



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

INVITATION TO BID

Pakistan Meteorological Department, Met. H.Q's Camp Office Karachi a Scientific and Service providing Department invites sealed bids from the original manufacturers /authorized distributors /suppliers/Contractors etc., registered with Income Tax and Sales Tax Departments for supply of following :

SECTION-II: SUPPLY ON F.O.B./C.I.P BASIS

- 1) Met. Balloons (30gm & 100gm)
- 2) Met. Instruments (Different types)
- 3) Met. Thermometers (Minimum)

2. Bidding documents, containing detailed terms and conditions, method of procurement, procedure for submission of bids, bid security, bid validity, opening of bid, evaluation criteria, clarification / rejection of bids, performance guarantee etc. are available for the interested bidders at www.ppra.org.pk or www.pmd.gov.pk Bidding documents can also be downloaded **free of cost**.

The bids, prepared in accordance with the instructions in the bidding documents, must reach at Indent and Purchase Section, Met. Headquarter's Camp Office, Met. Complex, University Road, Karachi. . Bids will be opened the same day on **15-09-2021** Closing at 11:00 a.m.

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



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

TENDER NOTICE NO. 1 (2021-22)

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

S. No.	Description of items	Quantity	Dates & time
SECTION-I: Items to be purchased on F.O.R. Karachi Basis			
01.	Workshop Materials	Different items	02-09-2021 <i>Closing at 11:00 a.m.</i> Opening at 11:30 a.m.
02.	Brass Rods & Pipes	Different types	
03.	Paint & Misc. Items	Different types	
04.	Wood	Different types	
05.	Carpentry Items	Different types	
06.	Branded Computers	08Nos.	
07.	Computer Server (Branded)	01No.	
08.	Up-gradation of SADIS Software	01No.	
09.	Inverter Air conditioner (i) 2 tons with installation. (ii) 1.5tons with installation.	01 No. 02Nos.	
10.	Dry Batteries (Maintenance Free) Dry, Gel	20 Nos.	
11.	Solar System with accessories	Diff	
12.	Digital Automatic Telescope for moon sighting	01No.	
13.	Computer Continuous Sheets (80 Columns)	120 Boxes	
14.	Office Stationery	Different types	
15.	Toner for different Photocopiers	Different types	
SECTION-II: Items to be purchased on F.O.B or C.I.P basis (By opening L/C)			
01	i) Met. Balloons (30Gms.)	4,000 Nos.	15-09-2021 <i>Closing at 11:00 a.m.</i> Opening at 11:30 a.m.
	ii) Met. Balloons (100Gms.)	3,000 Nos.	
02	i) Vaisala HMT 330 or Equivalent Humidity and Temperature Probe	03 Sets	
	ii) Vaisala PTB 330 with display or Equivalent Digital Barometer	03 Sets.	
	iii) Vaisala PTU301 or Equivalent. Pressure, Humidity and Temperature Transmitter	01Set	
03.	Meteorological Thermometers "U.K made" or Equivalent	50Nos.	

Terms and conditions:

1. Separate tender for each item under sealed cover clearly written the name of item on the envelope should be reached this office on or before the above mentioned date up to **11:00 PST** & will be opened on the same date at **11:30 PST**.
2. Department reserves the right to accept or reject any items or all tender as per PPRA rules.
3. The tender must accompanied with a Pay Order of 2% earnest money including all taxes (refundable) in favour of **Director General, Pakistan Meteorological Service, Karachi**.
4. PMD, Karachi will follow the PPRA rule of single stage two envelope procedure
5. Tender documents (Free of cost) can be downloaded from websites: www.ppra.org.pk or www.pmd.gov.pk

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SECTION-II

FOR SUPPLY ON F.O.B BASIS

DETAILED SPECIFICATION

ITEM NO. 1: SPECIFICATION OF METEOROLOGICAL BALLOONS (on F.O.B basis).

S. No.	Description of Stores	Quantity
01.	<p><u>METEOROLOGICAL BALLOONS 30Gms.</u></p> <ol style="list-style-type: none"> 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.	<p><u>METEOROLOGICAL BALLOONS 100Gms.</u></p> <ol style="list-style-type: none"> 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. : 6 Kms. 	3,000 Nos.

Note: China made instruments must be quoted in CNY other currencies will not be accepted.

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:-

1. The balloons should be thoroughly dry dusted inside and outside with fresh chalk/any Dehydrating powder.
2. 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.
3. The wrapping should be marked:-
 - a) Weight. b) Maker's name and brand. c) Co lour d) Date of manufacture.
4. 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.
5. 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:

1. Tenders are required to offer their rates in CNY if the Balloons are China made.
2. Tenderers are required to indicate maker's name and its complete address and country of origin in their offer.
3. Tenderers are required to clearly mention brand name of the balloon & submit original technical literature/leaflet of the offered store.
4. **Tenderers are also required to submit 05 Nos. balloons separately for each type as sample in the office of the Chief Meteorologist, Met. Headquarters, Camp Office, Karachi before opening of the tender.**
5. Tenders are required to confirm the balloons shall not be more than 6 months old when supplied to consignee.
6. Tenderers are required to confirm that the supplied balloons shall retain their performance under normal storage condition tropics for a minimum period of 12 months from the date of stiches by consignee.
7. Tenderers are required to confirm categorically T/E specification packing and marking requirements in all respect.
8. Tenderers are required to confirm that they will replace the supplied stores free of cost if found defective on use during shelf-life period.
9. Tenderers are required to confirm satisfactory performance of balloons offered at the required flying height.
10. Tenderers are required to submit original Performa invoice of their principal/manufacturer containing detailed technical specification of the offered store.

Item No. 2 SPECIFICATION OF DIFFERET MET. INSTRUMENTS (On F.O.B. BASIS/CIP BASIS).

S. No.	Description of Stores	Quantity
01	<p>Vaisala HMT 330 or Equivalent (Data logger module included, 4years data archiving supported) Premium Humidity and Temperature Transmitter with metal enclosure HMT337 for high humidity --- 1EA Probe (2m,Semi-assembly) +180C, 2m --- 1EA Cod RH+T+Td+a+Tw+x+h+pws --- 1EA Display Cover --- 1EA Standard (24 VDC) --- 1EA Analog Output 4.....20mA --- 1EA Channel 1 RH 0.....100%RH --- 1EA Channel 2 T (Temperature Range) --- 1EA Temperature Range T -40..... +80°C (-40..... +176F) --- 1EA Metric Units --- 1EA Data Logger Module --- 1EA Cable Gland, Metal, EMC M20x1.5/6mm,8.0 – 11.0mm, Ms/Ni/TPE/NBR --- 1EA HUMICAP180R General purpose and high chemical concentrations --- 1EA SST Sintered filter --- 1EA User Guide of the System (HMT330 or Equivalent) --- 1EA USB Service Cable, RJ45 --- 1EA ISO9001 Complaint Factory Calibration --- 1EA No. Calibration contract 226252 Wall Mounting Kit with Probe Holder --- 1EA 215109 Outdoor installation Kit (weather shield) --- 1EA 219916 Software Interface kit with USB- RJ45 Cable --- 1EA</p>	03 Sets.
02	<p>Vaisala Digital Barometer PTB330 with Display OR Equivalent A1AAHAACEB0A0B Digital Barometer --- 1EA 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 -----1EA Barbed fitting 1/8", one barometer module or differential measurement -----1EA Pressure Connector M5 (10-32)1 EA User's Guide PTB3301 EA</p>	03 Sets.
03.	<p>Vaisala PTU 301 OR Equivalent Pressure, Humidity and Temperature Transmitter To be installed in Wooden Stevenson Screen outdoor with all the installation accessories with selectable display. (i) Pressure = 500hpa to 1100hpa (class B accuracy) All pressure (QNH, QFE etc. to be calculated and displayed) (ii) RH = 0 to 100% T = - 40°C to 60°C Composite sensor with complete holder /accessories to be mounted in Stevenson Screen. The probe should be preconfigured with display system and already cabling done along with circular connector male/female connectors with sensors and display unit. (iii) Dew point to be calculated and displayed.</p>	01Set

Continued on next page

<p>03.</p>	<p>Vaisala PTU 301 OR Equivalent Pressure, Humidity and Temperature Transmitter</p> <p><u>1. WALL MOUNT</u> To be installed in Wooden Stevenson Screen outdoor with all the installation accessories with selectable display.</p> <p><u>2. SENSOR TYPE:</u></p> <p>(i) Pressure = 500hpa to 1100hpa (class B accuracy) All pressure (QNH, QFE etc. to be calculated and displayed)</p> <p>(ii) RH = 0 to 100% T = - 40°C to 60°C</p> <p>Composite sensor with complete holder /accessories to be mounted in Stevenson Screen. The probe should be preconfigured with display system and already cabling done along with circular connector male/female connectors with sensors and display unit.</p> <p>(iii) Dew point to be calculated and displayed.</p> <p>3. All the cables are required.</p> <p>4. Power Supply: 20 to 35VDC with already mounted circular power connectors (male/female)</p> <p>5. Logging: The display system should have internal SD memory slot for up to 2years internal storage. The SD slot should be provided in such a way the whole mount may not be opened i.e. SD slot should be mounted to extract data without opening the whole mounting. 8GB pre-installed SD Card should be provided.</p> <p>6. Software: (a) Viewer (M170) (b) Wireless view/archive software</p> <p>(a) the system should have USB port for connection with pc via m170 software for view of data. (b) The complete system should be wireless available via pre configured access point in the observatory's P.C wireless.</p> <p>The wireless P.C based software is also required to view and save the data.</p> <p>(i) Wireless module for PTU 301 (ii) Access point for long distance reception. (iii) Software for PC to receive data and save data.</p> <p>7. Any other peripheral deemed necessary may be included.</p>	<p>01Set</p>
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Item No. 3 SPECIFICATION OF MET. THERMOMETERS-MINIMUM (On F.O.B. BASIS/CIP BASIS).

S. No.	Description of Stores	Quantity
01	Meteorological Thermometers “U.K made” or Equivalent Solid stem minimum screen thermometer with wooden back, sprit filled. - 35°C to + 40°C, Division: 0.5°C Dimension: 350mm X 85mm X 28mm Accuracy: ± 0.2 Weight: 325 Grams.	50Nos.

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

TERMS & CONDITIONS (F.O.B/CIP)

(All pages (Form of Quotations & Terms & Conditions) are mandatory to be signed /stamped, failing which the bid may be rejected.)

- 1) **Delivery of Store:** Stores is required on F.O.B. basis.
- 2) **Terms & Conditions:** Tenderers are invited to submit their tenders for the supply of goods as per schedule given. Tenderers should submit tender strictly in accordance with the terms and conditions.

Bidding Procedure: **Single-stage two envelopes** i.e. **Technical and Financial.**
The bid submitted by the bidder shall comprise of two envelopes submitted Simultaneously, one containing only the **Technical Proposal** and the other one **Financial Proposal.**
 - **Technical Proposal:** Must contain **Original Proforma Invoice** from their Principal showing complete specification of the quoted item, copy of CNIC of the Proprietor or Managing Director, copies of NTN and GST certificates, copy of the 2% earnest money in favour of Director General, Meteorological Services, Karachi and all other desired documents.
 - **Financial Proposal:** Must contain Price proposal/**ORIGINAL PROFORMA INVOICE** on Principal's letterhead , Original Payorder of 2% earnest money in favour of Director General, Meteorological Services, Karachi and other below mentioned desired documents.
- 3) **SPECIAL INSTRUCTIONS:**
 - a) **Validity:** Offer should be valid for 90 days from the date of opening of tender.
 - b) **Earnest Money:** Tenderers should furnish Earnest Money @ 2% of quoted price in the shape of Pay Order/Bank Draft only from scheduled Bank in favour of Director General, Meteorological Services, failing which offer will not be entertained. Insufficient Earnest Money will not be acceptable. Earnest Money of the successful bidder will be converted into Security Deposit and the successful bidder will further be required to deposit 3% of the balance of the total value of the Contract placed with him/them as Security Deposit within 5 working days of the date of issue of Contract. In case of non-deposit of balance Security Deposit it will be concluded that the successful bidder has failed to honor the contract and will be liable to further proceeding as a defaulter.
 - c) **Successful bidders are required to pay an amount equivalent to 0.35%** of the total contract value including all taxes to the treasury office of Government of Sindh under Article 15 (a) of Stamp Act, 1899 or required to submit STAMP PAPER of the same value to this office for the issuance of contract.
 - d) Tenderers should indicate their Income Tax Number/ G.S.T. No. and National Tax Number. (Copies must be enclosed).
 - e) Tenderer should mentioned the Manufacturer's Name, Brand and Country of Origin in their offer.
 - f) Change of Suppliers/Maker's Name, Country of Origin or any of the conditions the quotation will not be allowed and accepted subsequent to the opening of the tender or even after placement of contract unless asked for by the purchaser.
 - g) Tenderer must confirm in their offer that the packing offered is strong enough to withstand transportation by sea, Air, Rail and Road and also the usual transportation handling if required for such store.
 - h) FOB by Sea quotation should be given on FOB Port of Dispatch basis taking into account that port of dispatch quoted in the tender is appropriate for Sea Cargo only to be lifted by PNSC Vessels.
 - i) Payment of the freight charges is made at actual in non-convertible Pak. Currency to Pakistan National Shipping Corporation by the Distt. Controller of Stores (Shipping), Pakistan Railways, Karachi Cantt.

- j) Shipment of Government consignment are restricted to Pakistan National Shipping Corporation or their chartered Vessels. Supplier must give one month prior intimation to the Agent of the Pakistan National Shipping Corporation.
- k) Tenderers are required to confirm tender enquiry specification in all respects and furnish photocopy of N.T. Certificate and Sales Tax Registration Certificate alongwith offer.
- l) The quantity may be increased or decreased at the Buyer's option.
- m) Tenderers should note that if the stores inspected and released by the Inspection Authority Officer, are rejected by either the consignee or the actual consumer /user and on re-inspection of same by the Inspection Authority, it is concluded that the rejection is justified, the terms and conditions of contract applicable. The decision of the Inspection Authority regarding such rejection will be final.
- n) Tenderers are required to submit genuine offers after fulfilling the requirements of the Tender Enquiry. In case of fake offer or where the offer contains willful mis-representation, the same will be considered gross mis-conduct and fraud, which will lead not only ignoring of the offer but may also lead to black listing /forfeiture of Earnest Money.
- o) The Department reserves the right to accept or reject part or whole of any or all tenders and also reserves the right to waive any of the clause in the public interest as per PPRA Rule.

4) **THE FOLLOWING DOCUMENTS SHOULD BE ENCLOSED WITH THE TENDER.**

- i) Photo copies of their valid Registration Certificate of this Department if the firm is registered, **National Identity Card** of the Proprietor or Managing Director and National Income Tax Registration Certificate Number.
- ii) Tenderers should furnish a certificate in original from their Principals in F.O.B. cases that the prices quoted are nominal in the with their normal export prices for such stores and that the quoted prices compare favorably with international Import and Market prices from such stores.
- iii) Tenderers should necessarily furnish original **PROFORMA INVOICE** from their principal.
- iv) **VALIDITY OF OFFER:**

Offer should be valid for acceptance for 90 days from the date of opening of the tender. In sufficient validity may lead to tender being ignored except in case were validity is otherwise specified.
- v) Tenderers shall quote their minimum guaranteed delivery/shipment period without any ambiguity. Offer on the basis of vague, undersigned or unconfirmed delivery period will lead to tender being ignored.
- vi) Any tender not in accordance with the tender enquiry requirements/specifications and Incomplete in any respect will lead to tender being ignored.

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Phone: 021-99261425