



HABIB BANK  
حیب بینک

Deposit Slip  
Customer Copy

Branch: 0224	Date: 27/04/2024
Account Title: اکاؤنٹ ہولڈر کا نام	
IBAN: PK H A B B 0 0 0 4 5 4 0 0 1 3 1 0 0 7 0 1	
Currency: <input type="checkbox"/> PKR <input type="checkbox"/> USD <input type="checkbox"/> EURO <input type="checkbox"/> GBP <input type="checkbox"/> JPY <input type="checkbox"/> Others	Account Type: <input type="checkbox"/> Current <input type="checkbox"/> Savings
Credit Card No. - - - - -	
<input type="checkbox"/> CASH نقد	AMOUNT رقم
BANK / BRANCH: Cash	CHEQUE/INSTRUMENT NO. چیک نمبر
TOTAL AMOUNT کل رقم	10000/-
Total Amount in Words: Sixteen thousand only	
Depositor's Name: M. Manzoor	Online Cash Deposit
Contact No. 03349030843	Branch: 0224-PESHAWAR CANTT.
Depositor's CNIC No. 17201-13712187	Account: PUBLIC PROCUREMENT Date: 2026-04-27
Depositor's Account No. (For HBL Customers / Account Holders)	IBAN: PK1/HABBB0004540013100/01
	Amount: *****16,000.00 PKR
	Charges: *****/19.00
	Teller T073 91 Time: 15.16.16.482000
Received By: وصول کنندہ	Depositor's Signature: (Signature)
	(As per Terms & Conditions on reverse) (Not official unless validated)

0913133

# **TENDER DOCUMENTS**

**REPAIR / UPGRADATION TO 10 KVA HYBRID SOLAR SYSTEM AT**  
**APS / PBO CHITRAL**  
**(CORRIGENDUM)**

**No. AS 5-3(35)/HSSC/2026**



**REGIONAL METEOROLOGICAL CENTRE**  
**KHYBER ROAD, PESHAWAR**

Phone No. 091-9210190

Fax No. 091-9210223

April 2026



## **TENDER NOTICE**

## TENDER NOTICE

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	<b>REPAIR / UP-GRADATION TO 10 KVA HYBRID SOLAR SYSTEM AT APS / PBO CHITRAL</b>	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](http://www.pmd.gov.pk), PPRA EPADS [www.eprocure.gov.pk](http://www.eprocure.gov.pk).
3. The bids, prepared in accordance with the instructions in the bidding documents, must be submitted **through PPRA EPADS** on or before **19-05-2026** at **11:00 am**. Bids will be opened on the same day at **11:30 am**. This advertisement is also available on PPRA website at [www.ppra.org.pk](http://www.ppra.org.pk).

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**Note:** All Firms are directed to quote their Bids online through PPRA E-PADS as well as original Bids must be submitted in hard forms to the office of Director, Regional Meteorological Centre, Khyber Road, Peshawar

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**Director**  
Regional Meteorological Centre  
Khyber Road, Peshawar  
091-9210190

## **TECHNICAL SPECIFICATIONS**

## TECHNICAL SPECIFICATIONS BY COMPONENT

Component	Specification Requirements
<p><b>PV Modules</b> <b>(Solar Panels)</b></p> <ul style="list-style-type: none"> <li>• Canadian</li> <li>• Jinko</li> <li>• Longi</li> <li>• JA</li> <li>• Or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>• Capacity: Minimum 600W or above per module</li> <li>• Brand Type: Tier 1 (dated and documented)</li> <li>• Type: Mono, N- type Bifacial (TOPCon)</li> <li>• Efficiency: Minimum 23% (or higher).</li> <li>• Protection Class: II</li> <li>• Name of the test lab issuing IEC certificate other relevant information on traceability of solar cells and module as per ISO 9000 series including construction details of the panels.</li> <li>• Certifications: IEC61215, IEC61730. A certificate and a report stating compliance to the relevant standards which is also verifiable from the certifying laboratory shall be submitted.</li> <li>• Warranty: 12 years product and 25 years performance warranty.</li> </ul>
<p><b>Inverter</b></p> <ul style="list-style-type: none"> <li>• Inverex,</li> <li>• Crown,</li> <li>• Lux Power Tek</li> <li>• or equivalent</li> </ul>	<ul style="list-style-type: none"> <li>• Capacity: 10 KVA, Single Phase.</li> <li>• Type: Hybrid (Grid + Battery support).</li> <li>• Efficiency: 92% and above.</li> <li>• Maximum PV Power Input: Upto 13,000W</li> <li>• PV Voltage Range: 120V – 500V</li> <li>• Battery Voltage: 48V</li> <li>• Max Charging Current: Upto 180A</li> <li>• Output: Pure sine wave 220VAC (Single phase), 50Hz.</li> <li>• Display: 5-inch Smart LCD Touch Panel</li> <li>• Features: Built-in WiFi, Mobile App</li> <li>• Safety Features: Overload, Low voltage, Overvoltage, Short Circuit, Surge protection, reverse polarity and lightning protection.</li> <li>• Design: IP65, Dustproof &amp; Splashproof</li> <li>• Cooling System: Advanced Intelligent Fan Cooling</li> <li>• Warranty: At least 2 years replacement and 10 Years performance warranty.</li> </ul>
<p><b>Mounting Structure</b></p>	<ul style="list-style-type: none"> <li>• Material: A-plus quality raised mounting racks, 14 Gauge hot-dip galvanized steel or aluminum alloy.</li> <li>• Design: Suitable for the specific roof type flat concrete with appropriate angle of installation.</li> <li>• Installation of Structure must withstand wind speeds up to 130 Km/hour. Hardware: All nuts, bolts, and fasteners must be stainless steel</li> <li>• Civil Work: PCC Foundation Pad</li> </ul>
<p><b>Cabling &amp; Protection</b></p>	<ul style="list-style-type: none"> <li>• DC Cable: as per system requirement, high quality 1000v DC capacity, UV resistant</li> <li>• AC Cable: as per system requirement, copper AC unarmored cables</li> <li>• Brand: Pakistan cable or equivalent</li> <li>• The cables should be insulated with a special grade PVC compound</li> <li>• All type AC/DC Circuit Breakers: ABB, Schneider, or equivalent.</li> <li>• Surge Protection Devices (SPD): ABB, Schneider Electric or Equivalent</li> <li>• Earthing: Complete AC and DC earthing system using chemical and charcoal and lightning arrester as per site specifications.</li> </ul>

<b>Battery Bank</b> <ul style="list-style-type: none"> <li>• Inverex</li> <li>• Crown</li> <li>• Itel</li> <li>• or Equivalent</li> </ul>	<ul style="list-style-type: none"> <li>• Type: LiFePO4 (Lithium Iron Phosphate)</li> <li>• Capacity:48V 300Ah</li> <li>• DOD:90%.</li> <li>• Life Cycle: Long cycle life (&gt;6000 cycles for LiFePO4).</li> <li>• Proper BMS connectivity with Inverter</li> <li>• Warranty: Minimum 3 years comprehensive replacement warranty.</li> </ul>
<b>Commissioning</b>	<p>THE CONTRACTOR MUST SHOW RESULTS FOR FOLLOWING TESTS, ON SITE:</p> <ul style="list-style-type: none"> <li>• PROPER EARTHING SOLAR PROJECT &amp; EARTHING TEST</li> <li>• LIGHTENING ARRESTOR: PURE COPPER BALL WITH SPIKES ON ROD TYPE.</li> <li>• NOTE: TESTING EQUIPMENT INCLUDING EARTHING TESTER ETC. WILL BE SUPPLIER’S RESPONSIBILITY.</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>• COMPLETE SYSTEM: 5 YEARS OR MORE COMPLETE SYSTEM</li> </ul>

➤ 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.

## **1. TECHNICAL EVALUATION CRITERIA**

<b>S. No</b>	<b>Evaluation Criteria</b>	<b>Weightage</b>
1	Technical Evaluation	70%
2	Financial Evaluation	30 %
3	Passing Criteria of technical	45%
4	All relevant rules will be followed as per criteria of Single stage two envelope	

## **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 EPADS 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 APS / PBO Chitral”
4. **Bid Security (Earnest Money):**
  - 5% 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 through AGPR 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 online through PPRA EPADS at the specified date and time in presence of bidders or their representatives.