

Amendment No-2

Tender no:- PGVCL/DSM/Ag. Solarisation/2017/03 dt 22-09-2017

Following amendment is issued in the Tender for Supply, Installation, Testing and Commissioning of Distributed Grid connected Solar PV plants of 5KW to 10 KW with a cumulative capacity up to 2.5 MW, with its Remote Metering System, for Solarization of existing 296 no. of Agriculture pump sets Connections, with CMC of 5 years, on 11 KV Khirasara Ag. & 11 KV Kadabal Ag. feeders of Jamjodhpur Division under Jamnagar Circle of PGVCL.

Sr. No.	Vol No.	Clause & Page No.	Tender Specification	Amendment
1.	Vol-II	2.2.4, Pg. 7/23	Capacity of single unit of inverter shall be min. 3 kW. This plant shall be divided into 40-50 identical Solar PV arrays "sections", wherein the capacity of each section varies depending upon supplier's product capacity.	Capacity of single unit of inverter shall as per below <ul style="list-style-type: none"> • minimum 5 KW for 5 KWp PV plant • minimum 6 KW for 6 KWp PV plant • minimum 6.5 KW for 6.5 KWp PV plant • minimum 7 KW for 7 KWp PV plant • minimum 7.5 KW for 7.5 KWp PV plant • minimum 10 KW for 10 KWp PV plant
2.	Vol-II	2.2.4, Pg. 7/23	No. of inverters to be supplied shall be worked out by Supplier based on DC rating of inverter, Pnom ratio (Pnominal array / Pnominal inverter \leq 1.1) and limit on overloading capacity (i.e. overload losses \leq 0.2%)	No. of inverters to be supplied shall be one for each plant of respective capacity as mentioned in above amendment
3.	Vol-II	2.2.39. b), Pg. 10/23	b) In the case of inverters connected on different phases in the plant shall be capable of communicating with other and in the event of the fault even on a single phase all the inverters must be disconnected from the grid.	Only One inverter shall be used per plant. All inverters must be three phase only. No single phase inverters shall be used in the project.
4.	Vol-II	2.3, Pg. 10/23	Nominal AC 230/415 Output Voltage Volts AC	Nominal AC output Voltage shall be 415Volts, 3 Phase AC
5.	Vol-II	2.10, Pg. 17/23	The earthing shall be maintenance free earthing & shall be done through 3 meter long stainless steel earthing rode for complete system and copper earthing rode for PCU electronic earthing, if necessary.	The earthing shall be maintenance free earthing & shall be done through 1.5 meter long GI earthing rod for complete system and PCU. Total 3 no of earthing pits are required <ul style="list-style-type: none"> • Module, Structure, and equipment body earthing, Inverter Earth-pit:-1 No.(Min.) • LA Earth pits :-2 Nos. (Min.)

6.	Vol-II	2.10, Pg. 17/23	The earthing for inverter & PCU shall be provided separately considering safety codes and applicable standards.	PCU/ Inverter and other equipment body earthing shall be connected separately from LA earthing.
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