Perris Union High School District

REQUEST FOR PROPOSALS

Solar Project

December 16, 2015

Mandatory Important Dates:

| Site Walks | January 5, 2016 at 8:00 am (Meet promptly at 155 E 4th Street, Perris, CA 92570 at 8:00 a.m.) |
|---|--|
| Proposal Due Date | January 26, 2016 (by 2:00 p.m.) |
| Selection Interviews | February 10, 2016 |
| Selection of Solar Company for Negotiation of Contract | February 11, 2016 |
| Board Approval of Contract | March 16, 2016 |
| Start Construction | April 2016 |
| End Construction | December 2016 |

TABLE OF CONTENTS

Page(s)

| SECTION 1: OVERVIEW | | | |
|---|------|--------------------------------|--|
| | I. | Introduction 1 | |
| | II. | Proposer Qualifications | |
| | III. | District Overview | |
| | IV. | Project Description | |
| | V. | Project Scope and Standards | |
| | VI. | Performance Guarantee for PPA | |
| | VII. | Technical Requirements for PPA | |
| SECTION 2: PROCESS 5 | | | |
| | I. | RFP Responses | |
| | II. | Mandatory Site Walk | |
| | III. | Milestones | |
| | IV. | District's Selection Committee | |
| | V. | Selection Criteria | |
| SECTION 3: PPA PROJECT REQUIREMENTS | | | |
| | I. | Completion Date | |
| | II. | Scope of PPA Services | |
| | III. | Codes and Standards | |
| SECTION 4: PREPARATION OF RFP RESPONSE: PPA PROPOSAL & COST PROPOSAL | | | |
| | I. | PPA Proposal | |
| | II. | Cost Proposal | |

APPENDIX A - MAP

SECTION 1: OVERVIEW

I. <u>Introduction</u>

The Perris Union High School District ("District") wants to optimize the rates it pays for electricity through the purchase of energy generated from solar photovoltaic ("PV") systems installed on selected District sites at a lower cost than it currently pays ("Project"). The District has been upgrading its energy efficiency and now wishes to obtain the best value it can for generated energy. The District is requesting proposals from qualified firms to finance, design, install, operate, and maintain PV systems on selected District sites.

The District may be interested in entering into a power purchase agreement ("PPA") with the selected firm to which it will grant an easement or license over portions of District property where the PV systems will be installed. The District will purchase the energy generated from the systems at a lower cost than it currently pays its local utility.

The District desires to secure professional services from a firm that can assist the District in transitioning facilities from non-renewable energy sources to renewable sources at <u>no capital cost</u> to the District.

Aerials maps of the District's campuses and description of potential locations for photovoltaic installations are attached as <u>Appendix A</u>.

This is a request for proposals ("RFP") only and should not be interpreted as a solicitation for services. Submittals should be concise and responsive to the District's goals and formatted as outlined in this RFP. Innovative and creative solutions are encouraged. All costs for proposals and design are entirely the responsibility of the proposing firm and shall not be charged to the District.

II. <u>Proposer Qualifications</u>

A proposing firm ("Proposer" or "Proposers") must have successfully completed a minimum of three (3) solar energy projects for school districts or other public agencies ("Customers") within the last five years ("Completed Projects") Completed Projects must be fully operational, on-line, and generating power which is being invoiced to one or more Customers at the time of this submittal. Proposers must provide information about Completed Projects as set forth in Section 4, Part III and authorize the District to contact the owner.

Proposers shall ensure that all contractors and subcontractors involved in the Project comply with all applicable provisions of the California Labor Code regarding payment of prevailing wage rates.

To qualify, the Proposer must either individually or collectively demonstrate extensive training, relevant expertise, and a thorough knowledge of the professional services, functions, activities, and related responsibilities to successfully perform its role in this solar project. Proposer shall possess:

• Valid and pertinent State of California contractor construction licenses.

- All electrical work to be performed by individuals holding a California C-10 license, or if under the supervision of a C-10 contractor, be a California Certified Electrician or an Electrician Trainee.
- Professional engineering licenses for photovoltaic/electrical and structural work; or provide evidence that individuals holding such licenses have performed work for the Proposer in the past and have agreed to do so for the Project if Proposer is selected.
- Special training and expertise as applicable, including but not limited to, OSHA 30 and NFPA 70 certifications.
- Qualified references.

III. District Overview

The District is located in Riverside County and primarily serves the communities of Perris, Menifee, Romoland, Nuevo and Lakeview.

The District has 7 school campuses and 3 district facilities. The District educates approximately 9,750 students in grades 7- 12^{th} and a Charter school with an enrollment of 1,050 students in grades $5 - 12^{\text{th}}$ located throughout the 184 square mile District.

The District currently is made up of three comprehensive high schools at the following locations:

Perris High School: 175 East Nuevo Road, Perris, CA 92570

Heritage High School: 26001 Briggs Road, Romoland, CA 92585

Paloma Valley High School: 31375 Bradley Road, Menifee, CA 92584

The District currently has one middle school, Pinacate Middle School, located at 1990 South A Street, Perris, CA 92570.

The District has three additional, non-traditional schools, including the Charter school at the following locations:

Perris Lake High School/ Perris Community Adult School: 418 Ellis Avenue, Perris, CA 92570

California Military Institute Charter School: 755 North A Street, Perris, CA 92570

The Academy: 515 East 7th Street, Perris, CA 92570

In addition, the District owns the following facilities sites:

District office: 155 E 4th Street, Perris, CA 92570

Student Services Center: 1151 North A Street, Perris, CA 92570

Maintenance, Operations, and Transportation: 300 W Metz Rd, Perris, CA 92570

The District is interested in two proposals: (1) a proposal that reflects the best design available to maximize savings for the District with an emphasis on economics and energy use efficiencies and, (2) another proposal that reflects a design that balances economic benefits with aesthetics and addresses the District's desire for an economical but also visually pleasing Project. Such elements will be further described herein and during the mandatory site walk. If either proposal excludes certain school sites and/or facilities sites, an explanation for the exclusion should be provided. Hereafter, the school and facilities sites will be referred to collectively as "Project Sites."

IV. <u>Project Description</u>

The District is interested in the installation of PV systems on one or more Project Sites to generate energy that would be purchased by the District. The Proposer will design, procure and install equipment, operate and maintain the solar PV systems to generate energy at the Project Sites, taking into account electrical usage and demand and load pattern, installation costs, and other relevant factors, with the intent that the Proposer will generate energy and sell it to the District at a cost lower than the District's current energy prices. Proposer will be responsible for all activities related to interconnection, metering and any financial incentives through Southern California Edison.

Specifically, the District is interested in the installation of solar photovoltaic systems that will generate power to be purchased by the District through a long-term Power Purchase Agreement ("PPA") or equivalent, with available buyout options. Under the PPA, the District will pay <u>no</u> <u>capital costs</u> for the design, construction, installation, operation and maintenance of the photovoltaic systems. The proposal shall state whether the District or the Proposer will be eligible for rebates and other financial incentives or will have ownership of environmental attributes, including Renewable Energy Credits (REC) and carbon credits.

V. <u>Project Scope and Standards</u>

The District will purchase electricity produced by the PV system under the terms and conditions of the PPA. The scope of this Project is all inclusive and includes the following: project planning; system engineering; labor; procurement of materials and equipment; and their delivery, and installation; and system operation and maintenance as described below.

Proposer shall apply for and obtain all necessary permits from applicable regulatory agencies including federal, state, and local jurisdictions. Proposers must use PV panels that are pre-approved by the Division of State Architect and listed as "Incentive Eligible on the GoSolar California" website (http://www.gosolarcalifornia.org/equipment/pv_modules.php). The selected Proposer will be expected to secure financing for the Project and will be responsible for the security of all Project materials.

VI. <u>Performance Guarantee for PPA</u>

As part of the PPA, the District requires a performance guarantee for the system, including the annual predicted kW production at the site for a period of twenty (20) years. This guarantee will

stipulate that the District shall be financially protected from any failure of any site system to meet a percentage of the expected production levels.

VII. <u>Technical Requirements for PPA</u>

- The District prefers that the designs consist of shade structures or parking canopy structures, but will entertain other proposals for other types with accompanying explanations. However, the District will not consider roof mounted designs. Proposers suggesting a different type or location must provide sufficient justification for the modification of the structure and location, including maps of the proposed locations and drawings of the systems as they will look installed at the alternate Project Sites.
- 2. For purposes of the RFP, the District stipulates that PV systems may be installed in areas where they do not: (1) impede or otherwise disrupt traditional activities hosted on turf (grass playing field) areas; (2) impede or otherwise disrupt or interfere with lined hard-court areas (e.g. play yards, basketball courts, volleyball courts, etc.); (3) obstruct, impair or compromise fire/life safety lanes or established ADA paths of travel; (4) obstruct, impair or compromise student, site or community safety, including security camera visibility; (5) result in the potential for enhanced District liability, including environmental and personal injury liability; or (6) appear to be aesthetically incompatible with existing facilities at the proposed school site.
- 3. There should be a discussion of the Proposer's plan for handling any open DSA project A#'s" preventing prior project closeout and certification by DSA, if any.
- 4. Net metering, and any resulting negative/positive impact (if any) on the District, should be addressed.
- 5. There should be a discussion of different types of technologies and their appropriateness for this Project (e.g., flat plate PV, thin film, concentrated PV, etc.).
- 6. All PV module structures must be DSA pre-approved and shall be designed to resist seismic loads and the climate impacts commonly experienced in this geographic region.
- 7. The District would like a discussion of the effect on the PV module structures of any environmental and climatic challenges commonly experienced in this geographic region, including, but not limited to, wind, hail, dust, and temperature.
- 8. All equipment shall be UL listed; or listed by a Nationally Recognized Testing Laboratory.
- 9. All installations shall comply with the Division of State Architect requirements, the most recent California Building Code, the California Fire Code, the California Electrical Code and any local jurisdictional requirements.
- 10. The solar array layout shall comply with all fire safety guidelines applicable to PV systems. Please refer to "Understanding the Cal Fire SOLAR PHOTOVOLTAIC INSTALLATION

GUIDELINE" which is available for download at

http://www.solarabcs.org/about/publications/reports/fireguideline/. All the guidelines set forth therein shall be construed as requirements of any proposal.

- 11. Solar production shall include web-based monitoring system which shall monitor the production of the PV system and the electrical use of the facilities in real time. Both the solar productions and the NCC electrical use shall be electronically displayed for District viewing via a web-based browser. A license to access this data shall be paid for by Proposer for the term of the PPA.
- 12. As will be further detailed in any PPA entered into between the Proposer and the District, guaranteed minimum output from the system shall be 85% of the predicted performance output from the system.
- 13. The District will not consider PV systems engineered so as to predict a production value in excess of 100% of historical or projected site consumption. (Proposers will be given access to data regarding historical consumption as further detailed in the Cost Proposal section herein, Section 4, 2.).
- 14. The District will not consider designs that obstruct or any way impede the visibility of school security cameras. The Proposer must agree to work with District staff and the District's security consultant to assure that security camera orientation is not blocked or obstructed in any way, with security being of paramount importance in the event of a conflict.
- 15. The District would like to see a discussion about whether/how the District might benefit from the addition of an energy storage system and, if it would, whether the proposed PV system is compatible with available energy storage systems currently on the market.

SECTION 2: PROCESS

I. <u>RFP Responses</u>

The "RFP Response" shall consist of:

- One signed original Proposal ("**Proposal**" as more fully defined in <u>Section 4: Preparation of</u> <u>RFP Response</u>) and one sealed pricing and performance form ("**Cost Proposal**" as this term is defined in <u>Section 4: Preparation of RFP Response</u>); and
- Five (5) copies of the Proposal and Cost Proposal for Committee review.

RFP Responses must be submitted in writing and signed by an authorized officer of the Proposer. Each Proposer must provide sufficient information to enable the District to understand the overall Proposal, materials, and services to be provided. The District reserves the right to reject a response and to give it no further consideration. The District also reserves the right to request clarification and/or additional information from any Proposer. RFP Responses are due at the Perris Union High School District office, located at 155 E. 4th Street, Perris, CA 92570, by 2:00 p.m. on January 26, 2016. A response submitted after this date and time will not be accepted, and a response that is incomplete or does not conform to the requirements of this RFP may not be considered.

The RFP will be posted and available for download through a link posted on the District's website on December 16, 2015. A hard copy of the RFP will also be available at the District office in the Facilities Department.

RFP Responses should be directed to:

Hector Gonzalez Director of Facilities Perris Union High School District 155 E. 4th Street, Perris, CA 92570 Office: (951) 943-6369 ext. 80274 Email: hector.gonzalez@puhsd.org

II. Mandatory Site Walk

A mandatory pre-submittal conference and site walk will be convened on January 5, 2016 at 8:00 a.m. at the District office located at 155 E 4th Street, Perris, CA 92570.

III. Milestones

| Site Walk | January 5, 2016 at 8:00 a.m. |
|---|---------------------------------|
| Proposal Due Date | January 26, 2016 (by 2:00 p.m.) |
| Selection Interviews | February 10, 2016 |
| Selection of Solar Company for Negotiation of Contract | February 11, 2016 |
| Board Approval of Contract | March 16, 2016 |
| Start Construction | April 2016 |
| End Construction | December 2016 |

The District reserves the right to interview any or all Proposers, or to ask for additional information or clarification. The District reserves the right, at its sole discretion, to accept a response that does not satisfy all requirements but which, in the District's sole judgment, sufficiently demonstrates the ability to produce, deliver, design, permit, and install grid-connected PV projects and to satisfy the major requirements set forth in this RFP.

IV. District's Selection Committee

A team of individuals will evaluate all qualifying RFP Responses. The evaluation of each RFP response will be based on technical criteria and qualifications listed in this RFP, reference checks, and other information that will be independently gathered. Based on its review of the RFP Responses, certain Proposers will be invited to appear for an interview/presentation.

V. <u>Selection Criteria</u>

The District has designated the following items as selection criteria for the successful Proposer. Each item will be reviewed by the Selection Committee.

- 1. **Proposal Completeness**. The degree to which the Proposer has included all of the information requested in this RFP in a clear and concise manner
- 2. Proposer's Financial Strength and Stability. Information indicating the Proposer's financial strength in terms of capital and liquid assets and lines of credit sufficient to successfully complete the project described in this RFP and the stability of the Proposer in terms of number of years in existence, professional capabilities and relevant photovoltaic systems construction experience.
- **3. Proposed Design/Project Engineering Analysis**. Information provided by the Proposer detailing the predicted kWh generated by the proposed PV systems in this RFP. Includes a description and explanation of necessary assumptions (for example, site-specific solar resource, down time due to scheduled maintenance and system failures, inverter efficiencies and losses including system soiling and shading losses, net metering details, etc.). Any PV modules and inverters must be listed on the GoSolarCalifornia website. It is required that recognized system performance tools and models be used as the basis of the predicted kWh. Qualifying tools and models include, PVwatts, System Advisor Model, PVsysts. This criteria includes creative and innovative solutions and aesthetically pleasing designs.
- **4. Proposer's Experience**. Actual experience in PV systems, in which the Proposer explains how many comparable projects it has completed, the system sizes (kW peak), how many DSA-approved projects on school sites, and commentary on references.
- **5. Project Schedule.** The degree to which the Proposer has the resources and capability to realistically meet Project deadlines.
- 6. Pricing/Projected Savings to the District/Customer Service. Based on the variables, what pricing (including escalator, if any) is proposed. Realistic projected savings for the District over the next 20 years specifying the most advantageous, applicable SCE rate schedule. Includes a plan for the Proposer to provide general training to District staff and respond quickly to facilities team concerns about PV system operations.
- 7. **Proposed Education and Value Added Options.** The degree to which the Proposer has a plan to integrate the Project into school curriculum and create a solar power learning experiences for students and staff.

Weight will be given to these factors as follows:

| Firm Experience | 30% |
|---|-----|
| Pricing/Projected Savings to the District | 20% |

| Firm Financial Strength and Stability | 15% |
|--|------|
| Proposed Design/Project Engineering Analysis | 10% |
| Project Schedule | 10% |
| Proposed Education and Value Added Options | 10% |
| Proposal Completeness | |
| | 100% |

SECTION 3: PPA PROJECT REQUIREMENTS

I. <u>Completion Date</u>

Time is of the essence on the installation of the PV systems. Proposers should attempt to complete the PPA installation during summer or non-school hours of operation, but if necessary may coordinate with the District to complete installation during school hours of operation. Proposer should include a realistic project schedule embodying the above guidance.

II. <u>Scope of PPA Services</u>

District anticipates professional services to be provided by the selected firm, to include the following:

A. <u>Energy Need Assessment</u>. Thorough review of sites and assessment of energy needs.

B. <u>Design</u>. Set of (a) one-line electrical schematic and (b) high-level layout drawings (depicting location of PV modules and inverters).

C. <u>Regulatory Approval Process</u>. All plans and specifications which will meet the approval of DSA, State/County Fire, cities/municipalities, and/or any other agency having jurisdiction over project. The scope of services shall include addressing, with regard to each Project Site, to what extent the Proposer can assist the District with open DSA project A#'s that have prevented prior project closeout and certification by DSA. The District requires that this Project obtain DSA closeout and certification.

D. <u>Interconnection with local utility</u>. All required documentation and interface with utility officials for connecting the system with the local utility.

E. <u>Operations and Maintenance</u>. Proposer to operate and maintain the system through the life of the PPA. Proposer to be responsible for security and repair of the System, including graffiti, vandalism, wind, rain, hail, flood, dust and damage due to animals such as rodents and birds. Proposer to provide a maintenance schedule stipulating duties such as visual inspection and electrical monitoring: cleaning of soil, leaves and bird droppings; repair of animal damage.

III. Codes and Standards

All products, components, construction, and installations must comply with applicable codes, standards, and rating methodologies, including but not necessarily limited to the following:

- All equipment provided, where applicable (e.g., PV modules, inverters and meters), must meet the equipment certification and eligibility requirements of any California Energy Commission rebate program; and must be installed according to the manufacturer's installation instructions.
- If PV modules using hazardous materials are to be provided by the Proposer, then the environmental impact of the hazardous material usage must be discussed, including any special maintenance requirements and proper disposal/recycling of the modules at the end of their useful life. Modules containing hazardous materials must comply with the EPA Landfill Disposal Requirements. Any additional costs and/or District responsibilities related to PV modules containing hazardous materials must be clearly identified.
- UL or other NRTL certification.
- National Electrical Code 2014. Title 24 of the California Code of Regulations.
- All outdoor enclosures should be at minimum rated NEMA 3R or better.
- All applicable Occupational Health and Safety Administration ("OSHA") directives.
- All supervisory personnel will be certified to applicable OSHA 30 and to NEPA 70 training.
- Local utility's applicable interconnection requirements.
- All system components and design and construction work must comply with the requirements of the DSA and the California Department of Education.
- All system components and equipment provided must be compatible with the applicable site's security system and not impede performance thereof.

SECTION 4: PREPARATION OF RFP RESPONSE (PPA PROPOSAL & COST PROPOSAL)

I. <u>PPA Proposal</u>. Proposers are encouraged to be as brief and concise as possible, avoiding standardized or boilerplate information. In order to maintain uniformity, the District requests Proposals include the following:

Part I. General

- <u>Cover letter/Letter of Transmittal</u>. Include a transmittal letter signed by a party authorized to sign binding agreements for the Project clearly indicating that the Proposer has carefully read all the provisions in the RFP.
- <u>Executive Summary</u> (two page maximum).

Part II. Qualifications

• <u>Company Information</u>

a. Entity type (limited liability company, corporation, general partnership, sole proprietor); years in existence, number of employees.

b. Construction and professional engineering licenses held by your company or its full time employees or contractors who have provided professional services on past, comparable projects and are available to work on the Project.

c. Financial performance. If public, provide a website link to your audited annual investment reports. If private, attach audited financial statements for the past two (2) years.

d. Legal.

1. Has your firm or any of its officers, directors, partners, members or shareholders been a defendant in a lawsuit or arbitration involving any equipment your firm has installed? If so, please include a summary of the issues and the status of any lawsuit (include case number and court location information) or arbitration.

2. Has your firm been a defendant in a lawsuit or arbitration alleging fraud or misrepresentation? If so, please include a summary of the issues and the status of any lawsuit (include case number and court location) or arbitration.

3. Has your firm or any subsidiary or parent thereof, filed for bankruptcy (involuntarily or voluntarily)? If so, please provide the case number and district court information.

4. Has your firm ever been the subject of a criminal or civil investigation brought by any federal, state or local investigative or prosecutorial agency?

e. Project Team. Describe the specific, relevant experience of all identified key personnel who will work on the Project described in this RFP.

f. Insurance and Bonding. Submit a certificate of insurance with your firm's proposal. Additionally, please provide the following information on the insurance your firm carries:

- Commercial General Liability Limits (per occurrence and aggregate)
- Workers Compensation Insurance
- Commercial Automobile Liability Limits (per occurrence and aggregate)
- Professional Liability Limits (per occurrence and aggregate)
- Employer's Liability Limits (per occurrence and aggregate)
- Employment Practices Liability Limits (per occurrence and aggregate)
- PPA System Equipment insured for damage during installation. Builders' Risk Limits adequate to cover cost of replacement.
- What is your firm's bonding capacity?

All of Proposer's insurance shall be with insurance companies with an A.M. Best rating of no less than A:XI.

g. Certification of nondiscrimination. Each proposer must certify that it does not discriminate in its employment with regard to race, color, religion, sex, or national origin; that it is in compliance with all Federal, State, and local directives and executive orders regarding nondiscrimination in employment; and that it agrees to demonstrate positively and aggressively the principle of equal opportunity in employment.

h. If your company has a form PPA and accompanying documents it uses, please attach copies. If not, the District will provide its own form PPA and Easement/License Agreement.

Part III. Solar Project Experience

- A list of similar solar projects which the Proposer completed within the last five (5) years. The Proposer must have completed a minimum of three (3) school district or public agency PV projects. Describe all the currently operating nonresidential grid-connected PV systems that your company installed and operates in California within the past five (5) years. For each, please provide the following information:
 - a. Project description

b. Total installed System size (kWp); where System kWp is the sum total of the PV module kWp ratings.

c. Customer/owner name with contact person's name, email, address, phone number and authorization for the District to contact such customer and communicate regarding their experience with your company and their PV project.

- d. Location: street address or GPS co-ordinates
- e. Indicate the type of system per the following categories:
 - o Ground-based
 - fixed
 - tracking
 - Carport/Shade Structure
 - fixed
 - tracking

f. Indicate if the customer/owner was a California public school district, community college district, or community college. If so, describe your experience with the DSA in gaining the necessary DSA approvals and certifications and how open DSA project A#'s from prior unclosed and uncertified DSA projects were resolved and/or are still in progress.

Part IV. Proposed Solar PV Systems and Construction Schedule

System

- Provide a detailed description of the PPA system proposed for the Project Site, including preliminary site plan.
- Indicate the specific location, dimensions, and "footprint" of the proposed system; using GPS co-ordinates or similar means of description.
- Indicate system size in both kWp (dc) and kW (ac) terms, based on applicable California Energy Commission conventions.
- What are the key design and construction features of the system to optimize performance and aesthetics on the site?
- Are any of the products or mounting strategies unique or proprietary to the Proposer?
- Describe any identified issues or challenges and how you intend to address and/or resolve them. Attention should be paid to environmental impacts and climatic concerns common to the geographic region within which the Project Site is located. Attention should be paid

to issues or challenges you encountered with the DSA including, but not limited to, how prior unclosed and uncertified project issues were resolved.

PV Modules

- Number of PV modules for the PPA
- PV module manufacturer and model number
- Provide manufacturing data sheets for the proposed PV modules
- Indicate the STC and PTC ratings for the proposed PV modules

Inverters

- Number and rating (kW)
- Inverter manufacturer, model numbers and CEC efficiency (in %)
- Provide manufacturing data sheets for the proposed inverters

Design

- Provide an artist's drawing, sample photo, or other visual material that will allow the District to discern the aesthetic features of the proposed design.
- Are the proposed structures "pre-approved" by DSA?

Project Implementation Schedule

- Submit an implementation schedule for the proposed system indicating expected milestones and timing.
 - Schedule shall minimally indicate the following milestones:
 - Program Design
 - DSA Submission
 - DSA Approved Drawings
 - Commencement of construction
 - Substantial Completion
 - Project Performance Certification and Close-out
 - District meeting(s) and communication schedule

Part V. Educational Component

Please provide a narrative description of how your firm will work with the District to integrate the District's solar power project into the District's educational program. This narrative should address learning opportunities for middle school and high school students as well as students in adult education programs; describe strategies for integrating the solar power project into a new or existing classes; and outline how your firm has worked with other school districts to make a solar power project a meaningful learning experience.

Please describe how your firm will work with the District to provide the following:

- Training in
 - Understanding how Photovoltaic technology works
 - Understanding utility billing and rate schedules
 - Reading monthly invoices from the Proposer
 - o Incorporating Photovoltaic technology into the curriculum

- Using any curriculum to be provided by the Proposer
- Providing Career Technical Education and/or vocational education internship to promote student participation.
- Professional development for the District's certificated staff
- Allow District staff and students real time access to relevant project output data via a web-browser so that they may incorporate results into course curriculum as well as place it on public display.

II. Cost Proposal

Part I. Performance

System Performance

- Expected yearly and total cumulative kWh output over 20 years
- Expected annual performance degradation over 20 years (expressed as % degradation per year)
- Identify the tools and models used to predict the kWh production; describe and discuss all relevant modeling assumptions such as losses, efficiencies, soiling and shading

Part II. Cost and District Savings

Cost per unit of predicted output (\$/kWh) using the most advantageous utility rate schedules as well as all underlying assumptions

- over 15 years
- over 20 years

Chart of the District's projected savings annually under the proposed PPA.

- Include a comparison between (1) District's annual energy costs now (to be provided by the District) and projected/predicted annual percentage increase in energy costs over the next 20 years and (2) District's annual energy costs after installation of the PPA systems, including the proposed annual percentage increase and taking into account the amount of energy the District will still have to purchase from the local utility due to predicted shortfalls in production, planned maintenance and unplanned system outages.
 - To facilitate the required comparison, the District, through its representative, Hector Gonzalez, will provide authorization for the Proposer to obtain from Southern California Edison ("SCE") one year of billing statements reflecting District energy usage from the October 2014 billing cycle through the October 2015 billing cycle.
- Include a discussion of any predicted demand charge reductions and any guarantees associated with demand charge reductions.

Contact Between Firm and District

Questions regarding the contents of the RFP shall be in the form of a Request For Information and shall be submitted via email no later than January 15, 2016 at 3 pm. No responses will be provided to Requests For Information submitted after January 15, 2016 at 3 pm.

Submit Requests For Information to:

Hector Gonzalez Director of Facilities Perris Union High School District 155 E. 4th Street, Perris, CA 92570 Office: (951) 943-6369 ext. 80274 Email: hector.gonzalez@puhsd.org.

All responses to questions will be emailed to all Proposers that have provided email contact addresses to the District in their RFP Response.

All materials submitted (except those clearly designated as proprietary information) become the property of the District and will be returned only at the District's discretion.

RFPs submitted become the property of the District and may be reviewed and evaluated by any persons at the discretion of the District.

Proposers shall not directly contact any of the members of the Board of Trustees regarding this Project.

Confidential Information

It is understood that proposals made in response to the RFP may contain technical, financial, or other data where public disclosure may cause substantial injury to the Proposer's competitive position or that would constitute a trade secret. To protect this data from disclosure, please clearly identify the pages that contain such information. The District assumes no responsibility for disclosure or use of unmarked data.

Appendix

A. Site Aerial Photographs

Appendix A - Maps

















