

GOVERNMENT OF PAKISTAN
Pakistan Meteorological Department
Meteorological Complex, Headquarter (Camp) Office
University Road Karachi



(INVITATION TO BID)

F. No. IP-2(3)/2025-26/2

SECTION-I

Supply Of Machinery & Equipment For
Laboratory/ Observatories
On F.O.R.(Pak Rs.) Karachi Basis

- 1) ELECTRICAL ANEMOMETERS
- 2) COMBINED SENSORS (Temperature, Humidity & Pressure)
- 3) DIGITAL SOIL THERMOMETERS
- 4) MET THERMOMETERS (MINIMUM)

SECTION-II

Supply Of Raw Material For
Met Workshop to Manufacture
Laboratory/ Observatories Equipment
On F.O.R.(Pak Rs.) Karachi Basis

- 1) WORKSHOP MATERIALS
- 2) WOOD PLANKS
- 3) CARPENTRY ITEMS
- 4) BRASS RODS

PAKISTAN METEOROLOGICAL DEPARTMENT
I & P Section, Meteorological H.Q's Camp Office
Meteorological Complex, University Road, Karachi
Phone No. 021-99261425
Fax No. 021-99261405


AMEER HYDER
Chief Meteorologist
Pakistan Meteorological Department
Karachi



GOVERNMENT OF PAKISTAN
MINISTRY OF DEFENCE
PAKISTAN METEOROLOGICAL DEPARTMENT
MET. H.QS CAMP OFFICE, METEOROLOGICAL COMPLEX,
UNIVERSITY ROAD, KARACHI

TENDER NOTICE NO. 2 (2025-26)

Pakistan Meteorological Department, Karachi invites sealed quotations from reputable firms registered with the Sales Tax & Income Tax Departments for supply of following items :

S. Nos.	Description of items	Quantity	Dates & time
Section-I			
Supply Of Machinery & Equipment For laboratory/ Observatories On F.O.R.(Pak Rs.) Karachi Basis			
01.	Electrical Anemometers	02Nos.	16-02-2026 Closing at 1100PST & Opening at 1130 PST
02.	Combined Sensors (Temperature, Humidity & Pressure)	05 Nos.	
03.	Digital Soil Thermometers	05Sets	
04.	Meteorological Thermometers (Minimum)	100Nos.	
Section-II			
Supply Of Raw Material for Met Workshop to Manufacture Equipment of laboratory/ Observatories On F.O.R.(Pak Rs.) Karachi Basis			
01.	Workshop Materials	Different	17-02-2026 Closing at 1100PST & Opening at 1130 PST
02.	Wood Planks	Different	
03.	Carpentry Items	Different	
04.	Brass Rods	Different	

Instruction to Bidders:

1. Earnest Money (refundable) for **Section-I Rs.300,000/-** and for **Section –II Rs.170,000/-** in shape of Bank Draft/ Pay Order in favour of Director General Meteorological Services, Karachi should be submitted with the bid.
2. The bid received within stipulated date and time, will be opened (**Technical Offers**) by the committee on the same day(mentioned above) in the presence of bidders or their authorized representatives (**Attendance is mandatory**).
3. All the firms are directed to quote their bids online through EPADS (PPRA) as well as original bids must be submitted in hard form to Pakistan Meteorological Department, I & P Section, Met. H.Q's Camp Office, Met. Complex, University Road, Karachi.
4. Single-Stage two envelope procedures will be adopted (Technical offers will be opened on above mentioned dates and financial offers will be opened later after technical evaluation)
5. This office reserves the right to accept or reject any offer or complete TENDER according to PPRA Rules, 2004.
6. Detailed specifications (Free of Cost) can be downloaded from websites: www.ppra.org, or www.pmd.gov.pk or www.eprocure.gov.pk (EPADS)

(AMEER HYDER)
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for Director General
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Karachi

SPECIFICATION OF ITEMS

SECTION-I

SUPPLY OF MACHINERY & EQUIPMENT FOR
LABORATORY/ OBSERVATORIES
ON F.O.R.(PAK RS.) KARACHI BASIS


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Karachi

No.IP-1(3)/Anemo./627/2025-26

Due open on 16-02-2026 at 1130 PST

Item No.1 SPECIFICATION OF ELECTRICAL ANEMOMETER

S. No.	Quantity	Quantity
1	<p><u>ELECTRICAL ANEMOMETER</u></p> <p>a. 1M 124 cup type anemometer and 1M 145 wind direction.</p> <p>b. Wind data acquisition system , Digital Graphic Recorder; with the following specification:</p> <p>i. Visualization of instantaneous values.</p> <p>ii. 2min /commit/max gust calculation, display and saving.</p> <p>iii. Alarm value setting.</p> <p>iv. Data export to USB or drive.</p> <p>c. 200 meters connection wire alongwith all connectors for physical connectivity between sensor and display system.</p> <p>d. The data acquisition system should be opera table over 220v power source; with backup of up to 8hours in case of power failure.</p>	02Nos.


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No.IP-1(3)/Sensors/628/2025-26

Due open on 16-02-2026 at 1130 PST

Item No. 2 SPECIFICATION OF COMBINED SENSORS(TEMPERATURE , HUMIDITY AND PRESSURE SENSORS.

S. No.	Description of Stores	Quantity
01	<p><u>COMBINED TEMPERATURE ,HUMIDITY AND PRESSURE SENSOR.</u></p> <p>The temperature Sensor /probe installed in Stevenson screen and display/transmitter module along with pressure sensor installed in observation room remotely (up to 500m distance). The display / transmitter module should have</p> <ul style="list-style-type: none"> • External memory USB/SD card port for automatic transfer of data with saving capabilities of module for at least 4 years so that data extraction is possible without need of any software, laptop and other peripherals • Operate able 12V DC power supply and has provision of external power jack/port for connecting the DC input • Capability of fiber optic and LAN connectivity with remotely installed probe/sensor. <p><u>Temperature:</u></p> <ul style="list-style-type: none"> • Sensor type PT-100 or PT 1000 or equivalent • Measurement range: -40 to +60 °C • Resolution: maximum 0.1 °C • Accuracy:±0.1°C. <p><u>Humidity:</u></p> <ul style="list-style-type: none"> • Relative humidity must be measured using a heated capacitive or comparable sensor to avoid the measurement errors caused by dew formation. The sensor must be protected from pollution by an appropriate, exchangeable filter • Range: 0 – 100% • Resolution> maximum 1% RH • Accuracy: ± 1% RH • Operating Temp. range: -40 to +60 °C <p><u>Pressure:</u></p> <ul style="list-style-type: none"> • Range: 600-1100hPa or better • Calculate both station and mean sea level pressure • Operating temperature range -40- +60°C • Resolution: 0.1hPa or better • Response time: 10 seconds or better • Accuracy: 0.3hPa (-40- +60°C) or better • Dust filter <p><u>Power Supply Unit:</u> A suitable solar system including solar plate, charge controller and batteries etc.</p>	05 Nos.



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No.IP-1(3)/Digital Soil Thermometers/629/2025-26 Due open on 16-02-2026 at 1130 PST

Item No. 3 SPECIFICATION OF DIGITAL SOIL THERMOMETERS.

S. No.	Description of Stores	Quantity
01	Digital Soil Thermometers Stainless steel probe (covering 5, 10, 20, 30 , 50cm) a digital LCD display, a specific temperature range (e.g., -50°C to 250°C), and a particular level of accuracy. Casella London or equivalent.	05 Sets.

No. IP-1(3)/ Met. Thermo /630/2025-26

Due open on 16-02-2026 at 1130 PST

Item No.4 : SPECIFICATION OF MET THERMOMETERS (MINIMUM)

S. No.	Description of Stores	Quantity
01.	METEOROLOGICAL THERMOMETERS (MINIMUM):: SOLID STEM MINIMUM SCREEN THERMOMETERS With Wooden Back And Sprit Filled RANGE: -35°C TO 50°C X 0.5°C DIMENSION: 350mm X 85mm X 28mm Accuracy : ± 0.2 Weight: 325grams " U.K" MADE OR EQUIVALENT	100Nos.

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INSTRURCTIONS TO BIDDERS / TERMS AND CONDITIONS

(ON FOR (PAK RS.) KARACHI BASIS)


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Pakistan Meteorological Department
Karachi

**GOVERNMENT OF PAKISTAN
PAKISTAN METEOROLOGICAL DEPARTMENT
H.Q. Camp Office, University Road, Karachi-75270**

1. Any addition, deletion or modification of any clause of the procurement terms & conditions of PMD by vendor will not be acceptable and may lead to rejection of the bid.
2. Only registered suppliers, who are on Active Taxpayer List (ATL) of FBR are eligible to participate in tender. Please attach GST, NTN and ATL Certificates with Technical Offer.
3. The supplier is well established firm / company in the business of relevant field with sound financial status.
4. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of PMD.
5. The bidder is required to furnish in form of pay order equivalent to 2% of the total bid price as Earnest Money in favour of "Director General Meteorological Services, Karachi. Any bid not accompanied by Earnest Money shall be rejected without any right of appeal.
6. Part / Advance payment is not allowed.
7. After opening of bids PMD, Karachi will examine the bid completeness as per tender documents.
8. Purchase order(s) will be awarded to the lowest and technically recommended bidder (s) on the basis of item wise/ subtotal wise/ grand total wise according to the nature of item.
9. PMD, Karachi will follow the PPRA rule of **Single stage two envelope procedure:**
 - i) The bid shall comprise **two separate envelopes**: Each envelope shall contain separately the financial proposal and technical proposal.
 - ii) The envelop shall be marked as "**FINANCIAL PROPOSAL**" and "**TECHNICAL PROPOSAL**" in bold and legible letters to avoid confusion.
 - iii) Initially, only the envelop marked "**TECHNICAL PROPOSAL**" shall be opened.
 - iv) The envelop marked as "**FINANCIAL PROPOSAL**" shall be retained in the custody of PMD, Karachi without being opened.
 - v) The **Technical Proposal** shall contain the following:
 - (a) Detailed Specification on company's letter head with sign and stamp.
 - (b) Copiers of CNIC, GST/ NTN/ ATL certificates, and an affidavit that Company is not black listed.
 - (c) Original pay order of earnest money..
 - (d) Terms and conditions of Tender signed and stamped by the company.
 - (e) Brochure/ Literature of Items (if necessary)
 - (f) Samples of the quoted items (where required).
 - vi) The **Financial Proposal** shall contain the following:
 - Price Proposal / Quotation on original letter head including all taxes.
10. Bidders cannot challenge the finding of the evaluation or ask for reason of disqualification.
11. All the firms are directed to quote their bids online through EPADS (PPRA) as well as original bids must be submitted in hard form to Pakistan Meteorological Department, I & P Section, Met. H.Q.'s Camp Office, Met. Complex, University Road, Karachi up to **mentioned dates** on or before 1100PST and will be opened on the same date at 1130PST in the presence of available bidders (**attendance is mandatory**).
12. The envelope should be marked as under:

**PAKISTAN METEOROLOGICAL DEPARTMENT
Indent and Purchase Section
Meteorological Complex, University Road, Karachi
Tel : 021-99261425, 021-99261410 Ext. : 211**
13. The envelope shall also bear the word "**CONFIDENTIAL**" and following identification quotation of "Tender Notice No. **IP-2(3)/2025-26/2**".
14. If the delivered goods / services are not according to the required quality standards/specification, the same shall be liable to be rejected after inspection. The vendor would be required to supply as per requirements mentioned in Quotation, otherwise the purchase /work order will be cancelled with confiscation of earnest money.
15. Income Tax and any other tax will be deducted at source according to Government prevailing rules.

16. Payment will be made on submission of Invoice in the name of " Pakistan Meteorological Department , Karachi " with GST invoice and copy of delivery challan (s) after the complete order has been supplied, inspected and accepted which includes delivery / installation and PMD acceptance / inspection thereof.
17. All the prices should be quoted on F.O.R. (Pak Rupees).
18. All prices should be valid for 90days, withdrawal or any modification of the original offer within the validity period shall entitle PMD to forfeit the earnest money in favour of the PMD and /or put a ban on such vendor participation in PMD tenders/ works.
19. It is the sole responsibility of the agent/ supplier/ manufacturer to comply with the applicable laws, be national or international.
20. In case of any dispute, decision of the Chairman Purchase Committee will be final and binding upon the parties.
21. The PMD reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.

22. Criteria for Technical Evaluation:

- i. The firm / supplier must be registered with GST/ Income Tax Department.
- ii. The firm / supplier must be included in Active Taxpayer List.
- iii. The firm / supplier must not be black listed by procuring agency / Govt. Office.
- iv. During the technical evaluation no amendments in the technical proposal shall be permitted.
- v. Technical Evaluation will be done on the basis of detailed specification / sample provided, any offer/ sample not meeting the standard shall be rejected
- vi. Earnest money must be deposited in the form of Pay order/ Bank Draft.
- vii. After the evaluation and approval of the technical proposal PMD, shall at a time within the bid validity period, publically open the financial proposals of the technically accepted bids only. The financial proposals of bids found technically non-responsive shall be returned unopened to the respective bidders.

23. General or Special Conditions of contract clause:

- i) Purchase / work order (s) will be awarded on item wise basis as mentioned in form of quotation.
- ii) In case of placement of contract supplier is required to pay STAMP DUTY to Government of Sindh or require to submitted STAMP PAPER @0.35% of the contract value to this office under Article 15(a) of the Schedule to the Stamp Act, 1899.
- iii) Successful Tenderers / Firm is required to submit an other pay order to complete 5% of the total contract value including all taxes , to meet the requirement of 5% security deposit within week time failing which the Earnest Money will be forfeited and risk purchase effected at the cost of such defaulting firm.

24. Delivery time or completion schedule/ penalty clause:

- i) Delivery of Stores: Store is required on F.O.R. , Karachi basis at Central Meteorological Store, Karachi within one month for local items / three months for imported items from the date of contract on free delivery to consignee basis, including all taxes and other charges livable, if any.
- ii) If the vendor fails to deliver the goods / services to Central Meteorological Store, Karachi in time then the penalty will be charged as under:
 - a) 1% per day of the invoice price for 5 working days.
 - b) 2% per day of the invoice price for further 5 working days.
 - c) If the vendor fails to deliver the goods / service during the extended period then the purchase / work order may be cancelled, earnest money and payment may be forfeited.

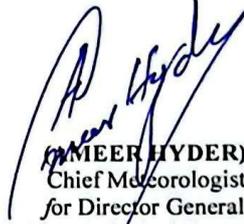
25. The bidder should furnish a certificate as worded below in token of acceptance of all the terms and conditions of the tender. Otherwise the tender will not be considered under any circumstances.

26. I/ We the undersigned certify that the terms and conditions are contained in the documents vise Terms and conditions for Tender Notice of PMD, Karachi are accepted and that in the event of selection of my /our rate the agreement in the prescribed form will be entered into.

- Company / Vendor Name :
- Postal Address:
- Telephone / Mobile No.
- Email:

Signature : _____
(Participating firm)

Stamp: _____


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for Director General
Pakistan Meteorological Department

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Karachi