



CAMERON PARK COMMUNITY SERVICES DISTRICT
PRICING SOLICITATION FOR
ELECTRIC VEHICLE CHARGING EQUIPMENT

Project Background and Introduction

The Cameron Park Community Services District (CPCSD, District) is seeking proposals to enter into a contract for the design, purchase and installation of hardware and associated software for facilitation and management of electric vehicle supply equipment (EVSE) at two of its facilities. The District intends to utilize El Dorado County Air Quality Management District (AQMD) grants to fund the project and reserves the right to not proceed if funding is not secured.

Contact Person

Questions regarding the contents of this solicitation shall be submitted via email to the person listed below:

Jill Ritzman, jritzman@cameronpark.org

Proposal Submittal

Proposals shall be submitted electronically to the Contact Person. **Please submit proposals no later than 5pm, June 18th, 2021.**

Scope of Work and Proposals

The District is seeking to hire an experienced and qualified Proposer that can provide a turnkey solution of all equipment, corresponding software and networking, accessories, warranties, and required to install commercial-grade network-capable EVSE pedestals at each of the two sites included in the Site Details section of this RFP. The District desires two pedestals with two charging connectors at each site. At least one connector must serve a van accessible space. Proposed equipment must meet the standards set forth in this document's Minimum Technical Specifications and comply with all requirements for securing grant funding from the AQMD. The URL link to the AQMD grant requirements are included as subsequent section of this document.

In addition, Proposer will comply with all permitting, ADA and parking requirements, and provide stripping, painting, and signage for EVSE spaces. Proposer will not be responsible for trenching or buried conduit along the trenching path.

Proposal Requirements

Proposals shall include the following sections:

1. Proposer's contact information
2. Written acceptance of the scope of work
3. Cut sheets of proposed ESVE equipment that are compliant with the Minimum Technical Specifications set forth in this document
4. Pricing meeting the written guidelines below

Proposal Pricing

Pricing shall be provided to indicate itemized costs for all anticipated equipment and labor. Pricing shall use prevailing wage rates. Any and all additional ongoing operating costs and/or license fees shall also be clearly documented.

Site Visits, Questions, Clarifications

Proposers shall coordinate all site visits with the Contact Person listed in this document. Reasonable attempts to arrange for access to investigate the site will be made by District staff.

All questions shall be made in writing via email to the Contact Person identified in this document.

Site Details

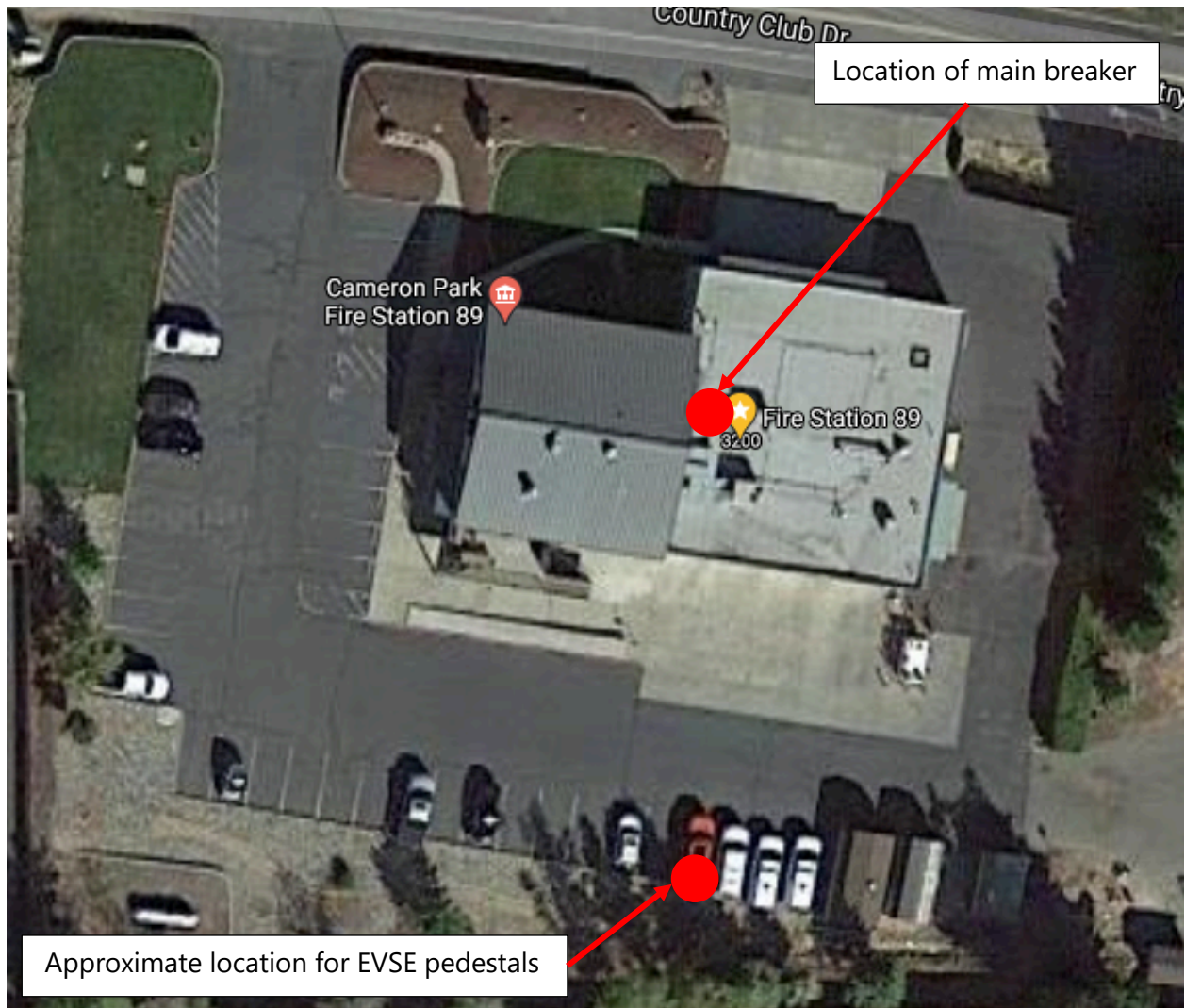
Community Center

2502 Country Club Dr, Cameron Park, CA 95682



Fire Station 89

3200 Country Club Dr, Cameron Park, CA 95682



El Dorado County Air Quality Management District Grant Requirements

<https://www.edcgov.us/Government/AirQualityManagement/Documents/Request%20for%20Proposal%20-%20Electric%20Vehicle%20Supply%20Equipment%20Grant%20-%20Due%20on%20or%20before%20June%2030%2c%202021.pdf>

Minimum Technical Specifications

Applicable Codes and Standards

The System(s)'s design, engineering, construction, interconnection, startup, and testing shall follow the applicable codes, standards, and publications that are in effect at the time of System(s) initiation, and which are consistent with current local utility standards and requirements. The codes and standards utilized shall be the latest editions in effect at the notice to proceed date. Materials manufactured within the scope of Underwriters Laboratories shall conform to UL standards and have an applied UL listing mark. If no UL compliance is available, material and equipment shall be labeled or listed by a nationally recognized testing laboratory.

Permits

Contractor is responsible for obtaining all necessary required permits from the appropriate AHJ for project construction. Contractor shall be responsible for paying for all permits and these costs shall be included in the proposed price.

Equipment

All EVSE equipment must be included on the CALeVIP approved equipment list (<https://calevip.org/calevip-eligible-equipment>) and at a minimum comply with the following requirements:

EV charging stations and equipment:

- Level 2 charging capacity
- SAEJ1772 charge connectors
- Enclosure Rating - NEMA 3R or better, per UL 50E
- NEC Article 625 and related articles and tables
- Open Safety Ground Detection – continuously monitors presence of safety (green wire) ground connection
- Operating Temperature – -22F to 122F (-30C to +50C) and Operating Humidity of up to 85% @ +50C (122F) non-conde
- Meter Accuracy – +/- 2% from 2% to full scale (30A) with 15-minute interval recording
- Compliance with National Electrical Code, FCC and other relevant regulations for safety and operation
- Minimum 18' cable length with automatic retraction to keep cables from lying on the ground.

- Compliance with the Americans with Disabilities Act (ADA)
- Applicable OSHA Regulations
- Security design that is both tamper-proof and vandalism-proof, such as tamper-resistant screws, anti-vandalism hardware, locked enclosures, and graffiti-resistant coating

Networking and Data Capabilities

- Must operate on a cloud-based system and be networked for remote management
- Ability to operate in modes that allow for free or paid charging. Must have the ability to collect revenue from the driver and have flexible pricing options, including hourly, by kwh, by session, and vary the price by time of day or length of session. The equipment must be capable of accepting and processing point of sale transaction payments of all major credit cards and ATM cards through a secure system
- Capture data on all charging operations and provide data to CPCSD in regular, automated intervals
- Available 24/7 customer support
- The units must allow for the ability to control charging loads by port and unit
- The units must report all charging data characteristics (power, times of use, etc.) to be made available for viewing or download via an easy-to-use web-based interface.