



# COUNTY OF ALAMEDA

## ADDENDUM No. 2

to

RFQ No. F-78555

for

**Installation of Electric Vehicle Charging Stations  
At Various Locations in the Counties of Alameda, Contra Costa,  
and Sonoma**

**\*\* REVISED BID DUE DATE \*\***

**BID RESPONSES ARE NOW DUE ON JANUARY 26, 2016 by 2:00 PM**



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The following Sections have been modified to read as shown below. Changes made to the original RFP document are in **bold** print and **highlighted**, and deletions made have a ~~strike through~~.

The Bid Due Date has been revised to January 26, 2016 at 2:00 PM.

The Engineering Plans have been updated to reflect design changes at several sites and the complete removal of site S-2, Sonoma County Facilities Operations. These Plans supersede any prior Plans for this project and bidders should use this most recent update to the Engineering Plans for their bid response.

Page 15 of the RFQ, "Bidding Sheet" has been modified as follows:

<del>Facilities Operations—Sonoma County</del>					
120 0	Mobilization	1	LS		
120 1	<del>Install Conduit— Underground</del>	1	LS		
120 2	<del>Install Conduit— Aboveground</del>	1	LS		
120 3	Electrical Equipment	1	LS		
120 4	Bollards	1	LS		
120 5	Pickup and Install Charging Station	1	LS		

**Note: Site S-2 has also been removed from the Engineering Plans.**

Page 82 of the RFQ, Special Provisions "6.4 Videotaping of Project Site" has been modified as follows:

Prior to start of work at the beginning of the project or at each phase of a staged project, the Contractor, at his/her sole expense, shall make arrangements and shall produce a video (digital DVD format **compatible with a standard DVD player for television**) documenting existing conditions of adjacent areas (curbs, gutters, sidewalks, driveways, private improvements immediately adjacent to the project site, roadway pavement, landscaping, etc.) that might be affected by construction operations.

Page 84 of the RFQ, Special Provisions "10.1 Order of Work" has been modified as follows:

1. Complete all work at Concord sites. **Prior to starting work at the Concord sites, the Contractor shall apply and secure a building permit; there is no cost for this permit.**
2. Complete all work at Alameda County sites
3. Complete all work at Sonoma County sites

Page 85 of the RFQ, Special Provisions "10.4 Traffic" has been modified as follows:

The Contractor shall provide for through traffic (vehicles, pedestrians, and bicyclists) and for ingress to and egress through each of the sites; however, at times when the quality of workmanship can be improved and a better job obtained by the elimination of the through traffic, such traffic may, upon the approval of the Engineer, be temporarily diverted to other routes. **When diverting of traffic is not possible, the Contractor shall provide and place trench plates as necessary to provide traffic access.** The Contractor shall prepare a traffic control plan for review and approval by each site prior to commencing the work.

**Page 104 of the RFQ, Special Provisions “10.13.15 Removing Electrical Equipment” has been modified as follows:**

Existing electrical equipment, pull boxes, and conduits, to be removed and not reused or salvaged, become Contractor’s property and Contractor must dispose of it. Unused underground conduit may be abandoned in place after all conductors have been removed except that conduit terminations from the conduit to be abandoned must be removed from the pull boxes to remain.

Exercise care in salvaging equipment so it will not be damaged or destroyed. **All equipment designated to be salvaged shall be delivered to a site within the Agency as directed by the Engineer.**

Holes resulting from removing pull boxes must be filled with material equivalent to the surrounding material.

**Page 105 of the RFQ, Special Provisions “10.13.17 Electrical Panels” has been added:**

**As noted in the Plans, the Contractor shall modify existing panels or install new panels as necessary to support the installation of the electrical charging stations. If the Contractor finds an alternative method that will provide an equivalent product, which is consistent with the regulations and codes defined in Section 10.12.1 of these Special Provisions, the Engineer will review. If approved, the Contractor may proceed with the alternative installation at no additional cost to the Engineer.”**

**Responses to Verbal/Written Questions**

**General:**

- Q1) Are permits required?
- A1) Yes, the City of Concord requires permits for their sites. There is no cost to obtain a Building or Encroachment Permit from the City of Concord, both of which will be required. The counties of Sonoma and Alameda are self-permitting and do not require permits.
- Q2) Are bids accepted if the DBE participation is under 21%?
- A2) **DBE participation goal is 21%. Bidders that do not meet this goal shall submit Good Faith Documentation of efforts made to meet DBE goal. Bidders that meet goal are encouraged to submit Good Faith Documentation to protect their standing if errors are found in their DBE calculations.**
- Q3) Will payments be made as a lump sum?
- A3) **The winning contractor will enter into a separate contract for each of the three participating agencies (Alameda County, Sonoma County, and City of Concord). Payments from each agency**

will be as a lump sum when work is complete for that agency. Refer to each agency's terms and conditions for more details regarding payments.

Q4) When will work begin?

**A4) Work on this project shall begin when following the Notice to Proceed from the relevant agency. Refer to section 8 of the Special Provisions for more details.**

Q5) Has any consideration been given to separate electric meters for the EV charging circuits where lower electricity rates are available?

**A5) The plans and specifications do not call for any sub-metering equipment to be installed.**

Q6) Conduits as stated are: - Underground - Sch 40 PVC, Aboveground - EMT. What about soil-air transition or through concrete-air or asphalt-air?

**A6) This question will be answered in a future addendum.**

Q7) Bid instructions allow 45 days to complete all the work. Can this be increased to allow more time?

**A7) Section 8.3 "Contract Working Days" indicates "the Contractor shall complete all work associated with this contract in no more than 60 working days."**

Q8) Specifications 6.4 require video tapping of each site. If this is required, what format should we submit the recording in?

Q9) Will we have to submit a supplemental schedule of values other than the one in the specifications?

**A9) No, the Bidding Sheet will be used for evaluation of bids.**

Q10) Will a user credit charge system be required at any site?

**A10) The Electric Vehicle Charging Stations in this project have RFID credit card charging ability. Contractors do not need to make any changes or additions to this functionality.**

Q11) Will a porta potty be required at any sites or can we use the existing facilities?

**A11) A porta-potty is not required for any of sites in this bid. Contractors may use the facilities at each site for Alameda and Sonoma Counties and the City of Concord. For the Concord Police Department (site C-1), contractor may use the lobby of the station after signing in. For the Willow Rock Center (site A-4), contractors should use the adjacent Building Maintenance Facility and not the Willow Rock Center's facilities.**

Q12) The drawings call for a load study on each existing panel that we are connecting to. Will this be required?

**A12) This question will be answered in a future addendum.**

Q13) What type of marking or signage will be required at each EV parking space?

- A13) The Partner Agencies have determined that signage and/or ground paint stenciling is required to mark parking stalls served by EV Charging Stations. Sign mounting and positioning should meet proposed building code 11B-812.8.7, copied below:**

**11B-812.8.7 Location.** Required identification signs shall be visible from the EVCS it serves. Signs shall be permanently posted either immediately adjacent to the vehicle space or within the projected vehicle space width at the head end of the vehicle space. Signs identifying van accessible vehicle spaces shall contain the designation "van accessible." Signs shall be 60 inches (1525 mm) minimum above the finish floor or ground surface measured to the bottom of the sign. Signs located within an accessible route shall be 80 inches (2032 mm) minimum above the finish floor or ground surface measured to the bottom of the sign. Signs may also be permanently posted on a wall at the interior end of the vehicle space.

**For Sonoma County Sites, Contractor to add posted sign reading "Electric Vehicle Parking County Fleet Use Only" and ground paint stencil (in white paint) reading "EV Parking" for each parking stall served.**

**For Concord Sites, Contractor to add posted sign reading "Electric Vehicle Parking City Fleet Use Only" and ground paint stencil (in white paint) reading "EV Parking" for each parking stall served.**

**For Alameda County Sites, Contractor to add the following:**

**A-1: Posted signs for each Charging Station reading "EV Charging Station", no ground stenciling required.**

**A-2: Posted sign reading "Electric Vehicle Parking County Fleet Use Only" and ground paint stencil (in white paint) reading "EV Parking" for each parking stall served.**

**A-3: Posted sign reading "Electric Vehicle Parking County Fleet Use Only" and ground paint stencil (in white paint) reading "EV Parking" for each parking stall served.**

**A-4: Posted sign reading "Electric Vehicle Charging Station" and ground paint stencil (in white paint) reading "EV Parking" for each parking stall served.**

**A-5: Posted sign reading "Electric Vehicle Parking County Fleet Use Only" and ground paint stencil (in white paint) reading "EV Parking" for each parking stall served.**

**Site A-1:**

- Q14) There is a Level 1 charger attached to the column where the EVDC 3 station will be installed, should this be removed?**
- A14) Yes, contractor should uninstall the existing level 1 station here and return to Alameda County before installing the EVDC 3 station. The station can be left at the Dispatch Office in the basement of the AlcoPark garage.**

**Site A-2:**

- Q15) Is there already conductors which can be used in the 2" conduit between the service switchboard and the pull box or will new wire need to be installed here?**

**A15) The Engineering Plans for this site call for new 4 #6, 1 #8G wiring to be pulled through this conduit.**

**Site A-3:**

**Q16)** "Panel EV" in the engineering plans states it can be "modified as required" – does the contractor have the option to pull of existing panels or install a new panel?

**A16) Contractors have the option to modify this panel or replace it with a new panel.**

**Site A-4:**

**Q17)** Should traffic be blocked here or put ground plates during the trenching period?

**A17) As defined in Section 10.4 "Traffic" of the specifications, the contractor shall provide for through traffic. Refer to Table 1 in the Special Provisions of the RFQ for information on local contacts, allowable times to shut off power, lead time for power shut off required, permitted work hours, etc.**

**Site A-5:**

**Q18)** There are 4 Level 1 chargers attached to the wall where the EVDC 1 and EVDC 2 station2 will be installed, should this be removed?

**A18) This question will be answered in a future addendum.**

**Site C-1:**

**Q19)** Are there any restrictions on the types of machinery to be used because this is a secure location?

**A19) No.**

**Q20)** What are the power cutoff requirements?

**A20) Refer to Table 1 in the Special Provisions of the RFQ for information on allowable times to shut off power, lead time for power shut off required, permitted work hours, etc.**

**Q21)** New transformer and charging stations are proposed in proximity to classified hazardous locations (gasoline fueling and storage facility). Has adequate distance been allowed per Article 500 of the NEC?

**A21) This question will be answered in a future addendum.**

**Q22)** Installation of a new meter and disconnect in the existing transformer enclosure in the northern area of the site would eliminate more than 50% of the proposed trenching and also disruption of a 24-hour manned operating facility. The new transformer could be in the enclosure area, also. Could this be looked at as a cost saving option?

**A22) Bidders should submit bids based on the existing Engineering Plans for this site.**

**Site C-2:**

**Q23)** Is an 80 amp circuit required for this dual-charging station?

**A23) A 40 amp circuit is required for these stations. Please refer to the One Line Diagram in the engineering plans.**

**Site C-3:**

Q24) Provide clarification on which of the 4" conduits runs to the pump house, there are currently two exposed in the basement.

**A24) This question will be answered in a future addendum.**

Q25) The engineering plans show an existing pull box that is connected to 4" conduit, although this could not be found. Please provide clarification on where this pull box is located.

**A25) This question will be answered in a future addendum.**

**Site S-3:**

Q26) How should conduit be routed to the panels?

**A26) Please refer to updated Engineering Plans for this site. Conduit is no longer being routed on the outside of the building. It is now being run through the building, above the ceiling, to the panel. Also, electric lines in the parking lot must now be buried so that there is no exposed conduit on the exterior of the building.**

Q27) Will the stations be wall-mounted or ground-mounted at this location?

**A27) The engineering plans have been updated for this location, these are now 4 ground-mounted charging stations.**

Q28) The engineering plans show the new EV panel to be installed at this location at the far end of the building, close to the chain link fence. Can the contractor be allowed to move the panel closer to the other side of the building, nearer to the street to reduce the length of conduit run from the main panel to the new EV panel?

**A28) Please refer to the updated Engineering Plans for this site. The EV electrical panel has been relocated closer to the North West corner of the building.**

Q29) Does the contractor need to add a concrete pad below the EV charging station because of the ground gravel?

**A29) These stations have been changed to ground (bollard)-mounted stations. Detail 1 on Sheet 4 of the Engineering Plans indicates that all bollard-mounted stations need a concrete block as a foundation for the stations.**

The following participants attended the Bidders’ Conferences:

Company Name / Address	Representative
Conti Corporation	Bill Famini
L.D. Strobel Co	Mark Johnson
ABM	Tacio Cero Russ Jones
Common Ground Electric	Carl McNair
Aram Electric Inc	Art Ramirez
REJ Electric Inc	Brandon Powell Adrian Rosolie
Mongoose Electric	Andy Gong
Alisto Engineering	Peter Beaver