



Consent Item 9

TO: East Bay Community Energy Board of Directors

FROM: Jessie Denver, Senior Distributed Energy Resources Manager,
Transportation Electrification and Community Energy Resilience

SUBJECT: Consulting Services Agreement with ARUP for Engineering and Project
Development Services

DATE: May 19, 2021

Recommendation

Adopt a Resolution authorizing the CEO to negotiate and execute a Consulting Services Agreement with ARUP North America, LTD, to provide Engineering and Project Development Services that will facilitate deployment of solar photovoltaic and battery energy storage systems at critical municipal facilities, for a total amount not to exceed \$380,000, through December 31, 2024.

Background and Discussion

To enhance community energy resilience, EBCE has been working with its local government partners to develop solar + storage systems at critical municipal facilities. Over the last 1.5 years, JPA members (e.g., cities and the county) have identified over 300 municipal facilities designated to serve the community in times of emergency (e.g., extended grid outages, major events like earthquakes) and provided those details to EBCE for system-sizing analysis.

Due to municipal procurement requirements, EBCE has taken the results of the system sizing analysis and compiled a portfolio of projects for each local government entity, that will be cost effective over the lifetime of the solar + storage systems. EBCE also identified the need to include stand-alone solar systems at some non-critical municipal facilities and completed a technical and economic assessment at each site to narrow the list of facilities to include in each local government's cost-effective project portfolio.

The primary goal of this EBCE-led initiative is to efficiently and successfully deploy stand-alone solar and solar + storage systems at each of the project sites. EBCE plans to phase this work across 150-200 facilities over the next two to three years in collaboration with its local government partners. Near term, EBCE is focused on developing a deployment model to confirm and hone this phased approach with the goal of accelerating deployment of solar and solar + storage systems at municipal facilities.

Engineering and Project Development Professional Services

In April 2021 EBCE issued a Request for Proposals for professional engineering and project development services related to the program described above. The two vendors selected through this competitive solicitation process are ARUP and EcoMotion.

Under the new Consulting Services Agreement ARUP will conduct engineering assessments to evaluate the roof condition and structural integrity of municipal facilities; identify any necessary electrical upgrade requirements and estimate associated costs; assist EBCE in the development of technical specifications for the standalone solar and solar + storage system RFP solicitation, expected to occur in Fall 2021; and provide project and construction management oversight. ARUP itself will not deploy, own, operate, or manage solar and solar + storage systems at municipal facilities.

Staff is seeking authorization for the CEO to enter into a new Consulting Services Agreement with ARUP for a total amount not to exceed \$380,000, through December 31, 2024.

Fiscal Impact

The agreement will be funded with \$380,000 from the previously approved Local Development Budget.

Attachments

- A. Resolution Authorizing the CEO to Negotiate and Execute a Consulting Services Agreement with ARUP North America, Inc.

RESOLUTION NO. __

A RESOLUTION OF THE BOARD OF DIRECTORS

OF THE EAST BAY COMMUNITY ENERGY AUTHORITY AUTHORIZING THE CEO TO NEGOTIATE AND EXECUTE A CONSULTING SERVICES AGREEMENT WITH ARUP NORTH AMERICA, LTD. FOR ENGINEERING AND PROJECT DEVELOPMENT TASKS AND DELIVERABLES TO SUPPORT PROCUREMENT AND CONSTRUCTION OF CRITICAL MUNICIPAL FACILITY SOLAR AND SOLAR + STORAGE TO ENHANCE COMMUNITY ENERGY RESILIENCE

WHEREAS The East Bay Community Energy Authority (“EBCE”) was formed as a community choice aggregation agency (“CCA”) on December 1, 2016, Under the Joint Exercise of Power Act, California Government Code sections 6500 *et seq.*, among the County of Alameda, and the Cities of Albany, Berkeley, Dublin, Emeryville, Fremont, Hayward, Livermore, Piedmont, Oakland, San Leandro, and Union City to study, promote, develop, conduct, operate, and manage energy-related climate change programs in all of the member jurisdictions. The cities of Newark and Pleasanton, located in Alameda County, along with the City of Tracy, located in San Joaquin County, were added as members of EBCE and parties to the JPA in March of 2020.

WHEREAS On July 18, 2018, the Board approved the Local Development Business Plan (“LDBP”) and budget. The LDBP identifies a series of local development early actions, outlines a series of policy principles, and defines a set of metrics to measure the impact on Alameda County; and

WHEREAS EBCE entered into a Consulting Services Agreement (“Agreement”) with ARUP North America, Ltd. (“ARUP”) to complete a solar and battery energy storage feasibility assessment on critical municipal facilities designated to serve the community in time of emergency, and

WHEREAS EBCE issued a competitive Request for Proposal solicitation in April 2021 to select vendors to provide engineering and project development services that will support solar and battery energy storage system deployment, and

WHEREAS ARUP is a firm with extensive experience conducting solar and battery energy storage engineering and project development services and is one of two vendors selected by EBCE; and

WHEREAS, EBCE has determined that it is necessary to enter into a new consulting services agreement with ARUP to allow ARUP to assist EBCE in the next steps of EBCE’s municipal facility resilience project.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE EAST BAY COMMUNITY ENERGY AUTHORITY DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. The CEO is hereby authorized to negotiate and execute a new Consulting Services Agreement with ARUP in substantially the form attached, which shall be effective through December 31, 2024 and shall not exceed \$380,000, to provide

engineering and project development services that will facilitate deployment of solar and battery energy storage systems at municipal facilities. The CEO is further authorized to execute any clarifying or clerical changes to the Agreement, which must be approved by General Counsel.

ADOPTED AND APPROVED this 19th day of May, 2021.

Dan Kalb, Chair

ATTEST:

Adrian Bankhead, Assistant Clerk of the Board