

## Annexure-VII

### 5MW Grid Interactive Solar PV Power Project, Monarchak

#### Pre Bid Queries of prospective bidder and Clarifications/ Replies of NEEPCO

Sl.No	File	Area	Twincity Sunlife's Query	NEEPCO's Reply
1	Civil Specification	Be readily replaceable if damaged during the design life	How can a control room building be readily replaceable?	To be read as readily repairable
2	Civil Specification	Proper levelling of site	Type of Levelling & Area to be levelled	As per specification
3	Civil Specification	RCC paving shall be given in other areas, where easy	Which areas	
4	Details specification II	Type of transmission line (panther or dog type ) and pole specification and what is the exact length of transmission line	Please specify	<ul style="list-style-type: none"> <li>• Conductor shall be 'Dog'</li> <li>• Steel Tubular pole</li> <li>• 1km (Approx) length of 33kV Line</li> </ul>
5	Details specification II	Is it mandatory use 500kW Inverters	We prefer to use some other Wattage unit	Refer minutes of pre-bid meeting dtd. 20-12-12
6	Details specification II	Size of Auxiliary system to be designed at 48Vdc	Size of auxiliary system to be designed at 48Vdc	For auxiliary AC system Refer minutes of pre-bid meeting dtd. 20-12-12
7	Details specification II	Cost of evacuation to 6km substance is in contractor's scope?	Do we have to quote for this too?	For auxiliary DC system, Refer specification. Construction of 6km 33kV line is not required. (Refer minutes of pre-bid meeting dtd. 20-12-12)
8	Details specification II	Solar Photovoltaic Modules should be 300Wp (min)	Can we use other modules ?	Refer minutes of pre-bid meeting dtd. 20-12-12
9	Details specification II	SMU	Any limitation about sizing of SMU as 16:1 and 12:1 as shown in diagram	Refer minutes of pre-bid meeting dtd. 20-12-12
10	Details specification IX	Need satellite link	Or any Internet broadband connection is fine?	As per specification

11	Details specification IX	Metering of all parameters	Can we have list of parameters?	As per specification
12	Details specification IX	Data control system (DCS) to log data in real time data as well as event logs indicating all the supervisory faults also (Only Fault)	Real time at what frequency ? or, Pre-configurable frequency? Event log- Event is only failure?	As per specification
13	Details specification IX	For web based data logging	NEEPCO's portal to be used or a separate portal to be created ?	As per specification
14	Details specification IX		Is a disaster recovery site required	As per specification
15	Details specification IX	The data file should be latest version and compatible.	Compatible to what?	To be finalised during detailed engineering.
16	Details specification IX	SCADA	Or can it be any other system which does the same job?	As per specification
17	Details specification VII	The Annunciation system shall have communication facility to the SCADA system through LAN	Right?	noted
18	Details specification VII	Features to be provided in Numerical Relays	What is numerical relay?	As per specification
19	Details specification VII	Energy Meters	Energy Meters to be provided from our end or from state electricity board.	Under Bidder scope
20	Details specification XI	Spelling Pepiphery is Periphery	Spelling	Noted
21	Details specification XI	Battery Discharge	Do we have to do Forced discharge of batteries ?	As per Specification.
22	Details specification XII	DC supply to vary- 10% to	Meaning beyond this stage it has to be	Noted

		+10%	switched off ?	
23	Details specification XII	Panels to be dust & vermin free	Or dust, rodent and vermin free?	Refer minutes of pre-bid meeting dtd. 20-12-12
24	SCADA Specificatios		Any specification available?	As per Specification.
25	SDL Final	NGR,ASS,EDO,NGR,SST,AS,CL	Abbreviation	Refer revised SLD