

CITY OF SANTA ROSA
CITY COUNCIL

TO: MAYOR AND CITY COUNCIL
FROM: CHRIS CATBAGAN, ASSOCIATE CIVIL ENGINEER
TRANSPORTATION AND PUBLIC WORKS DEPARTMENT
SUBJECT: CONTRACT AWARD – CITYBUS ELECTRICAL VEHICLE FLEET
ELECTRIFICATION PROJECT

AGENDA ACTION: RESOLUTION

RECOMMENDATION

It is recommended by the Transportation and Public Works Department that the Council, by resolution: 1) award Design-Build Contract No. 02340, the CityBus Electrical Vehicle Fleet Electrification Project, in the amount of \$460,535.20 to the best value design-build entity, Cupertino Electric, Inc., of San Jose, CA; and 2) approve a 20% contract contingency, for a total contract amount of \$552,642.24.

EXECUTIVE SUMMARY

This resolution will award Contract No. 02340 to Cupertino Electric, Inc., of San Jose, CA, approve a 20% contract contingency and authorize a total contract amount of \$552,642.24 for the CityBus Electrical Vehicle Fleet Electrification Project.

The Transportation and Public Works Department (TPW) identified the need to install fleet Electric Vehicle Supply Equipment (EVSE) infrastructure at the Municipal Services Center North (MSCN) corporation yard to charge CityBus's first four battery electric buses (BEBs).

This action would support City Council Goal #5 by investing in and sustaining infrastructure & transportation; and City Council Goal #8 by promoting environmental sustainability.

BACKGROUND

The City is participating in the Pacific Gas and Electric Company's (PG&E) EV Fleet program to facilitate the construction of infrastructure to support battery-electric bus (BEB) charging. PG&E conducted an evaluation of the project site, identified the necessary improvements, and determined the feasibility of a project to support the City's five-year BEB Electrification Plan.

CONTRACT AWARD – CITYBUS ELECTRICAL VEHICLE FLEET ELECTRIFICATION
PAGE 2 OF 4

Per PG&E's Electric Vehicle Deployment Commitment, to participate in PG&E's EV Fleet Program, the City is required to purchase nine (9) total BEBs, and install five (5)-150 kW chargers within the next five years, while the City operates & maintains this electrical infrastructure for a minimum of ten years.

The City, under the California Department of General Services State Cooperative Purchase Contract 1-19-23-17C, has purchased and is scheduled to receive four (4) new 40-foot battery-electric transit buses from Proterra Inc, of Burlingame, California.

PRIOR CITY COUNCIL REVIEW

On October 23, 2018, zero-emissions buses were discussed during a Council study session reviewing progress implementing the City's Climate Action Plan.

On April 2, 2019, Council approved the Transportation and Public Works Department application for the PG&E's FleetReady program for electric vehicle charging infrastructure.

On April 2, 2019, a study session with Council discussed CityBus's fleet plan and anticipated electrification timeline in light of fiscal, regulatory, and infrastructure-related factors.

On May 5, 2020, Council, by resolution, approved the Electric Vehicle Deployment Commitment to participate in the PG&E EV Fleet Program to facilitate construction of infrastructure to support battery-electric bus charging for the CityBus fleet.

On November 17, 2020, Council, by resolution, approved the Cooperative Procurement purchase under the California Department of General Services State Cooperative Purchase Contract 1-19-23-17C of four 40-foot battery-electric transit buses and selected components from Proterra Inc, Burlingame, California.

On January 5, 2021, Council by resolution, authorized issuance of a Request for Proposals for the Design-Build procurement method for the CityBus Electrical Vehicle Fleet Electrification Project.

ANALYSIS

A Design-Build contract is an alternative contracting method in which a single entity is responsible for the design and construction of a project. This method expedites project delivery by overlapping the design and construction phases, which can reduce project costs, and minimizes disputes between designer and contractor.

The Design-Build procurement method followed Section 3-60 of the City of Santa Rosa Municipal Code. By utilizing this process, the schedule to design and construct fleet Electric Vehicle Supply Equipment infrastructure can be accelerated.

CONTRACT AWARD – CITYBUS ELECTRICAL VEHICLE FLEET ELECTRIFICATION
PAGE 3 OF 4

The Project will allow Level 3 Electric Vehicle Supply Equipment to satisfy the charging needs for all of its EV fleet purchases. This method allowed for selection of a Design-Build firm based on performance objectives for this project which include, but not limited to:

1. Providing full turn-key solution.
2. Familiarity with “work make-ready” infrastructure.
3. Construction experience with Electric Vehicle Supply Equipment.
4. Design and support calculations for code compliant installations.
5. Capability of PG&E coordination relating to the PG&E’s EV Fleet program.

The Request for Proposals was released on January 14, 2021. Proposals were received on February 16, 2021. A total of four (4) proposals were received.

A selection committee was formed to review and rank the proposals. The Committee selected and determined that Cupertino Electric, Inc., of San Jose, CA, will provide the best value, meeting the interest of the City, and meeting the objectives of the Project.

Construction is expected to begin by November 2021 with a final construction completion by December 2021.

FISCAL IMPACT

This action has no impact on the General Fund.

Under the PG&E EV Fleet Program, the City will receive an estimated total of \$346,000.00 from participation. Funding is anticipated to draw funding from State Transportation Development Act Article IV funding under JL Key 45159.

ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15301 because the project consists of the minor alteration of an existing public facility resulting in a negligible expansion of use.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

NOTIFICATION

Not applicable.

ATTACHMENTS

- Attachment 1 – Location Map

CONTRACT AWARD – CITYBUS ELECTRICAL VEHICLE FLEET ELECTRIFICATION
PAGE 4 OF 4

- Attachment 2 - Proposal
- Resolution / Exhibit A

CONTACT

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