

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



(INVITATION TO BID)

F. No. IP-2(3)/2024-25/2

SUPPLY ON F.O.R. BASIS

- 1) METEOROLOGICAL BALLOONS (30GM & 100GM)**
- 2) PILOT BALLOONS THEODOLITE**
- 3) ELECTRICAL ANEMOMETERS**
- 4) DIGITAL THERMOMETERS**
- 5) DIGITAL BAROMETERS**
- 6) PHOTO STAT PAPERS (A4 Size)**

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

TENDER NOTICE NO. 2 (2024-25)

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
Items to be purchased on F.O.R. (Pak Rs.) Karachi Basis			
01.	Meteorological Balloons (30gm & 100gm)	4000Nos. & 2000 Nos.	16-10-2024 <i>Closing at 1100PST</i> & <i>Opening at 1130 PST</i>
02.	Pilot Balloons Theodolite	01No.	
03.	Electrical Anemometers	03Nos.	
04.	Digital Thermometers	05Nos.	
05.	Digital Barometers	05 Nos.	
06.	Photostat Papers (Local, Branded), Size: A4	300 Reams	

Instruction to Bidders:

- Earnest Money (refundable) 2% of the offer in shape of Bank Draft / Pay Order in favour of D.G. Met. Services, Karachi should be submitted with the bid.
- The bid received within stipulated date and time, will be opened by the committee on the same day (as mentioned above) in the presence of bidders or their authorize representatives.
- 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.
- Single-Stage two envelope procedures will be adopted.
- This office reserves the right to accept or reject any offer or complete TENDER according to PPRA Rules, 2004.
- Detailed specifications (Free of Cost) can be downloaded from websites: www.ppra.org. or www.pmd.gov.pk. or www.eprocure.gov.pk (EPADS)


(DR. SARFARAZ)
Chief Meteorologist
for Director General
Ph.# 021- 99261425

Dr. Sarfaraz
Chief Meteorologist
Pakistan Meteorological Department
Karachi

SPECIFICATION OF ITEMS

FOR SUPPLY ON F.O.R(Pak Rs.) BASIS

No. IP-2(3)/ Met. Balloons/608/2024-25

Due open on 16-10-2024 at 1130 PST

ITEM NO. 1: SPECIFICATION OF METEOROLOGICAL BALLOONS.

S. No.	Description of Stores	Quantity
01.	<u>METEOROLOGICAL BALLOONS 30Gms.</u> 1. Nominal weight : 30gms. 2. Weight : 30±5gms 3. Deflated body dia. : 250 mm ± 50 mm 4. Internal Neck dia. :52 mm ± 5mm 5. Neck length : 80 mm ±10mm 6. Min bursting dia when inflated : 1000 mm with air at ground. 7. Material and color : Natural red rubber. 8. Min. Flying height : 3Kms.	4,000 Nos.
02.	<u>METEOROLOGICAL BALLOONS 100Gms.</u> 1. Nominal Weight : 100Gms. 2. Weight : 100±10gms. 3. Deflated body dia. : 400 ±50 mm. 4. Internal Neck dia. : 70 mm ± 10 mm. 5. Neck Length. : 80 mm ± 20 mm. 6. Min. Bursting dia. :1600 mm (Min.) 7. Material & Colour. : Synthetic or natural uncolored rubber.: 8. Min. Flying height. : 6Kms.	2,000 Nos.

GENERAL DESCRIPTION:-

The balloons must be of extensible material and shall be spherical or pear shaped when in flat. The material should be of high quality natural or synthetic rubber free from Pinholes, blemishes and particulars of foreign after with uniform thickness except near the neck where increased thickness is required for extra strength. The color shall be deep opaque and evenly spread so that it does not present a patchy Appearance when inflated. The balloons should be sufficiently robust to with stand normal handling during release in dusty winds. The balloons should not be more than 6 months old when received in stores and must retain their performance under normal storage conditions in tropics for minimum period of 12 months from the date of receipt in store.

PACKING & MARKING:-

- The balloons should be thoroughly dry dusted inside and outside with fresh chalk/any Dehydrating powder.
- The balloons shall be folded in their natural folds and then rolled up and each balloon wrapped and sealed separately in a moisture proof cellophane or other approved soft protecting wrapping material.
- The wrapping should be marked:-
a) Weight. b) Maker's name and brand. c) Co lour d) Date of manufacture.
- Packed balloons should be supplied in cartons made from stiff cardboard & each carton containing the following number of balloons.
a). i. 30gm – 100 Nos. ii) 100gm. - 60 Nos.
b). Suitable number of cartons should be packed in wooden cases suitable for rail or ship transport.
- Carton should be marked as follows:
a) A.T. No. and date. b) Meteorological balloons. c) Size of balloons. d) Date of manufacture. e) Quantity.
f) Maker's name

NOTE:

Tenderers are also required to submit 05 Nos. balloons separately for each type as sample in the office of the Pakistan Meteorological Department, I and P Section, Met. Headquarters, Camp Office, Karachi before opening of the tender.

Dr. Sarfaraz
Chief Meteorologist
Pakistan Meteorological Department
Karachi



No.IP-2(3)/Theodo./609/2024-25

Due open on 16-10-2024 at 1130 PST

Item No.2 SPECIFICATION OF DIGITAL BALLOON THEODOLITE

Description of Stores	Quantity
<p>DIGITAL BALLOON THEODOLITE TD-4 with complete accessories TAMAYA OR (H & W) Or Equivalent.</p> <p>Digital Balloon Theodolite is required with a Telescope mounted so that it can rotate in both Azimuth and Elevation directions, with Main Telescope and Sighting Telescope (Optional). It must have a detachable or fixed compass, with carrying case and Tripod as per following specification.</p> <ul style="list-style-type: none"> ❖ <u>Main Telescope</u> <ul style="list-style-type: none"> Diameter 47mm Magnification 18X Image Inverted Field of view 2°30' Resolution 3.5" ❖ <u>Digital Angle Display</u> <ul style="list-style-type: none"> Azimuth 0° - 360° Elevation 0° - 360° Smallest unit 0.01° (for both azimuth and elevation) Display LCD (16 digits, 2 lines) ❖ <u>Functions</u> <ul style="list-style-type: none"> Clock function Built-in real time clock Calendar function Timer 1-99 seconds Command and alarm Buzzing ❖ <u>Level Vial Sensitivity</u> 90"/2mm ❖ <u>Power</u> <ul style="list-style-type: none"> Main Power Lithium ion battery (Rechargeable) ❖ <u>Accessories required with each Theodolite.</u> <ul style="list-style-type: none"> Hood1Piece Eyepiece filters1Piece Tubular compass1Piece Level vial adjusting Pin1Piece Earphone for buzzer1Piece Tripod1Piece Battery charger1Piece Carrying case1Piece Instruction Manual1Piece ❖ <u>Optional items</u> <ul style="list-style-type: none"> Printer for TD-41Set Software for TD-41Set RS-232C Interface cable for PC1Set Chart Papers (10 rolles/set)1Set 	01 No.

Dr. Sarfaraz
Chief Meteorologist
Pakistan Meteorological Department
Karachi



No.IP-2(3)/Anemo./610/2024-25

Due open on 16-10-2024 at 1130 PST

Item No.3 SPECIFICATION OF ELECTRICAL ANEMOMETER

Description of Stores	Quantity
<p><u>ELECTRICAL ANEMOMETER</u> (MUNRO Or Equivalent.)</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>	<p>03Nos.</p>



Dr. Sarfaraz
Chief Meteorologist
 Pakistan Meteorological Department
 Karachi

No.IP-2(3)/Digital Thermo/611/2024-25

Due open on 16-10-2024 at 1130 PST

Item No. 4 SPECIFICATION OF DIGITAL THERMOMETER.

S. No.	Description of Stores	Quantity
01	<p>Vaisala HMT-330 or Equivalent (Data logger module included, 4years data archiving supported) Premium Humidity & Temperature with metal enclosure HMT337 For High Humidity -----1EA Probe (2m, Semi-assembly) +180C, 2m -----1EA RH + TD + a + Tw + x +h + pws 1 EA Display Cover1 EA Standard (24VDC)1 EA Analog output 4---- 20mA 1 EA Channel 1 RH0 -----100%RH1 EA Channel 2(Temperature Range) Temperature in range -40 ... +80°C (-40... +176°F) 1 EA Metric Units1 EA Data Logger Module1 EA Cable Gland, Metal, EMC M20 x 1.5/6mm, 8.0-11.0mm.....1 EA Ms/Ni/TPE/NBR Humicap H180R General Purpose and high chemicals..... 1 EA concentrations SST Sintered filter, Best protection for Long-term Stability 1 EA User Guide of the system (HMT330 or Equivalent) 1 EA USB Service Cable , RJ451 EA ISO 9001 Compliant Factory Calibrations..... 1 EA No. Calibration contract 2262521 EA Wall Mounting Kit with Probe Holder 2151091 EA Outdoor Installation Kit (weather shield) 2199161 EA</p>	05 Nos.



Dr. Sarfaraz
 Chief Meteorologist
 Pakistan Meteorological Department
 Karachi

No.IP-2(3)/Digital Baro/612/2024-25

Due open on 16-10-2024 at 1130 PST

Item No. 5 SPECIFICATION OF DIGITAL BAROMETER.

S. No.	Description of Stores	Quantity
01	Vaisala Digital Barometer PTB330 OR Equivalent A1AAHAACEB0A0B Digital Barometer1 EA Class A Accuracy (± 0.15 hPa over full temperature range)1 EA Display Cover1 EA Standard (10-35 VDC)1 EA Baro-1 Module 500...1100hPa1 EA Cable Bushing for 8.....11mm Cable.....1 EA Barbed fitting 1/8", one barometer module or differential measurement 1EA Pressure Connector M5 (10-32)1 EA User's Guide PTB3301 EA	05 Nos.



Dr. Sarfaraz
 Chief Meteorologist
 Pakistan Meteorological Department
 Karachi

T/E No. IP-2(3)/P. S. Paper/613/2024-25

Due open on 16-10-2024 at 1130 PST

Item No.6 : SPECIFICATION OF PHOTO STAT PAPERS.

Description of Stores	Quantity
<p><u>Photo Stat Papers</u> of extra white quality (Local, Branded)</p> <p>Packed in ream of 500 sheets according to below mentioned specification: Size: A4 (210mm X 297mm) Weight: Not less than 80GSM.</p>	300 Reams

- Note:**
- 05 Sheets of A4 Size Photo Stat Papers must be enclosed with the quotation for testing purpose.
(Sample Required)
 - Brand name must be mentioned.

Dr. Sarfaraz
Chief Meteorologist
Pakistan Meteorological Department
Karachi

INSTRURCTIONS TO BIDDERS / TERMS AND CONDITIONS

**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:**
 - The bid shall comprise **two separate envelopes**: Each envelope shall contain separately the financial proposal and technical proposal.
 - The envelop shall be marked as "**FINANCIAL PROPOSAL**" and "**TECHNICAL PROPOSAL**" in bold and legible letters to avoid confusion.
 - Initially, only the envelop marked "**TECHNICAL PROPOSAL**" shall be opened.
 - The envelop marked as "**FINANCIAL PROPOSAL**" shall be retained in the custody of PMD, Karachi without being opened.
 - The **Technical Proposal** shall contain the following:
 - (i) Detailed Specification on company's letter head with sign and stamp.
 - (ii) Certificates of GST, NTN, ATL, Affidavit that Company is not black listed and CNIC of the owner.
 - (iii) Photocopy of 2% earnest money pay order.
 - (iv) Terms and conditions of Tender signed and stamped by the company.
 - (v) Brochure/ Literature of Items (if necessary)
 - (v) Technical Brochures of quoted items.
 - The **Financial Proposal** shall contain the following:
 - (i) Price Proposal / Quotation on original letter head including all taxes.
 - (ii) Earnest Money Pay Order (Original).
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 October 16, 2024 on or before 1100PST and will be opened on the same date at 1130PST in the presence of available bidders.
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)/2024-25/2**".
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:

- The firm / supplier must be registered with GST/ Income Tax Department.
- The firm / supplier must be included in Active Taxpayer List.
- The firm / supplier must not be black listed by procuring agency / Govt. Office.
- During the technical evaluation no amendments in the technical proposal shall be permitted.
- Technical Evaluation will be done on the basis of detailed specification / sample provided. Any offer/ sample not meeting the standard shall be rejected
- 2% Earnest money must be deposited in the form of Pay order/ Bank Draft.
- 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 un-opened 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 Tenderer / Firm is required to submit pay order of 3% 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 two months 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.

Dr. Sarfaraz
Chief Meteorologist
Pakistan Meteorological Department
Karachi



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 even t 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: _____



(DR. SARFARAZ)
Chief Meteorologist
for Director General
Pakistan Meteorological Department

Dr. Sarfaraz
Chief Meteorologist
Pakistan Meteorological Department
Karachi