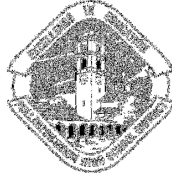


**FULLERTON JOINT UNION HIGH SCHOOL DISTRICT
ADDENDUM 3: REQUEST FOR INFORMATION RESPONSES**



Addendum No. 3 – Request for information (RFI) Responses

Proposal No.: 1819-09

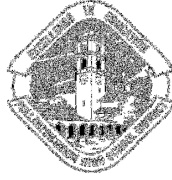
Project Name: Design-Build of Solar Photovoltaic System

Proposal Date: 12/5/18

The following responses to RFIs modify, as indicated, the contents of the RFP and Contract for the RFQ/P Design-Build of Solar Photovoltaic System Proposal No. 1819-09

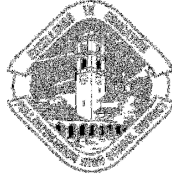
#	RFI	District Response
1	The due date is stacked up against the holidays. Is there any chance Fullerton would consider 1-2 week extension on that? It would make planning and execution of the bid proposal a lot smoother.	See Addendum 2.
2	Would it be possible for the District to provide hourly consumption data for the proposed solar sites? This would allow us to analyze the potential for energy storage to add value.	15-minute site interval data in kW uploaded to the Fullerton Facilities Webpage on 12/10/18 as Addendum 1.
3	This is an exciting project and the sites are big and complex. An additional 2 weeks to complete the proposal would be very helpful and will likely increase the quality and value of the proposals, especially with the downtime during the end of year holidays.	See Addendum 2.
4	I have an additional question re the RFP, section C, relevant projects: We are happy to provide the info for the relevant 20 projects but would the District please consider adjusting the requirement to provide owner name / contact info to only 5 instead of all 20 projects? We find that our previous project owner reps change frequently so to ensure accuracy it would be very helpful to reduce the requirement for owner contact info from 20 to 5.	Contact person's name, email and phone number shall be required under RFP Section 2.3 C (4) for a minimum of the 5 most recent projects. All other information requested in 2.3 C (1, 2, 3, 5, 6, 7) are required for all previous projects up to 20, as stated in the RFP.
5	We build solar projects nationwide and including in CA. We are teaming with another company on this proposal, they will be project/PPA owner. We meet all financial and safety qualifications but there are a couple of qualifications on the prequal sheet that we are slightly under. The other company meets all qualifications. Will we be allowed to propose on this as a team and meet quals?	The District has received inquiries related to the "Essential Criteria" requirements in the RFQ/P for Design-Build of Solar Photovoltaic System. Regardless of how a respondent to the RFQ/P is structured (as a partnership, a corporation, a joint-venture, etc.), the respondent entity must hold the required contractors license to construct the project, must provide the payment bond and performance bond, and must have the required past experience. Those requirements cannot be satisfied by a subcontractor or subconsultant.
6	Section 2, 2.3 of the RFP: In regards to the 50 page limits, a few clarification questions: - are section tabs considered into the page limit? - can you confirm that the request to have 50 pages, double sided, means the requirement is for 50 sheets of paper, therefore 100 pages of total content	Section tabs are not included in the page limit. The page limit is 50 pages of content. Inverter and module data sheets can be hyperlinked. 8760 data is required in electronic format only in a spreadsheet format (e.g. Excel). 8760 data does not count towards the page limit.

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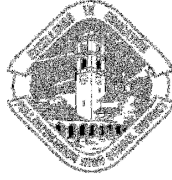
	<p>- For Section 2, D (2) Project Design: 2(d) - PV Modules and 3(c) Inverters asks for the manufacturing data sheets, which can be lengthy. Can these data sheets be linked via hyperlink to the PDF data sheets, so that they are not a part of the page count?</p> <p>- Section 2, J(3) Solar Production Data: Is the 8760 excel spreadsheet referenced here to be provided in the electronic submission only? If this was required to be printed and included in the page count for the hard copy it would greatly reduce the number of pages available to respond to the other aspects of the RFP.</p>	
7	<p>Section 2, 2.3, J(4)(I): In regards to the Allowance amount:</p> <p>- Is there a specified dollar amount that will be the "Allowance" amount? The contract makes a notation of 5% of direct costs, but unsure if this applies to PPA payments over term or the Contractors project cost.</p> <p>- Will the District be describing other items which are considered "Allowances" beyond what is noted in Section 2, 2.3, J(4)(I), or should Contractors make notation of what is considered an expected "Allowance"?</p>	Any allowance amounts that are included in the final contract are not intended to impact the PPA rate. The allowance amounts are intended to pay for unexpected or District-approved scopes of work that are outside what the Respondent includes in its design and construction costs that form the basis for the PPA rate. The District hopes to have very few allowances and very little scope that is not paid for within the PPA rate.
8	Section 3.1, Page 13 - it's noted that Contractors do not need to provide estimated financial benefits. For the energy storage portion value-added option, does the District or Consultant request any further information beyond energy storage 8760 for determination of scoring based on the evaluation criteria of 60% for pricing and economic valuation?	Respondent shall provide 15-minute interval data for storage system(s), if available. If a Respondent contends that the 15-minute interval data is proprietary and cannot be shared, that must be explained and identified as confidential. Storage system(s) assumptions must be stated as well as benefit.
9	Attachment 1: Can the solar PV production exceed the "main; estimated post energy efficiency measure installation baseline #" ?	PV solar production shall not exceed estimated post energy efficiency measure installation baseline when stated in the notes of Attachment 1.
10	NEM Agreements: Can bidders exceed the CEC-AC rating on a NEM agreement?	Respondents may exceed the CEC-AC rating on prepared NEM agreements provided that any changes do not endanger the District's ability to be grandfathered into the legacy utility TOU periods AND that the PV generation does not exceed energy baseline.
11	Can the District clarify if phasing is necessary during Summer break? If not, what are the Summer break dates that contractors can assume they have full access to parking areas?	District sites are utilized year-round. Project construction is assumed to take place during the school year and summer. Respondent should assume that no more than 50% of a site's parking can be closed for construction at any given time.
12	If phasing of construction is necessary, can the District facilitate contractors to install systems in 2 phases (as opposed to >2 phases)?	Respondent is responsible to develop project phasing. Respondent should assume that no more than 50% of a site's parking can be closed for construction at any given time.
13	Are there any specific requirements to location of energy storage systems, outside of being near the point of interconnection for bidding purposes?	No, specific requirements
14	At Fullerton HS, are the trees located on the east side of	District shall trim trees as necessary. Tree removal will be

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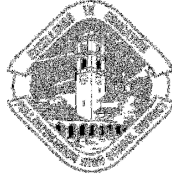
	the main campus (N. Lemon Street) able to be removed or trimmed to maintain a certain height?	evaluated if required.
15	At Fullerton HS, is the Agricultural Center owned by the District?	Yes
16	Can the District confirm that the District Learning Center will not be DSA reviewed, but will be AHJ permitted?	DSA will not be reviewing plans for the District Learning Center. Respondents shall be responsible for any permitting required by the AHJ.
17	At La Habra, can bidders assume that there will be a 480v tie in point available at the new Sports Complex.	See "Attachement 4 - Supporting Documents" 12613_La Habra INC-2_Plans_V2_BidSet for electrical SLD for Performing Arts Center. There is a 277/480V Distribution Switchboard to be located in this building. The Sports Complex is already complete and further from the proposed PV array locations.
18	At La Habra HS, are the trees located on the south side of the main campus able to be removed or trimmed to maintain a certain height?	District shall trim trees as necessary. Tree removal will be evaluated if required.
19	Can the District identify which schools and locations would be acceptable for the "Solar workspace/ picnic area for student device charging on District campuses"?	The District is interested in solar workspace/ picnic areas for each high school site but excluding District Learning Center.
20	Will the school district be responsible for damages to the system caused by a 3rd party (including vandalism), outside of bidders control?	Yes
21	Will the school district be expecting contractor to restripe the entire parking lots, outside of ADA areas.	Respondent will not be responsible for parking lot striping. Striping should be excluded from scope and PPA pricing.
22	For energy storage pricing, shall bidders assume the SCE SGIP incentive at Step 3?	Contractors shall assume SCE SGIP incentive Step 3
23	Can the District provide an allowance for SCE required interconnection costs at each site for these projects, so that bidders can assume the same costs on the RFP response, as these are imposed by SCE?	The District does not intend to establish an allowance for interconnection costs. Respondents shall assume interconnection costs into project pricing.
24	Can the minimum requirement be amended such that companies with [1] K-12 CA public school >1 MW carport installation project still meet the response qualifications? Background to the above request: Our team has designed and built over 100 MW of commercial/institutional solar power systems. Those include some of the largest C&I solar projects in the United States. Specifically, the largest single-site rooftop installation in North American history (16.4 MW across four roofs) and a 1+ MW carport project spanning multiple sites for Los Angeles Unified School District.	The District is not changing its "Required Past Projects" as indicated in the RFP:- - At least two (2) of the projects must have each totaled at least 1.0 MW and be in current commercial operation; - At least two (2) of the projects must each have been for a California K-12 public school district and be solar PV installations of 1.0 MW or larger; and - At least two (2) of the projects must each have been carport PV installations.
25	Can you provide more details about what you would like for the solar workspaces?	The District is interested in providing shaded outdoor areas for students to sit/stand and charge laptops or devices. USB and 120V receptacles are encouraged since all students carry Chromebook laptops. Intent of the workspaces is to provide a tangible solar experience/benefit to the students of the district. Workstation solutions should be designed for durability, be

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		clearly identifiable as solar-powered, and fit into the campus environment.
26	How many EV Chargers would the District like at each site? Any additional information you can provide about what you would like related to EV Chargers would be helpful.	The District would like a minimum of 2 EV charger ports per site. Chargers should be level 2, networked and accept payment for use. Charger location shall comply with accessibility requirements.
27	Proper sizing of battery storage systems requires analysis of utility interval data. Will this data be provided or should respondents make their own assumptions?	15-minute interval data for each location has been provided through the Facilities and Construction website as Addendum No.1. All sites identified by name in individual sheets of the Excel workbook.
28	Would the District consider using respondent's form of PPA contract in lieu of marking up the provided PPA contract?	No, the District will only be using its contract forms. Respondents must provide any comments to District's forms as required in the RFP.
29	In section F.2. regarding the performance guarantee, can you clarify the meaning of "unneeded or unused production over 100% of the first year target"? Can respondents assume that if production exceeds the first year target but can still be used by the District there would be compensation for that energy to the provider?	The District agrees to purchase solar energy provided by the PV system owner up to 100% of the first year target production as determined by the project owner. The District also agrees to purchase solar energy provided by the PV system owner above 100% of the first year target when the solar energy is needed and can be used by the District, but in no case will the District pay for power over 100% first year target that it will not utilize.
30	Section J.4.I. says that there will be an allowance for unforeseen conditions, ADA, etc., Should this allowance be built into the PPA rate? How much of an allowance should be budgeted?	Any allowance amounts that are included in the final contract are not intended to impact the PPA rate. The allowance amounts are intended to pay for unexpected or District-approved scopes of work that are outside what the Respondent includes in its design and construction costs that form the basis for the PPA rate. The District hopes to have very few allowances and very little scope that is not paid for within the PPA rate.
31	Can you clarify the focus of the Education Program? Page 13 seems to indicate that the focus of the education should be District staff whereas Page 9 indicates that the focus should be students.	Educational component and scoring shall be consistent with 2.3 G of the RFP. Please include what training the respondent can provide. While educational kiosks may be included as an added value option, they are not required.
32	Would the District be open to an extension to 1/17? There are only 10 business days from receipt of responses to questions to the ship date. Allowing more time, particularly over the holidays would allow for more refined responses from the entire vendor pool. Additionally, would electronic submission be accepted?	The District decides to adhere to the schedule as shown in Addendum 2. The District will accept electronic submission provided that the entire proposal, Attachment 3 and interval data can be shared electronically.
33	Would the District favor 20 year PPAs? Under California Net Energy Metering standards, the District is not guaranteed full retail rate compensation for exported energy after year 20. Thus years 21-25 could leave the District severely exposed to an uneconomical situation.	Section 2.3 J(a)(1) should read, "Term: 20 years" for PPA. The District is procuring for a PPA that will be grandfathered into NEM 2.0 for a period of 20 years per Decision (D.) 14-03-041.
34	Are electrical single line diagrams required for each site?	Respondents are required to provide preliminary single line diagrams for all sites.

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35	Would aluminum conductors be acceptable instead of copper conductors, per Exhibit A (4.7.13.9)	Aluminum conductors are acceptable for use. Contractor must meet all relevant and applicable codes including but not limited to the California Electrical Code.
36	Please confirm if the necessity for Galvanized Rigid Conduit (GRC) mentioned in Exhibit A (4.7.13.6) is required. The electrical code allows the use of EMT for outdoor applications.	Galvanized Rigid Conduit (GRC) shall be required where subject to severe physical damage during or after installation per California Electrical Code Chapter 3. EMT will be allowed provided the use is permitted by California Electrical Code and all other relevant codes.
37	Please confirm the minimum clearance for canopy structures.	Minimum clearance for canopy structure is 10 feet.
38	Please confirm if the 100kW co-gen system for Fullerton High School will be decommissioned and acknowledged by SoCal Edison before the RFP awardee will need to file for initial interconnection approval.	La Habra High School will be decommissioning their co-gen system in 2 years. Respondent shall include any assumptions and exclusions in their proposal regarding the co-gen system and PV system sizing.
39	There was mention of a new meter being installed for the new gym/auditorium complex for La Habra High School. According to the plans provided, it would be a sub meter. Would the switchboard in which it's located be acceptable for interconnection, and if so, when is the switchboard planned to be operational?	District does not have issue with interconnection in the Performing Arts Building new switchboard provided that it meets utility and code requirements. The building is scheduled to be complete 8/1/19.
40	During the Fullerton High School site walk, a separate utility meter (259000-049026) was shown. Is this a sub meter on the same meter as the rest of the high school, or is it electrically separate?	Utility Meter 259000-04926 located in the agricultural building of the Fullerton HS campus is electrically separate from the meter listed in Attachment 1 as "(Main)." Meter 259000-04926 is on service account number: 2643344 and rate TOU-GS2B.
41	The Attachment A Site Overview drawing for La Sierra / La Vista HS does not show the parking area north of the building being used for solar at all. Is this location acceptable to use if need be?	The north lot of La Sierra / La Vista can be utilized for solar PV arrays at the Respondent's discretion.

END OF DOCUMENT