



Consent Item 6

TO: Ava Community Energy Authority Board of Directors

FROM: Anish Patel, Director, Infrastructure Delivery

SUBJECT: Resolution Authorizing Ava CEO to Negotiate and Execute a Consulting Services Agreement with NV5 Inc.

DATE: November 15th 2023

Recommendation

Approve a Resolution authorizing Ava CEO to negotiate and execute a Consulting Services Agreement (“Agreement”) with NV5 Inc. (“NV5”) dated Nov 15th, 2023, to provide professional engineering consulting services that will facilitate transportation electrification infrastructure development with respect to the direct current fast charging (“DCFC”) stations, for a total amount not to exceed \$250,000 through December 31, 2026.

Background and Discussion

Ava has conducted a detailed analysis to understand home charging access in our service area and identified critical disparities that will hinder widespread Electric Vehicle (“EV”) adoption and, therefore, the ability to achieve California’s Zero Emission Vehicle (“ZEV”) goals. Ava is investing in an Equitable EV Fast Charging Network to ensure all residents can join and benefit from the transition to EVs. Ava wants to hire a consultant, NV5, to determine various options to design the DCFC infrastructure by proposing the DCFC product. Ava completed a competitive solicitation to select NV5 for these services.

By 2030, Ava intends to deploy a public network of DCFC hubs, each with a minimum of 10 dual-port DCFCs, to supplement a diverse array of community-specific Transportation Electrification (“TE”) programs. Our goal is to have upwards of 40 to 50 DCFC hubs operational to meet the recharging needs of light-duty passenger EVs, as well as medium- and heavy-duty goods movement vehicles.

In order to meet our goal, we issued Request for Proposal (“RFP”) to six (6) Engineering consulting firms in June 2023 which describes the scope of services. We obtained five (5) written proposals for the RFP, per our procurement policy. Based on our internal review of the proposals, relevant experience, qualifications of the firm and their employees, proposed fee structure and an interview with firms we identified that NV5 is the most qualified firm among all.

DCFC Infrastructure Development Support Engineering Professional Services

Ava has been working on pre-development activity regarding the DCFC infrastructure development for several sites in Alameda County. One of the critical tasks for us is to work on new electrical service planning with PG&E as well as develop the conceptual design layout/engineering.

Our goal is to install multiple high capacity DCFC chargers with a total of 10 to 20 EV stalls including ADA stalls. We seek professional engineering consultation from NV5 to get various design options, conceptual site layout, PG&E electrical service planning, development support to build sites.

In turn, the staff is seeking authorization for the CEO to negotiate and execute an Agreement with NV5 for professional engineering services with compensation not to exceed \$250,000.

Fiscal Impact

This Agreement will be funded with \$250,000 from the previously approved Local Development Budget.

Attachments

- A) Resolution of the Board of Directors of the Ava Community Energy Authority Authorizing the CEO to execute the Consulting Services Agreement with NV5, Inc.

RESOLUTION NO. R-2023-xx

A RESOLUTION OF THE BOARD OF DIRECTORS

OF AVA COMMUNITY ENERGY AUTHORITY AUTHORIZING THE CEO TO EXECUTE THE CONSULTING SERVICES AGREEMENT WITH NV5, INC.

WHEREAS The Ava Community Energy Authority (“Ava”) 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 Ava and parties to the JPA in March of 2020. The city of Stockton, located in San Joaquin County was added as a member of Ava and party to the JPA in September of 2022. The city of Lathrop, located in San Joaquin County, was added as a member to Ava and party to the JPA in October of 2023. On October 24, 2023, the Authority legally adopted the name Ava Community Energy Authority, where it had previously used the name East Bay Community Energy Authority since its inception.

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,

WHEREAS Ava issued an RFP in June 2023 to select vendors to provide professional consulting, electrical service planning and conceptual engineering design services that will support direct current fast charging (“DCFC”) deployment. We obtained five (5) written proposals for the RFP, per our procurement policy. Based on our internal review of the proposals, relevant experience, qualifications of the firm and their employees, proposed fee structure and an interview with firms we identified that NV5 is the most qualified firm among all.

WHEREAS Ava wishes to execute a Consulting Service Agreement (“CSA”) with NV5, Inc. (“NV5”) dated Nov 15th, 2023 (“Agreement”) to assist Ava with phase 2 sites of DCFC deployment with respect to conceptual engineering design services.

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

Section 1. The CEO of Ava is hereby authorized to negotiate and execute a CSA for the infrastructure development consultation that will facilitate deployment of DCFC and battery energy storage systems at public parking spaces, with total

compensation not to exceed \$250,000. The CEO is further authorized to execute any additional clarifying or clerical changes to the Agreement, which must be approved by General Counsel.

ADOPTED AND APPROVED this 15th day of November 2023.

Elisa Márquez, Chair

ATTEST:

Adrian Bankhead, Clerk of the Board