

Total Amount in Words: fifteen thousand rupees only بـ

Commission (if any): _____ Purpose of Transaction: _____

کیشن (اگر کوئی ہو) ٹرانزیکشن کا مقصد 7176557760

Depositor's Name: M. P. Rao Cholan Contact No. 0343003113

جمع‌کنندۀ کاتانم ملیوون نمبر Czech National Library

Depositor's CNIC No. 1702191453113 **ACCOUNTS PURCH. PROCUREM.** Date: 2025-12-09

جع کنندہ کا کمپیوٹر ایڈ شاٹی کارڈ نمبر
(For non-HBL/Walk-in Customers. Also attach ID Document Copy)

Depositor's Account No. 1234567890 **Amount** \$100.00

جمع کشندہ کا اکاؤنٹ نمبر (For HBL Customers/Account Holders)

Received By: دصول کنندہ Depositor's Signature دستخط جن کنندہ

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TENDER DOCUMENTS

REPAIR / UPGRADATION TO 10 KVA HYBRID SOLAR SYSTEM FOR SEISMIC BUILDING AT RMC PESHAWAR

No. AS 5-3(34)/HSSS/2025



**REGIONAL METEOROLOGICAL CENTRE
KHYBER ROAD, PESHAWAR**
Phone No. 091-9210190
Fax No. 091-9210223

December 2025

TENDER NOTICE

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Pakistan Meteorological Department, Regional Meteorological Centre, Khyber Road, Peshawar invites sealed bids on F.O.R. basis from the firms/parties, registered with Income Tax and Sales Tax Departments and who are on Active Taxpayers List of Federal Board of Revenue for supply of the following items:

Item No.	Items Description	Quantity
01	REPAIR / UP-GRADATION TO 10 KVA HYBRID SOLAR SYSTEM FOR SEISMIC BILDING AT RMC PESHAWAR	01

2. Bidding documents, containing detailed terms and conditions, etc. are available at the Regional Meteorological Centre, Khyber Road, Peshawar. Bidding documents can also be downloaded from www.pmd.gov.pk.

3. The bids, prepared in accordance with the instructions in the bidding documents, must be uploaded through PPRA e-pads and reach at the office of Director, Regional Meteorological Centre, Khyber Road, Peshawar on or before **24-12-2025 at 03:00 pm**. Bids will be opened on the same day at **03:30 pm**. This advertisement is also available on PPRA website at www.ppra.org.pk.

Director
Regional Meteorological Centre
Khyber Road, Peshawar
091-9210190

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS BY COMPONENT

Component	Specification Requirements
PV Modules (Solar Panels)	<p>Capacity: Minimum 600W or above per module (Tier 1 brands like Jinko, Longi, JA Solar, Canadian Solar, or equivalent).</p> <p>Type: Mono, N- type Bifacial</p> <p>Efficiency: Minimum 20% (or higher).</p> <p>Warranty: 25 years performance warranty, 10-12 years product warranty.</p>
Inverter	<p>Capacity: 10 KVA, 3 Phase.</p> <p>Type: Hybrid (e.g., Inverex, Crown, Lux Power Tek, or equivalent).</p> <p>Efficiency: 92% and above.</p> <p>Output: Pure sine wave AC, 440VAC (three-phase), 50Hz, total harmonic distortion (THD) < 2%.</p> <p>Protection: Built-in protection against over/low voltage, over current, short circuits, reverse polarity, lightning induced transients, and overload.</p> <p>Features: Wi-Fi supported, zero export manager (if required for net-metering), data logger, IP66.</p> <p>Warranty: At least 5 years extendable to 10 years performance warranty.</p>
Mounting Structure	<p>Material: A-plus quality raised mounting racks, hot-dip galvanized steel or aluminum alloy.</p> <p>Design: Suitable for the specific roof type flat concrete with appropriate angle of installation.</p> <p>Wind Load: Must withstand wind speeds up to 130 Km/hour.</p> <p>Hardware: All nuts, bolts, and fasteners must be stainless steel</p>
Cabling & Protection	<p>Cables: High quality, UV resistant, and copper AC unarmored cables</p> <p>Protection Devices: German brands such as ABB, Schneider Electric, or Siemens for AC/DC breakers, SPD (Surge Protection Devices), and earthing systems.</p> <p>Earthing: Complete AC and DC earthing system and lightning arrester as per site specifications.</p>
Battery Bank	<p>Type: LiFePO4 (Lithium Iron Phosphate)</p> <p>Capacity: 48V 300Ah</p> <p>DOD: 90%.</p> <p>Life Cycle: Long cycle life (>6000 cycles for LiFePO4).</p> <p>Warranty: Minimum 3 years comprehensive replacement warranty.</p>

- Interested firms/parties may visit the office of Director, RMC Peshawar to inspect the site / location during the office hours.
- The competent authority has the right to alter the scope of work depending on the availability of funds.

TERMS & CONDITIONS:

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1. Bidding Procedure:

- Single Stage-Two Envelope Procedure as per PPRA Rule 36 (a).

2. Eligibility Criteria:

Bidders must:

- Be Registered with FBR (Valid NTN & GST)
- Provide an affidavit of non-blacklisting
- Show proof of similar supplier to the government / semi-government entities

3. Bid Submission:

- Submit bids through PPRA e-paid and to the Office of the **Director, Regional Meteorological Center (RMC)** Khyber Road Peshawar.
- Mark Envelope as:
“Repair & up-gradation to 10 KVA Hybrid Solar System for Seismic building at RMC Peshawar”

4. Bid Security (Earnest Money):

- 2% bid security of the total quoted amount (inclusive of GST) must be submitted as a Pay order/ Bank draft in favor of Director, RMC Peshawar in Pakistani Currency.
- Bid without Earnest Money will be rejected.

5. Bid Validity:

- The bids shall remain valid for a period of three months (90 days) from the date of opening of the tender (Rule 28)
- If required, the procuring agency may request an extension in the validity period, subject to the written consent of the bidder.

6. Supply Schedule:

- The successful bidder shall deliver the items on quarterly basis as per the procuring agency requirements (Rule 15)
- Quantities and delivery schedules will be communicated prior to start of each quarter.
- The bidder must ensure timely delivery to avoid disruption in operations.

7. Delivery Schedule:

- Items must be delivered within 15 days of issuance of the purchase order.
- A 1% penalty per day will apply for delays beyond the specific time.

8. Payment Terms:

- Payment will be made via Cheque after the inspection and satisfactory delivery by the Technical Committee.

9. Taxes:

- Prices quoted must be inclusive of all applicable taxes.
- Taxes will be deducted at source as per governments rule.

10. Rejection of Bids:

- The procuring agency reserves the right to reject any or all bid as per PPRA Rule 33.

11. Bid Opening:

- Bid will be publicly opened at the specified date and time in presence of bidders or their representatives.

12. Performance Guarantee: 2% Performance Guarantee of the total quoted amount (inclusive of GST) must be submitted as a Pay order/ Bank draft in favor of Director, RMC Peshawar in Pakistani Currency.