



Department of Electrical Engineering
DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daultapur, Bawana Road, Delhi-110042.

F. No. DTU/EED/SERB Project/3902/2023/102

Dated: 04.09.2024

NOTICE INVITING QUOTATION

Sealed quotations are invited for the supply, installation testing and commissioning of 5 kW PV system (complete setup) on rooftop of UEE Lab in Department of Electrical Engineering. The sealed quotations on company's letter head including GSTIN No. with **F. No. DTU/EED/SERB Project/3902/2023/102**, should reach to the office of the Head, Department of Electrical Engineering, Delhi Technological University, Main Bawana Road, Shahbad Daultapur, Delhi-110042 latest by **17.09.2024, 5 PM**.

S. No.	Item Description		Qty
1.	Photovoltaic Modules 545 W _p (minimum) * 10 Nos.	Parameters	Details
		Peak power. P _{max}	545 W _p
		Maximum voltage.	41.94 V
		V _{mpp}	
		Maximum Current. I _{mpp}	13.01 A
		Open Circuit Voltage.	49.07 V
		V _{oc}	
		Short Circuit Current. I _{sc}	13.92 A
Module Efficiency	>21 %		
2.	Grid Tied Inverter with WIFI Enabled Data Logger -Three Phase (Grid Tied with MPPT Charge Controller)	Parameters	Details
		Maximum PV input voltage:	1100V
		Nominal input voltage:	600V
		MPP voltage range:	160-1000V
		Number of independent MPP strings:	2
		Max number of PV strings per MPPT:	1
		Max PV input current:	25A (12.5A/12.5A)
		AC output power:	5000VA
		Max AC output current:	8.3A
		Max efficiency:	98.4%
		Operating temperature:	-25 to +60°C
Mounting	Wall		
3	Structure for Modules at Rooftop	As per site requirements fulfilling the standard parameters	
4	AJB & ACDB	As per requirements in consultation with PI. The customization maybe considered if any	
5	Cable & Wire	As per site requirement	
6	Earthing system (Pipe), lighting Arrestor	As per IS Standard	
7	Installation	As per site requirement	
8	Comprehensive warranty	3 Years	

04-09-24
Department of Electrical Engineering

Copy to:

1. Sr. Account Officer
2. HOD (CC) to upload on DTU website
3. Notice board, EED.