amount of \$4,985,272.00 to the San Diego Unified Port District (District) to demonstrate a business case for microgrids in support of California's Energy and Greenhouse Gas Policies; and

WHEREAS, under this grant, \$3,810,344 is allocated towards the construction of the microgrid infrastructure; and

WHEREAS, the solicitation for proposals was done under Government Code Section 4217.10, *et seq* which authorizes use of any solicitation process including a Request for Proposal (RFP) process, wherein the public agency may award the contract on the basis of the experience of the energy services contractor, the type of

20xx-xxx

technology employed by the contractor, the cost to the local agency, and any other relevant considerations; and

WHEREAS, the RFP was issued on May 6, 2020; and

WHEREAS, the engineer's estimate is \$2,700,000.00; and

WHEREAS, on June 18, 2020, five proposals with fees ranging from \$2,770,530.96 to \$4,492,209.75 were received by District staff; and

WHEREAS, EDF was the highest ranked proposer and demonstrated the most experience and technical expertise, strong familiarity with the project site, excellent approach in providing the microgrid infrastructure within the footprint of the project site, and a reasonable and fair construction cost proposal; and

WHEREAS, District staff worked with Burns & McDonnell Engineering Company (Burns & McDonnell) and the Electric Power Research Institute (EPRI) to evaluate cost savings that would be generated by the proposed project; and

WHEREAS, the costs evaluated are specific to the period of time the microgrid infrastructure project would be operating (20 years) and the modeled cost savings that would occur during this time as compared to the cost to construct the microgrid (estimated \$2.7M); and

WHEREAS, based on the cost savings analysis in the System Advisory Model and the Distributed Energy Resources-Value Estimation Tool (DER-VET) Model, the project is anticipated to result in an energy savings to the District of \$3,181,167 over 20 years by reducing its energy (electrical) costs; and

WHEREAS, the total construction cost of \$4,386,524 for the microgrid infrastructure (\$2,770,531) and solar PPA (\$1,615,993) are estimated to be less than the electrical energy savings of \$4,797,160; and

WHEREAS, District staff recommends approving plans and specifications and awarding Contract No. 2019-46 to EDF Renewables Distributed Solutions, Inc. based on its experience and technical expertise, strong familiarity with the project site, excellent approach in providing the microgrid infrastructure within the footprint of the project, and reasonable and fair construction cost proposal.

NOW THEREFORE, BE IT RESOLVED that the Board of Port Commissioners of the San Diego Unified Port District, hereby approves the plans and specifications and authorizes the Executive Director or her designee to enter into Contract No. 2019-46 to EDF in the amount of \$2,770,530.96 for construction of the Microgrid Infrastructure at TAMT project, as authorized by the Board in the FY 2021 Capital Improvement Program and funded under CEC Grant Agreement Number EPC-17-049.

20xx-xxx

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 10th day of November 2020 by the following vote: