

RFQ/P BATTERY ENERGY STORAGE SYSTEM (BESS) AT 6-SITES PS23-0338-11

Q&A Deadline September 26, 2022 2:00 PM (PDT)

Set 1 Released via Addendum No.1 10/03/2022 4:11 PM (PDT) – 18 questions

1.1 Besides the 2-hour/4-hour systems specified, does the district have any specifications regarding resiliency or amount of back-up storage to be retained? Also, does the District have any anticipated critical loads, or is that up to our discretion?

Answer Design/Build teams are requested to propose equipment best capable of meeting requirements as outlined in the RFQ/P document. Regarding Critical Loads see revised Alt #2 description.

1.2 Is the District open to battery modules being split up into more than one location at one site to accommodate designated space restrictions?

Answer Yes.

1.3 During the site walk and Attachment C Site Plans, BESS locations have been proposed by the District. Many of these locations do not have suitable space for outdoor rated battery storage systems, such as Hamilton Elementary, Language Academy, and Sherman Elementary. Can we propose other locations other than those already specified, that have enough space to house the BESS?

Answer See the revised site plan drawings showing alternative locations. If those locations are deemed unusable by any Bidder, proposed substitute locations may be offered on the condition that locations meet jurisdictional, functional, code compliant, and site acceptable solutions.

1.4 Are we allowed to cut down the trees in the designated BESS locations specified during the site walk?

Answer Bidders should make provisions to provide replacement 24 in. box tree of similar species if it is shown tree removal is necessary.

1.5 During the site visit to Ibarra, it was discovered that the BESS cannot be placed in the location shown on E03-1. Where is the new potential BESS location?

Answer See revised site layout drawing for BESS location. No spare conduits should be assumed.

1.6 During the site visit to Language, it was discovered that the potential tie-in to the utility is a 480 volt distribution board and not the existing main air switch. Where is the existing main air switch?

Answer Air Switch is now shown on the revised site drawing.

1.7 During the site visit to Language, it was discovered that the potential location of the BESS shown on E02-1 is where the existing main service is located. Where is the new potential location for the BESS?

Answer See the revised site layout drawing for BESS pricing.

1.8 During the site visit to Hamilton, it was discovered that the BESS spare conduit is not installed. There was discussion of the BESS location changing. Where is the new BESS location? Has it been confirmed that there are no spare BESS conduits installed?

Answer See the revised site layout drawing for BESS pricing. No spare conduits should be assumed.

1.9 Sherman High School's location for the BESS shown on E05-1 is too small to fit a 119kw system. What other location can the BESS be installed?

Answer Alternate BESS locations have been provided for bidding. Bidders should provide pricing for their optimal solution for the primary location listed per site that maximizes the SGIP incentive available to SDUSD. Bidders should also consider alternative locations that may be a better fit for their proposed solution and technology.

1.10 On Document B2, Tab Add-Alt Microgrid (Req'd), columns M and N, pricing for Manual Load Management and Critical Load Panel are requested. There is no detail and or information on what SDUSD needs so that pricing can be provided. Please provide further information on the Manual Load Management and Critical Load Panel items for all 6 schools.

Answer Refer to the revised single line diagrams and Bid Alternate description for island operation to back-up the main panel only and not isolate any critical loads (MDFs, IDFs and Freezers).

1.11 During the site visit, all the switchgear, services, and PV tie-in equipment were examined on the outside. There was no access to the internals of any of the equipment. All equipment on the exterior appeared to be operational and in good working condition. For bidding, should it be assumed that the existing equipment shown on all the single lines is in good working condition and will be reused??

Answer Yes.

1.12 During the site visit. It was mentioned that there will be an addendum that adds detail to the Alternate #2 plan. When will it be released?

Answer This RFI response is provided with Add. #1 which includes revised Alt #2 detail information.

1.13 Porter North ES PV as built drawings, sheet PO-E111 Underground Conduit Schedule show DB05 as conduits for the BESS. DB05 terminates into a handhole just outside the service switchgear, 'MM1'. Are there conduits that extend from the handhole and terminate into 'MM2'?

Answer No.

1.14 Porter North ES PV as built drawings, sheet PO-E110 Underground Conduit Schedule show DB08 as conduits for the BESS. DB08 terminates into a handhole just outside the service switchgear, 'MM1'. Are there conduits that extend from the handhole and terminate into 'MM1'?

Answer No.

1.15 On the site walk, there was discussion regarding the DSA rejecting certain batteries on other projects. Please provide the DSA's requirements for batteries in a BESS system. Please provide the DSA's list of approved BESS manufacturers.

Answer Bidders are required to propose acceptable and code compliant equipment. All necessary approvals by any and all Jurisdictions having Authority is a requirement of Design/Build teams.

1.16 In order to provide costs for Alternate #2, the existing electrical circuit, single line, conduit routing, power loads, existing communication pathways, and existing communication protocols, are needed. Please provide for each school: 1) the full set of as built plans for the existing buildings and sites, 2) loads of the panels per the alternate #2 single line.

Answer Refer to the revised single line diagrams and Alternate description for island operation to back-up the main panel only and not isolate any critical loads (MDFs, IDFs, and Freezers).

1.17 Can a C-10 Contractor Bid this project as Prime?

Answer No, the District is looking for a prime contractor with an A or B license.

1.18 Can this project be broken up into multiple smaller projects so small businesses and DVBE can bid as prime?

Answer No, the District has advertised this RFQ/P with multiple sites but is planning to award multiple to sites to one or more prime contractors.
