

Community Health Centre, Tholur

Parappur PO, Thrissur , PIN - 680552

Phone : 0487 – 2285746

E-mail : bphctholur@gmail.com

E-Tender Notice

Installation and Commissioning of 10KW ongrid Solar Power Plant in CHC Tholur

E-Tenders are invited for the work of Installation and commissioning of 10 KW ongrid Solar Power Plant in CHC Tholur office from ANERT empanelled Agencies. Last date of Receipt of Tender is 03.03.2023. The Solar Power plant must have 5 year Warranty and the solar Panels must have 25 year Performance Warranty.

Project No- SO129/23

Name of Project : Installation and Commissioning of 10 KW ongrid Solar Power Plant in CHC
Tholur

Cost of Tender Form – 1470+18% GST

EMD : 18375

Last Date of Receipt of Tender : 03/03/2023 – 5 PM

Estimate Rate (including GST) Amount Rs – 735000/-

SPECIFICATION OF 10KW SOLAR POWER PLANT **(HYBRID)**

Sl.No	System Component	Capacity/rating	Minimum Technical Compliance
1	Solar Panel System(Roofing Structure Galvanized steel)	10KW	IEC 61215/IS14286
2	OnGrid Solar Inverter	10 KW	IEC 61683/IS 61683 (Efficiency 95% and above) IEC 60068-2(1, 2, 14, 30)/Equivalent BIS Std
3	Cables AC/DC	100 m	IEC 60227/IS 694 IEC 60502/IS 1554 (Pt. I & II)
4	Switches/Circuit Breakers/Connectors	As required	IEC60947 Part I, II, III/IS 60947 Part I, II, III EN 50521

5	Junction Boxes/Enclosures for Inverters/Charge Controllers	As required	As per CEA regulations
6	ACDB/DLDB Box	2 Nos Each	As per CEA regulations
7	Electrical Grounding (Earthing)	4 Set (Solar Structure, Lighting arrestor, AC/DC DB)	As per CEA regulations
8	Energy meter for Recording Solar Electricity Generated	1 Nos	As per CEA regulations
9	Lighting Arrestor	1 Set	As per CEA regulations

Parappur
23.02.2023

(Sd/-)
Superintendent
CHC, Tholur