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ENERGY EDUCATION
ENERGY RESEARCH & DEVELOPMENT
ENERGY TRAINING
ENERGY CONSULTANCY

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that, M/s. **“Solex Energy Limited”** has participated in the ‘Vendor Rating Framework (VRF)’ pilot evaluation conducted by the ‘Gujarat Energy Research and Management Institute (GERMI)’ during October-November 2020. The ‘Vendor Rating Framework’ is prepared by USAID PACE-D 2.0 RE program, along with the Confederation of Indian Industries (CII). This framework will be a benchmarking tool to assess the quality and safety of solar rooftop PV installations by solar rooftop PV vendors across India.

During the pilot evaluation, the GERMI team inspected five solar PV projects (commercial and/or non-commercial) constructed by your organization. The overall rating for M/s. **“Solex Energy Limited”** is 69.9 [46.9 marks - site inspection checklist (out of 70) plus 23 marks - technical & financial evaluation (out of 30)] out of 100. The average rating of the pilot test across 10 vendors is 61.49 out of 100. The average rating for the site inspection checklist is 46.29 and it is 15.2 for technical & financial evaluation. The observations and insights to site inspection quality aspects are attached (**Attachment-1**).

Best wishes for your future endeavours.

With best regards,

Akhilesh Magal

Attachment -1:



A: Hard to access the site

Overview of site analysis for “Solex Energy Limited”

Solex Energy Limited has scored the seventh rank for this category in the pilot study. Most of the sites were installed recently, which can be the reason for their above-average marks in the section of solar modules, cable management and MMS.

The EPC has scored fairly high in maintaining the quality of its components (modules, MMS and inverters), however can improve its rating by using good installation practices, coating, maintaining performance data logbook, and using accessible & safe structures.

Areas of High Performance

Design parameters such as tilt and orientation had been optimized perfectly for all the sites, but non-SS nuts & bolts were used to fasten the modules in three sites.

Surprisingly, **Solex Energy Limited** was the *only EPC* to provide STAAD Pro certificate under the whole study of the pilot, which can be represented as a major strength of this EPC. All DC and AC cables were neatly organized and routed till the inverter by using relevant conduits or PVC pipes at every site (see figure B for conduits). But the drawback observed was the unavailability of the cable identification/name tags, which would make the rectification of the faults relatively cumbersome for the technician.

This EPC has scored full marks in the protection and inverters section for adopting excellent safety measures on the sites. All sites were found with proper earthing and other electrical safety measures.

Finally, a very important O&M manual documentation was provided to the



B: cables in conduits and neatly routed

Site inspection photos for Solex Energy Limited