

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



(Bidding Documents)

F. No.RD-2(3)/Tender/2019-20

SUPPLY ON FOR BASIS

- 1) C.C.T.V. SYSTEM
- 2) FURNITURE FIXTURE
- 3) COPUTER HARDWARE
- 4) COMPUTER SOFTWARE
- 5) I.T.EQUIPMENT
- 6) MACHINERY AND EQUIPMENTS

F.O.R. Terms & Conditions

2019- 2020

CHIEF METEOROLOGIST
(PROJECT DIRECTOR)
PAKISTAN METEOROLOGICAL DEPARTMENT
Meteorological Complex, University Road, Karachi
Phone No. 021-99261406
Fax No. 021-99261405

Tender Notice

**PAKISTAN METEOROLOGICAL DEPARTMENT
(MET. HEADQUARTERS' CAMP OFFICE)
Weather Surveillance Radar
MET. COMPLEX, UNIVERSITY ROAD, KARACHI**

TENDER NOTICE NO. 1 (2019-20)

Pakistan Meteorological Department, Karachi invites sealed quotations (**single stage two envelopes**) 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: Items to be purchased on F.O.R. Karachi Basis			
01.	CCTV Security System with installation	Complete system	27-12-2019 Closing at 11:00 a.m. Opening (Technical Offers) at 11:30 a.m.
02.	Furniture & Fixture	Different	
03.	(i) Computers	06Nos.	
	(ii)Laptop	02Nos.	
04.	Computer Software	Different types	
05.	Computer I.T. Equipment	Different types	
06.	Solar Inverter	07 Nos.	
07.	Airconditioners	08Nos.	
08.	Digitizer and Data Communication Module	02Nos.	

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 Services, Karachi**.
- 4). Tender documents (Free of cost) can be downloaded from websites: www.ppra.org.pk or www.pmd.gov.pk

(SARFARAZ)
Chief Meteorologist
Project Director
for Director General
Ph.# 021 99261406

FOR SUPPLY ON FOR BASIS

T/E No.RD-2(3)/CCTV SYS./101/2019-20

Due open on 27-12-2019 at 11:30 PST

Item No. 01: SPECIFICATION OF C.C.T.V SYSTEM WITH INSTALLATION.

S. No.	Description	Quantity
1	2MP IR Bullet Camera, Up to 1920X1080@30fps, S+265,H.265, H.264 HP/MP/BP, S+H.264 HP/MP/BP, M-JPEG, Min. Illumination Color: 0.05 Lux, B/W: 0.01Lux,0Lux with IR, Smart IR, IR Range: 50m, Operating Conditions-35 (IR ON), 0~95%RHG, POE, IP67. Brand: TIANDY, HYUNDAI or Equivalent	20 Nos.
2	2MP Starlight IR Bullet Camera • Up to 1920X1080@30fps• Cable Free Design• H.264/M-JPEG Codec• Min. Illumination Color: 0.5 Lux,B/W: 0.25Lux,0 Lux with IR• Smart IR, IR Range: 50m• VCA Tripwire/Perimeter• In°Cterface°CMicroSD Card Slot, up°Cto 128°CGB, Reset Button• TVS 6000V, Lightning/Surge Protection: (Power 2000V, RJ45 1000V), IP67• Operating Conditions -35 ~60 (IR OFF) /-35 ~40 (IRON), 0~95% RHG• Case Material Metal • CE, FCC Brand: TIANDY, HYUNDAI or Equivalent	12 Nos.
3	PTZ Camera. 1/2.8" Sony Starlight sensor, 960P@25/30fps IR distance 150meters; Spe-ed 0.05°~400°/s, SDHC card(64GB) TVS 6000V protection; IP66 waterproof Alarm 1/1, Audio 1/1, Micro SD, Low Illumination: 0.002Lux 44xOptical/16x Digital Brand: TIANDY, HYUNDAI or Equivalent	4 Nos.
4	20 Channel H. 265 Standard NVR. 20ch 4K/6MP/5MP/4MP/3MP/1080P/720P/4CIF IP Camera Input; 1ch 4K/6MP/5MP/4MP, 2ch 3MP, 4ch 1080P, 5ch 720P/4CIF Realtime Display; 1ch 4K/6MP/5MP/4M P, 2ch 3MP, 8ch 1080P/720P/4CIF Sync playback; Support IVA function, 1SATA, 1HDMI&VGA, 2USB. Brand: TIANDY, HYUNDAI or Equivalent	2 Nos.
5	6.0 TB Surveillance H.D.D Brand: SEAGATE or Equivalent	4 Nos.
6	Supply of Power Supply & RJ45 Connectors with Boxes	32 Nos.
7	Providing & Laying of Network Cable, Rack for NVR, Switches & Installation Charges (22000 Feet) Brand: PONY or Equivalent	1 Job.
8	Providing & Laying of Fiber optic 6 Core Cable (10000 Feet) Brand: PONY or Equivalent	1 Job.
9	Providing & Laying of Power Cable (7000 Feet) Brand: PONY or Equivalent	1 Job.
10	Supply of Media Convertor Brand: PROLENS or Equivalent	6 Pairs
11	Splicing Charges	1 Job.
12	Civil Work which include soft & Hard digging (Approx 6000 Ft)	1 Job.
13	Supply of 32" LED Brand: ECOSTAR/ORIENT or Equivalent	4 Nos.
14	Supply of 20ft Pole	4 Nos.
15	Supply of HDMI (5 Meter)	2 Nos.
16	Supply of Wireless Mouse	2 Nos.
17	Supply of PDU	2 Nos.
18	Supply of 42U Rack	1 Nos.
19	Supply of 1.5 Ton AC	2 Nos.
20	Supply of 3KVA Online UPS with Batteries Brand: Emerson or Equivalent	1 Nos.
21	Installation, Commissioning & Programming Charges	1 Job.
22	AMC for 2 years After Warranty	24 Nos.

T/E No.RD-2(3)/Furniture/102/2019-20

Due open on 27-12-2019 at 11:30 PST

Item No. 02: SPECIFICATION OF FURNITURE & FIXTURES.

S. No	Description	Quantity
1	Racetrack/oval conference tables Size: approximately 192 inches wide and 58 inches deep Seating Capacity: 18-20 Base: slap or panel Material: Laminates The offered table should be strong, durable, easy to care for and don't fade.	1No.
2	Executive Office Chair Dimensions: 47"H x 27.25"W x 19"D	3 Nos.
3	Conference Chair Dimensions: 24.75" W x 27.75" D x 38.5-42.25" H Seat Dimensions: 20" W x 19.25" D x 18.75-22.5" H Back Dimensions: 20" W x 25" H	20 Nos.
4	Officers Table Dimensions: 58" W X 46" D	4 Nos.
5	Revolving Officers Chairs Measures 25.2 inches deep by 24 inches wide by 35.6 to 40.3 inches high	4 Nos.
6	Computer Tables Approximately 46 inches wide, 22 inches deep and 30 inches height	10 Nos.
7	Revolving Computer Chair	10 Nos.
8	Wooden Office Almirah	4 Nos.
9	Carpet Size : 19'-4" X 30'	01 No.
10	Window Roller Blinds Size: 8'-10" X 5'-5"	03 Nos.

Note :- Pictures of the above items are shown on the next pages

No.1 Racetrack/oval conference tables

Size: approximately 192 inches wide and 58 inches deep

Seating Capacity: 18-20

Base: slap or panel

Material: Laminates

The offered table should be strong, durable, easy to care for and don't fade.



No. 2 Executive Office Chair

Dimensions:47"H x 27.25"W x 19"D



No. 3 Conference Chair

Specs

Dimensions: 24.75" W x 27.75" D x 38.5-42.25" H

Seat Dimensions: 20" Wx19.25" Dx18.75-22.5" H

Back Dimensions: 20" Wx25" H

Weight: 44 lbs.



No. 4 Officers Tables

Size : approximately 58 inches wide and 46 inches deep

Material : Laminates

Should have at least three drawers

The offered table should be strong, durable, easy to care for and don't fade



No.5 Officers Revolving Chairs

Measures Approximately 25.2 inches deep by 24 inches wide by 35.6 to 40.3 inches high



No. 6 Computer Table

Approximately 46 inches wide, 22 inches deep and 30 inches height



No. 7 Revolving Computer Chair

Measures 25.2 inches deep by 24 inches wide by 35.6 to 40.3 inches high

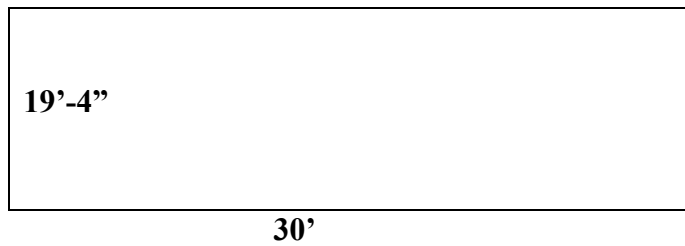


S.NO. 8 Wooden Office Almirah

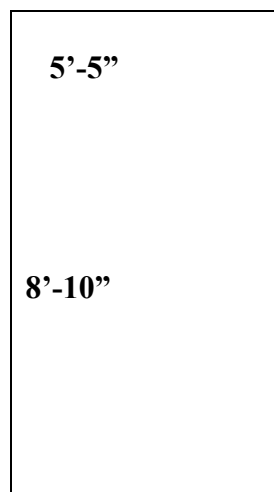
Approximately 39 inches wide, 18 inches deep and 78 inches height



S. No. 9 Carpet



S. No. 10 Window Roller Blinds



T/E No. RD-2(3)/Compt./103/2019-20

Due open on 27-12-2019 at 11:30 PST

Item No. 03: SPECIFICATION OF COMPUTER AND LAPTOP.

S. No.	Description of Store	Quantity
1	Core i7 7700 (7th Gen) Desktop - 4GB Ram - 2TB SATA Hard Drive - Intel HD Graphics - DVDRW - Keyboard - Mouse – LED Monitor-19” Brand: Dell /HP or equivalent Warranty : must be sufficient at least 1 year	6Nos.
2	Core i7 (8th Gen) Laptop - 8GB RAM -- 1TB HDD - 4GB Nvidia MX150 GDDR5 Brand : Dell /HP or equivalent Warranty : must be sufficient at least 1 year	2Nos.

T/E No. RD-2(3)/Software/104/2019-20

Due open on 27-12-2019 at 11:30 PST

Item No. 04: SPECIFICATION OF COMPUTER SOFTWARE.

S. Nos.	Description of store	Quantity
1	Windows 10 Pro	25Nos.
2	Norton Security Standard Premium 10 Users	3Nos.
3	Golden Software Surfer 12	1No.
4	ArcGis Basic	1No.
5	Handy Library Manager 2.9	1No.

Note: All softwares should be original with license key

T/E No. RD-2(3)/I.T./405/2019-20

Due open on 27-12-2019 at 11:30 PST

Item No. 05: SPECIFICATION OF I.T.EQUIPMENT

S. No.	Description of store	Quantity
1	HP Laser Jet Pro M553DN Enterprise Color Printer	1No.
2	Projector (Panasonic PT-LB385 3800 Lumens XGA HDMI USB	1No.
3	Samsung NU8000 65 inch Ultra HD Flat 4K Smart TV (Series 8)	2Nos.
4	Portable Drive (Western Digital My Passport 4TB)	6Nos.

T/E No. RD-2(3)/Solar/106/2019-20

Due open on 27-12-2019 at 11:30 PST

Item No. 06: SPECIFICATION OF SOLAR INVERTERS.

S. Nos.	Description of store	Quantity
1.	3KVA Solar Inverter: (Inverex or Equivalent) Supported with 24V DC System, Compatible to Main Voltage 220 Volts and Generator, Configurable AC/SOLAR Charger priority Via LCD setting.	03Nos.
	Batteries: 200AH-24V Gel, deep cycle , maintenance free batteries	06Nos.
	Solar Panels: 150Watts mono crystalline Solar Panels *Outdoor mounting frame for One solar panels with nut & bolts. 2 core (6mm each) battery wire (50meters)	12Nos.
2.	1 KVA Solar Inverter: (Inverex or Equivalent) Supported with 12V DC System, Compatible to Main Voltage 220 Volts and Generator, Configurable AC/SOLAR Charger priority Via LCD setting.-	04Nos.
	Batteries: 100AH-12V Gel, deep cycle , maintenance free batteries	04Nos.
	Solar Panels: 150Watts mono crystalline Solar Panels *Outdoor mounting frame for One solar panels with nut & bolts. 2 core (6mm each) battery wire (50meters)	08Nos.

T/E No. RD-2(3)/A.C/107/2019-20

Due open on 27-12-2019 at 11:30 PST

Item No. 07: SPECIFICATION OF AIRCONDITIONERS.

S. Nos.	Name of Articles	Quantity
01.	Split Air Conditioners -2 Tons. -DC Inverter	6Nos.
02.	Floor Standing Air Conditioners -4 Tons.	2Nos.

Note: Airconditioners should be of reputable brand.

T/E No. RD-2(3)/DCM /108/2019-20 Due open on 27-12-2019 at 11:30 PST

Item No. 08. SPECIFICATION OF DIGITIZER AND DATA COMMUNIATION MODULE.

S. No.	Description of store	Quantity
1	Digitizer & Data Communication Module See Annex-2 for specification details.	2 Sets

Annex II

Smart Seismic Digitizer with Data Communication module (with all accessories)

Specification:

Primary digitization channel: 4-8 channel at 24 bits.

Trigger modes: STA/LTA triggering.

Memory storage: Dual redundant 64 GB micro SD card or above.
(1 fixed, 1 hot-swappable)

Dynamic range: > 135.5db @ 100 sps.

Communication technologies: Ethernet and POE or integrated internet sim technology.

Network Protocols: UDP/TCP/IP.

Retrieval function: Data should be recovered by http server and ftp.

GNSS system: Compact encapsulated GPS/GLONASS/BeiDou receiver or GPS antenna with 30m cable.

Power supply: 10-36V DC.

Must be Compatible Sensors: CMG-40T (CMG-T40-00390) and CMG-3T (CMG-T30-0034) Guralp seismometers sensors.

Data streaming protocol: GCF(Scream!) and GDI-link, SEEDlink, MiniSeed

Operating system: windows and Linux.

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

TERMS & CONDITIONS FOR F.O.R., KARACHI BASIS.

1. **Delivery of Stores:** Stores is required on **F.O.R** Karachi basis at C.M.S, Karachi within one month from the date of contract on free delivery to consignee basis, including all Taxes and other charges livable, if any.
2. **Terms & Conditions:** The tenderer is invited for the supply of goods as per given specification.
3. **Bidding Procedures:** **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:** Complete specification of the quoted item on the firm's letterhead with copies of NTN and GST certificates, copy of Payorder or Bank draft of 2% earnest money in favour of Director General, Meteorological Services, Karachi.
 - **Financial Proposal :** Price proposal/Quotation on the firm's letterhead, Original Payorder of 2% earnest money in favour of Director General, Meteorological Services, Karachi.
4. **SPECIAL INSTRUCTIONS:**
 - a) **Validity:** Offer should be valid for **60 days** from the date of opening of tender.
 - b) **Earnest Money:** The tenderer should accompanied by an Earnest money @ 2% of the total value of bid/offer including G.S.T (If the bid amount exceeds from Rs.100,000) in the form of Pay Order/Bank Draft only from a scheduled Bank made in favour of Director General , Meteorological Services, Karachi. The Earnest Money shall be subject to forfeiture if after opening of the tenders, a tenderer with draws his offer before the period for which his offer is valid. The offer with insufficient Earnest Money or without Earnest Money will be rejected straightaway. Separate Pay Order /Bank Draft for each tender (Serial No.) may be submitted positively.
 - c) In case of placement of contract supplier is required to pay STAMP DUTY to Government of Sindh or require to submited STAMP PAPER @0.35% of the contract value to this office under Article 15(a) of the Schedule to the Stamp Act, 1899.
 - d) Successful Tenderer / Firm is required to submit 2% Earnest Money of the total contract value including all taxes, this amount will be converted into Security Deposit, and firm will deposit the remaining 3% amount of security deposit, required other than Earnest Money amount available with Department within 5 days, time failing which the Earnest Money will be forfeited and risk purchase effected at the cost of such defaulting firm.
 - e) Tendrers should indicate their National Tax Number/ G.S.T. No. issued from concerned Regional Income Tax Department and Collectorate of Sales Tax. Copies of both certificates must be attached with offers.
 - f) Tendrers should indicate their National Tax Number/ G.S.T. No. issued from concerned Regional Income Tax Department and Collectorate of Sales Tax. Copies of both certificates must be attached with offers.
 - g) **Price quoted should be firm and final**, inclusive of all taxes, Sales Tax etc. Tenderers should note that if, during the currency of contract any Tax or Duties etc. alter or levied by the Government it would be the responsibility of the firm.
 - h) The quantity may be increased or decreased at the buyer's option.

- i) Tenderers are required to submit genuine offers after fulfilling the requirements of the Tender Enquiry. In case of fake offer or where the offer contain willful mis-representation, the same will be considered gross mis-conduct and fraud, which will lead to not only ignoring of the offer but may also led to blacklisting / forfeiture of Earnest Money.
- j) Department reserves the right to accept or reject any items or all tender according to PPRA rules.
- k) If for any reason the office remains closed on the date of opening of the tenders, the tender will be opened on the next working day at the same time and place.
- l) The firms declared as blacklisted by any Government Agency are not eligible for participation in the Tender business through this Department
- m) Late tenders i.e. tenders received after opening of tender box will neither be received nor entertained nor accepted and will be returned by hand or by mail.
- n) Country of Origin must be mentioned for each item with brand name if any. Offer will be ignored / rejected if country of origin is not mentioned.
- o) **Penalty/ Liquidated damages:** For failure to comply with delivery schedule of contract for supply / purchase order, to be issued against this tender inquiry , penalty will be imposed on defaulting firm as under:
 - i. 0.25% of the cost of entire purchase order or of such item as remains un-supplied /un-completed for every day exceeding the delivery period.
 - ii. If the item is not supplied even after payment of penalty for 10 consecutive days P.M.D reserves the right to cancel contract for supply / purchase order and to purchase required equipment from elsewhere at risk and cost of the defaulting
 - iii. The once successful bidders who are issued with the work order contract for supply / purchase order after offer and acceptance , intends to retract /retreat from the promise to supply their bid security would be forfeited and the firm would be blacklisted.

(SARFARAZ)
Chief Meteorologist
Project Director
for Director General
Pakistan Meteorological Department