

**REPLY TO BIDDER'S PRE BID QUERIES**  
**Supply, Installation, Testing and Commissioning of 1.5 KWP Off-grid solar photovoltaic power plant at steel pipeline's sectionalizing valve stations along with CAMC**  
**TENDER NO: IGL/ET2/CP/CC17655**

S.NO	Section No./Clause No./Page No.	Tender Clause	Bidder's Query	IGL Reply
1	Section I / Clause 3.0/ Page 6 of 102 Duration of Contract	The duration of contract shall be 4 years and 6 months considering first 18 months of supply, installation, and commissioning from the date of issuance of 1st intimation of award.	Bidder understand the contract duration also includes 2 years CAMC.	*Bidder understanding is correct.Tender Condition Prevails.
2	Section I / Clause 12.1/ Page 10 of 102 General	Purchaser (IGL) reserves the right to increase or decrease the scope of work of bidders before or after award of work	Bidder understand the variation in rates of SOR will be applicable accordingly.	Pls refer Clause 15.4 of ITB on Page 20. Tender Condition Prevails.
3	Section V / Clause 1.0/ Page 64 of 102 Mode of Use	The system is proposed to be used 24X7. Load has to be catered from battery and battery should be able to deliver the load continuously.	Bidder request to please provide the required load in Watts for desining the system.	*Please refer to the Purpose and scope under Section-V. The system has already designed for 1.5 KWP Off-grid solar photovoltaic power plant at steel pipeline's sectionalizing valve stations. The anticipated load is expected to fluctuate during the day, ranging from approximately 100 watts to 200 watts tentatively. It's important to note that these values are indicative and subject to variations
4	Section V / Clause 1.0/ Page 64 of 102 Mode of Use	The system is proposed to be used 24X7. Load has to be catered from battery and battery should be able to deliver the load continuously.	Bidder understand for 24X7 uses, the battery bank may be increased.	*Tender condition prevails

5	Section V / Clause 5/ Page 66 of 102 Battery bank and its cabinet/Panel	Vendor shall supply two nos. of compact maintenance free Tubular solar batteries with nominal voltage of 24V and battery capacity of minimum 100Ah each. Battery should conform to the latest BIS/ International standards	Bidder understand the single battery of 100Ah will be of 12V DC and system voltage will be 24V DC.	Please refer Section V/ Clause 5.1 "Vendor shall supply two nos. of compact maintenance free Tubular solar batteries with nominal voltage of 24V and battery capacity of minimum 100Ah each." In adherence to the aforementioned clause, our primary requirement is the storage of a total of 4800 watt-hours of power in batteries to meet our load demands. Vendors have the flexibility to achieve this by either utilizing two batteries of 100Ah and 24 volts connected in parallel or by employing alternative configurations, such as two batteries of 200Ah and 12 volts connected in series  *Tender condition prevails
6	Section IV/ Page 78 of 102 Schedule of Rates (SOR)	Comprehensive AMC of entire SPV plant unit system along with earth pit maintenance - 1st year post warranty as per Scope	Bidder understand the warranty is This warranty at least twelve (12) months from the date of successful commissioning of individual equipment or Eighteen (18) Months after the date of last shipment whichever is earlier.	Please refer Section I/ Clause 3.0 "Comprehensive Maintenance service shall start after defect liability/warranty period of each lot of material till the completion of contract period." For example, if there is a lot size of 40 solar panels, then the comprehensive AMC will start after the warranty period of all 40 solar panels has been completed.  *Tender conditions prevails
7	Section V / Clause 14/ Page 68 of 102 cabling	All cables glands shall be of nickel-plated brass, Double compression type, & WP to IP 65 as per IEC 60529 / IS 2147 and they shall be double compression type suitable for armored cables	Bidder under stand for unarmoured cables size of 4,6 & 10Sq.mm. shall be use IP 65 PVC gland.	Please refer Section V/ Clause 14 "Cable gland shall be provided for all the above mentioned cables. All cables glands shall be of nickel-plated brass, Double compression type, & WP to IP 65 as per IEC 60529 / IS 2147 and they shall be double compression type suitable for armored cables"  It is clarified that only armored cables with double compression-type glands are to be used in the complete solar photovoltaic system.  *Tender Condition prevails