

# Meghalaya State Pollution Control Board

Forests & Environment Department, Government of Meghalaya

'ARDEN' Lumpynggad, Shillong - 793014

Website : <http://megspcb.gov.in>



No. MPCB/AC-230/2024/2023-2024/

Dated Shillong, the..... February, 2024

## SHORT QUOTATION NOTICE

Sealed quotations affixing Court fee stamp or cash receipt Rs. 1000/- (Rupees one thousand) only are hereby invited from the authorised dealers/suppliers for supplying of the following item in the office of the undersigned. The quotations shall be received by the undersigned upto **3.00 P.M. of the 27<sup>th</sup> February, 2024** and will be opened on the same date and time in presence of the quotationers or the authorised representatives, who likes to be present.

Description	Specification	Quantity
Supply, Installation, Testing and Commissioning of roof top 50 KW ON - GRID Solar Photovoltaic Power Plant conforming to Ministry of New and Renewable Energy specifications, consisting of Mono/Poly Crystalline silicon solar cells, net metering facility, necessary protections, earthing, mounted on Aluminium/GI structure of suitable strength in the office of the Meghalaya State Pollution Control Board, "Arden" Lumpynggad, Shillong.	<ul style="list-style-type: none"><li>Solar Photovoltaic Module of capacity 545 Watts peak (Wp) or above, manufactured in India, conforming to IS 14286/IEC 61215, IS/IEC 61730-Part-1, IS/IEC 61730-Part-2. Solar Photovoltaic Module conversion efficiency shall not be less than 16.5%.</li><li>Solar Power Conditioning Unit (PCU) of 50 KW PV power or above, 200-1000 V DC Input voltage range and 50 KW PV power, 400 V AC, three phase, 4 wire, 50Hz +/- 2.5 Hz, output voltage suitable to generate AC Power with efficiency not less than 97%, total harmonic distortion less than 3% and suitable for ambient temperature from 0 to 50 degree C. The PCU shall adjust the voltage and frequency level to suit the Grid Voltage Frequency.</li><li>Data Monitoring System complete with accessories.</li><li>Fixing of Array junction box &amp; Main junction box with IP 65 protection and termination arrangement for incoming and outgoing cable along with glands, lugs and other accessories etc. as required.</li><li>Lightning and surge voltage protection.</li><li>Connections &amp; Interconnections by supplying &amp; fixing required size XLPE insulated copper conductor 1.1 kV grade armoured power and control cables between solar modules, main power cable to grid supply PCU unit along with supplying &amp; fixing of necessary channel/conduit lugs and other accessories etc. as required.</li></ul>	1 (one) Set

Interested vendor can visit the office of the Board at Lumpynggad, Shillong during office hours on all working days upto 12 Noon of the 26<sup>th</sup> February, 2024 for detailed specification or site visit.

### **TERMS & CONDITIONS:-**

1. Only Authorised firms/dealers are entitled to quote.
2. Firm with minimum experience of 5 years and above in the field of Solar Energy is preferable.
3. Firm should executed atleast one similar project and work orders should be enclosed to substantiate the claim.
4. PV modules used in solar power plants/ systems must be warranted for their output peak watt capacity, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years.
5. Technical specification and financial bid should be kept in the same sealed envelope.
6. Successful bidder should complete the work in all respect including commissioning within 30 days
7. The rates must be legibly quoted in English language both in figures and in words. In case of any discrepancy between figures and words, the quotation will be rejected.
8. Rates quoted should be inclusive of GST.
9. The quoted rates shall remain firm and fixed. No price variation claim, on any account would be entertained subsequently under any circumstances.

# Meghalaya State Pollution Control Board

Forests & Environment Department, Government of Meghalaya

'ARDEN' Lumpyngngad, Shillong - 793014

Website : <http://megspcb.gov.in>



10. Every quotationer should furnish their name and full postal address clearly. Any change of address shall be duly notified to the Board in time.
11. Any quotation received after the due date and time of opening of the quotation shall not be considered.
12. The Member Secretary, Meghalaya State Pollution Control Board, Shillong, shall in no way, be responsible for non-receipt of quotation sent by post or by courier service.
13. The Member Secretary, Meghalaya State Pollution Control Board, Shillong, reserves the right to reject any or all quotations without assigning any reason thereof and does not bind himself to accept the lowest rates.

(Dr. G.H. CHYRMANG, MFS)

**MEMBER SECRETARY**

Meghalaya State Pollution Control Board  
Shillong

Dated Shillong, the 6<sup>th</sup> February, 2024

Memo No. MPCB/AC-230/2024/2023-2024/2-A

Copy to:-

1. The Chairman, M.S.P.C.B., Shillong for favour of information.
2. The Sr. Accountant, M.S.P.C.B., Shillong for information. Expenditure may be charged from the component "Assistance of Abatement of Pollution to SPCBs/PCCs and CPCB of Central Sector Scheme 'Control of Pollution' FY 2023-2024.
3. Office Notice Board/Board's Website.

**MEMBER SECRETARY**

Meghalaya State Pollution Control Board  
Shillong