Project Name
Elsie Allen HS and Maria Carillo HS - Santa Rosa CA – Solar Remove and Re-install (Public Works)

Project Scope
Elsie Allen HS - 350 kwp Roof Top partial PV Removal and Re-installation (Buidings A2,B3,B7 only)
Maria Carillo HS – 270 kwp Roof Top partial PV Removal and Re-installation (Buiding B7 only)

Project Duration: – Six (6) week project – 2.5 weeks to remove, 3.5 weeks to re-install, working concourrently at both high schools.

To: Longroad Energy Management, LLC, a Delaware limited liability company
Attention: Tara Dhimitri - *Director — Commercial Asset Management*
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Construction Services

Phase 1: Uninstall Existing Roof Tilt PV Array

Summary of Work:

1. Uninstall existing PV Arrays from Buildings A2, B3, B7 only at Elsie Allen High School– approximately 564 modules.
2. Uninstall existing PV Array from Building B7 only at Maria Carillo High School – approximately 48 modules.
3. Uninstall necessary electrical Balance of Systems (eBOS, electrical equipment mounted on the roof).
4. All existing material, modules and eBOS, to be secured on the ground during re-roofing phase.
5. Coordinate all work with roofers performing concurrent work on site.

Inclusions:

1. De-commissioning assessment of all arrays performed to verify proper VOC and IMP, provide report.
2. Provide safety measure for rooftop work including appropriate fall protection.
3. Installation and removal of temporary roofing protection during the construction activities.
4. Provide temporary means of access and egress that is separate from the building roof hatch.
5. Includes all temporary facilities for the construction including, but not limited to, temporary toilets, signage, supervisory staffing, coordination with facility manager and roofers.
6. Contractor loading and unloading existing material from and to the rooftop

Exclusions:

1. Does not include removal of any eBOS not on the roof, e.g. conduit on exterior wall, tie-in gear, etc.
2. Replacement of any PV Array or eBOS found to be damaged not covered by existing product warranty or existing Operation and Maintenance Agreement by owner.
3. Engineering: Perform structural qualification and engineered roof loading plan and/or guideline.
4. Obtain building permit (if required) for removal and re-installation. Owner to provide all necessary drawings.

Phase 2: Re-Install Roof Tilt PV Array

Summary of Work:

1. Install PV Array on Buildings A2,B3,B7 only at Elsie Allen HS per issue for record drawing set.
2. Install PV Array on Buildings B7 only at Maria Carillo HS per issue for record drawing set.
3. Commission systems (all arrays at both High Schools) by testing for and verifying proper operation.

Inclusions:

1. Site Prep: Provide utilization and roof staging plan based on engineering structural qualification plan and/or guideline.
2. Assemble modules into operating voltages and string assemblies per record drawing set.
3. Install and manage array wiring detail per record drawing set.
4. Install combiner boxes per record drawing set.
5. Provide safety measure for rooftop work including appropriate fall protection.
6. Installation and removal of temporary roofing protection during the construction activities.
7. Raise post driven standoffs on Buildings B3 and B7 (only) at Elsie Allen High School 4 inches by method of carbon steel pipe shoe
8. Provide temporary means of access and egress that is separate from the building roof hatch.
9. Includes all temporary facilities for the construction including, but not limited to, temporary toilets, dumpsters, signage, supervisory staffing, coordination with facility manager and Target roofers.
10. Provide scheduling and management of labor on site.
11. Fencing intended specifically for the protection of solar equipment.
12. Commission system by testing and verifying proper, VOC and IMP, provide report.

Exclusions:

1. Engineering: Perform structural qualification and engineered roof loading plan and/or guideline.
2. Engineering: system building code upgrade cost required by JHA
3. Furnishing of inverter system or modules.
4. Furnishing new tie-in electrical equipment.
5. Will not raise ballasted post on sleepers, all Buildings.

6. Will not raise post sleeper anchored or otherwise where not needed to clear new roofing deck by ½ at either school.
7. Painting conduit or equipment.
8. Costs associated with roof structural reinforcement/flashing/weather proofing
9. Additional and new PV Array roof anchors
10. Changes due to unforeseen work performed by others
11. Shade structures
12. On-site security personnel.
13. Required replacement of DC cables.

Site Services: Duration of approximately two (2) months starting on commencement date (for solar contractor use only)

-(1) Crane operator (2 days only)
-(1) Gradall
-(1) Forklift
-(2) Lockable Containers
-(1) Temp toilet and wash
-(2) H20 and First Aid
-(4) Fire Extinguisher
-(TBD) fencing
-(qty. TBD) 4'x8'x½" plywood sheet and pallets

Labor- $217,510

Equipment and Site Services- $28,300

Raw Material - $23,300

Permitting- n/a

Grand Total: $269,110

CHANGES, CLAIMS AND DELAYS
Contractor shall be entitled to make changes in the Work. Subcontractor hereby agrees that any and all changes to the Work, which result in extra cost or time shall be made at a reasonable addition or reduction in the Subcontract Price or by an extension of time. No adjustments in the Subcontract Price or time shall be made unless ordered and approved in writing by Contractor.

WARRANTIES
Subcontractor warrants that the Work shall be of good quality and free from faults and defects and will be installed without defect in workmanship. Subcontractor further agrees to execute and transfer to Contractor and/or Owner all special warranties

provided by and/or required of its subcontractors and suppliers by the Contract Documents or manufacturers' warranties prior to final payment.

Payment terms:
20% mobilization/decommissioning (first week)
40% upon removal of phase
40% upon re-install/city final

Remit payment to First Republic Bank, Routing: 321081669 Account: 80000119124
Billing Office: 1107 Wellington, Oakland, CA 94602

Verdant Energy Electric, LLC

Print Name and title:

x_____

Signature and date: ***x***_____

Customer

Print Name and title:

x_____

Signature and date: ***x***_____