

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



(Bidding Documents)

F. No. IP-2(3)/2018-19/1

SECTION-I: SUPPLY ON FOR BASIS

- 1) CHEMICALS
- 2) WORKSHOP MATERIALS/MISCELLANEOUS ITEMS
- 3) COMPUTER AND PRINTERS
- 4) MACHINERY AND EQUIPMENTS
- 5) SUPPLY & INSTALLATION OF CCTV SECURITY SYS
- 6) OFFICE STATIONERY (*Including Photo stat papers & continuous sheets*)
- 7) TONERS & RIBBONS

F.O.R. Terms & Conditions

SECTION-II: SUPPLY ON FOB/CIP BASIS

- 1) MET. BALLOONS (*Different types*)
- 2) VAISALA RS41-SG RADIOSONDE
- 3) DIGITAL BALLOON THEODOLITE
- 4) METEOROLOGICAL THERMOMETRS

F.O.B. Terms & Conditions

Chief Meteorologist
PAKISTAN METEOROLOGICAL DEPARTMENT
Meteorological Complex, University Road, Karachi
Phone No. 021-99261425
Fax No. 021-99261405

Tender Notice

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

TENDER NOTICE NO. 1 (2018-19)

Pakistan Meteorological Department, Karachi invites sealed tenders 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	Caustic Soda in flakes	4,000 Kgs.	27-12-2018 Closing at 11:00 a.m. Opening at 11:30 a.m.
02	Ferrosilicon	4,500 Kgs.	
03	Workshop Materials	Different items	
04	Brass Rods	Different types	
05	Oil Paints (ICI) or Equivalent	Different types	
06	Wood	Different types	
07	Miscellaneous items for Met. Workshop	Different types	
08	Miscellaneous items for carpentry	Different types	
09	Communication Cable (20 Pairs)	1,000 meters	
10	Branded Computers Core i5 or latest	04 Nos.	
11	i) Epson LQ-2190 Printer or Equivalent	01 No.	
	ii) HP Laser Jet Pro M102a Printer or Equivalent	05 Nos.	
12	Supply and installation of CCTV Security Surveillance system	01 No.	
13	Dry Batteries (Different types)	10 Nos.	
14	Airconditioners, DC Inverter (Split type)	06 Nos.	
15	Digital Weighing Machine (to weight upto 1000 Kgs.)	01 No.	
16	Digital Photocopier Machine	02 Nos.	
17	i) Electric Water Cooler	01 No.	
	ii) Water Dispenser	02 Nos.	
18	i) Photostat Papers (Imported, Branded), A4 Size	500 Reams	
	ii) Photostat Papers (Imported, Branded), Legal Size.	175 Reams	
19	Computer Continuous Sheets (80 Columns)	200 Boxes	
20	Office Stationery	Different types	
21	Toner for different Photocopiers	Different types	
22	Printer Toner , Cartridges and Ribbons	Different types	
SECTION-II: Items to be purchased on FOB or CIP basis (By opening L/C)			
01	i) Met. Balloons (30 Gms.)	10,000 Nos.	14-01-2019 Closing at 11:00 a.m. Opening at 11:30 a.m.
	ii) Met. Balloons (100 Gms.)	8,000 Nos.	
	iii) Met. Balloons (200 Gms.)	150 Nos.	
02	Vaisala Radiosonde RS41-SG Transmitters (CIP basis)	60 Nos.	
03	TAMAYA Digital Balloon Theodolite or Equivalent	01 Set.	
04	Meteorological Thermometers "U.K made" or Equivalent	155 Nos.	

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). Tender documents (Free of cost) can be downloaded from websites: www.ppra.org.pk or www.pmd.gov.pk

--Sd--
(DR. MUHAMMAD HANIF)
 Chief Meteorologist
 for Director General
 Ph.# 021 99261425

SECTION-I

FOR SUPPLY ON FOR BASIS

T/E No. IP-2(3)/C.S/459/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 01: SPECIFICATION OF CAUSTIC SODA IN FLAKES.

Description of Stores	Quantity
<p>Caustic Soda in flakes as 94% to 99% purity.</p> <p>Packing: Packed in metallic drum or Plastic drum containing 25Kgs. (excluding the weight of packing material). Packing must be suitable for Railway transportation.</p> <p>Note: a) 5Kgs. of Caustic Soda is required with quotation (Technical Proposal) for testing purpose.</p> <p>b) If, Tax/Duties already paid at the time of import, EXEMPTION CERTIFICATE from FBR must be attached, undertaking from supplier will not be accepted.</p>	4,000Kgs.

FORM OF QUOTATION FOR THE SUPPLY OF "CAUSTIC SODA".

Item No. 01

File# IP-2(3)/C.S/459/2018-19

Item No.	Technical Specifications	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty	Total Price (Rs.)
01	<p>Caustic Soda in flakes with 94% to 99% purity.</p> <p>Note: <i>Caustic Soda must provide desired Hydrogen Gas pressure on mixing with water and Ferrosilicon this Gas is used to fill in Met. Balloons.</i></p> <p>Packing: Packed in metallic drum or Plastic drum containing 25Kgs. (excluding the weight of packing material). Packing must be suitable for Railway transportation.</p>			4,000Kgs.	

T/E No. IP-2(3)/Ferro/460/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 02: SPECIFICATION OF FERROSILICON.

Description of Stores	Quantity
<p>Ferrosilicon Granular form (Silicon content 73% to 75%)</p> <p>Size: 0.25mm to 1mm (As per sample)</p> <p>Typical Analysis: Standard 75%</p> <p>Packing: Must be double packed in plastic bags containing 25Kgs. of ferrosilicon suitable for Railway transportation.</p> <p>Note: a) 5Kgs. of Ferrosilicon is required with quotation (Technical Proposal) for testing purpose.</p> <p>b) If, Tax/Duties already paid at the time of import, an EXEMPTION CERTIFICATE from FBR must be attached, undertaking from supplier will not be accepted.</p>	4,500Kgs.

FORM OF QUOTATION FOR THE SUPPLY OF "FERROSILICON".

Item No. 02

File# IP-2(3)/Ferro/460/2018-19

<i>Technical Specifications</i>	<i>Unit Price (Rs.)</i>	<i>General Sales Tax (Rs.)</i>	<i>Qty</i>	<i>Total Price (Rs.)</i>
<p>Ferrosilicon Granular form (Silicon content 73% to 75%)</p> <p>Size: 0.25mm to 1mm (As per sample)</p> <p>Typical Analysis: Standard 75%</p> <p>Packing: Must be double packed in plastic bags containing 25 Kgs. of ferrosilicon suitable for Railway transportation..</p> <p>Note: <i>Ferrosilicon must provide desired pressure of Hydrogen Gas on mixing with Caustic Soda and water, this Gas is used to fill in Met. Balloons.</i></p>			4,500Kgs.	

T/E No. IP-2(3)/WS Material/461/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 03: SPECIFICATION OF WORKSHOP MATERIALS.

S. Nos.	Name of Articles	Origen	Quantity
1	Angle Iron size 1/4" x 1½" x 1½"	Local	500Kgs.
2	M.S. Flat Iron 1/4" x 1"	Local	500Kgs.
3	Bearing Precision No.626	Imported	50 Nos.
4	Crystal Plastic Sheet 2mm size 4' x 8'	Local	02 Nos.
5	Iron Garders size 4" X 6" X 22 feet length	Local	04 Nos.
6	Iron Garders size 4" X 6" X 13 feet length	Local	05 Nos.
7	Switch Stator (6.9 AMP 1.8 K. Watt)	Local	01 No.
8	Saw Blade size 17½ feet	Local	01 No.
9	Hand Wise 4"	Local	06 Nos.
10	Hand Wise 5"	Local	06 Nos.
11	Wood Coal	Local	300 Kgs.

FORM OF QUOTATION FOR THE SUPPLY OF "WORKSHOPMATERIALS".

Item No. 03

File # IP-2(3)/WS Material/461/2018-19

S. No.	Technical Specifications	Origen	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty	Total Price (Rs.)
1	Angle Iron size 1/4" x 1½" x 1½"				500Kgs.	
2	M.S. Flat Iron 1/4" x 1"				500Kgs.	
3	Bearing Precision No.626				50 Nos.	
4	Crystal Plastic sheet 2mm size 4' x 8'				02 Nos.	
5	Iron Garders size 4" X 6" X 22 feet length				04 Nos.	
6	Iron Garders size 4" X 6" X 13 feet length				05 Nos.	
7	Switch Stator (6.9 AMP 1.8 K. Watt)				01 No.	
8	Saw Blade size 17½ feet				01 No.	
9	Hand Wise 4"				06 Nos.	
10	Hand Wise 5"				06 Nos.	
11	Wood Coal				300 Kgs.	

T/E No. IP-2(3)/Brass Rods/462/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 04: SPECIFICATION OF BRASS RODS

S. No.	Name of Articles	Made in	Quantity
1	Brass Round Pipe dia 7/8" Bore 5/8"	Imported	50Kgs.
2	Brass Round Rod dia 3/4"	Imported	50Kgs.
3	Brass Round Pipe 3/4"	Imported	20Kgs.
4	Brass Hexogonal Rod dia 1 1/4"	Imported	50Kgs.
5	Brass Hexogonal Rod dia 1/4"	Imported	30Kgs.
6	Brass Hexogonal Rod dia 7/8"	Imported	50Kgs.
7	Brass Scrape (Hard)	Local	500Kgs.
8	Brass Round Rod Dia 1/2"	Imported	25Kgs.
9	Brass Round Rod Dia 2"	Imported	100Kgs.

FORM OF QUOTATION FOR THE SUPPLY OF "BRASS RODS".

Item No. 04

File# IP-2(3)/Brass Rods/462/2018-19

S. No.	Technical Specifications	Origen	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
1	Brass Round Pipe dia 7/8" Bore 5/8"				50Kgs.	
2	Brass Round Rod dia 3/4"				50Kgs.	
3	Brass Round Pipe 3/4"				20Kgs.	
4	Brass Hexogonal Rod dia 1 1/4"				50Kgs.	
5	Brass Hexogonal Rod dia 1/4"				30Kgs.	
6	Brass Hexogonal Rod dia 7/8"				50Kgs.	
7	Brass Scrape (Hard)				500Kgs.	
8	Brass Round Rod Dia 1/2"				25Kgs.	
9	Brass Round Rod Dia 2"				100Kgs.	

T/E No. IP-2(3)/Paint/463/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 05: SPECIFICATION OF PAINTS.

S. Nos.	Specification of Store	Brand	Quantity
1.	Gray Metlic Paint	ICI	05 Quarter
2.	Red Oil Paint	ICI	03 Buckets
3.	Golden Brown Paint	ICI	03 Buckets
4.	Black Oil Paint	ICI	03 Buckets
5.	White Oil Paint	ICI	05 Buckets
6.	Kerosene Oil	Local	100 Liters

FORM OF QUOTATION FOR THE SUPPLY OF "OIL PAINTS".

Item No. 05

File# IP-2(3)/Paint/463/2018-19

S. No.	Technical Specifications	Brand	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
1.	Gray Metallic Paint				05 Quarter	
2.	Red Oil Paint				03 Buckets	
3.	Golden Brown Paint				03 Buckets	
4.	Black Oil Paint				03 Buckets	
5.	White Oil Paint				05 Buckets	
6.	Kerosene Oil				100 Liters	

T/E No. IP-2(3)/Wood/464/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 06: SPECIFICATION OF WOOD.

S. Nos.	Name of Articles	Country of origin	Quantity
01.	Partel Wood Size (¾" x 12" x 12')	Local	100 Planks
02.	Partel Wood Size (½" x 12" x 12')	Local	100 Planks
03.	Dayar Wood Size (¾" x 12" x 10')	Malaysia	10 Planks
04.	Golden Malaysia Size (1¾" x 1' x 12')	Malaysia	10 Planks
05.	Golden Teck Size (¾" x 12" x 12')	Malaysia	10 Planks
06.	Golden Teck Patti Size (½" x 3" x 12')	Malaysia	100 Patti
07.	Golden Teck Size (½" x 1" x 12')	Malaysia	100 Patti

FORM OF QUOTATION FOR THE SUPPLY OF "WOOD".

Item No. 06

T/E No. IP-2(3)/Wood/464/2018-19

S. No.	Technical Specifications	Origen	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
01.	Partel Wood Size (¾" x 12" x 12')				100 Planks	
02.	Partel Wood Size (½" x 12" x 12')				100 Planks	
03.	Dayar Wood Size (¾" x 12" x 10')				10 Planks	
04.	Golden Malaysia Size (1¾" x 1' x 12')				10 Planks	
05.	Golden Teck Size (¾" x 12" x 12')				10 Planks	
06.	Golden Teck Patti Size (½" x 3" x 12')				100 Patti	
07.	Golden Teck Size (½" x 1" x 12')				100 Patti	

T/E No. IP-2(3)/Mis. Items_MWS/465/2018-19 Due open on 27-12-2018 at 11:30 PST

Item No. 07. SPECIFICATION OF MISCELLANEOUS ITEMS FOR M.WS.

S. No.	Name of Articles	Made in	Quantity
1	Brass screw size 3 BA length 3/4 " (As per sample)	Local	25 Packets
2	Brass screw size 6 BA length 3/4 " (As per sample)	Local	10 Packets
3	Brass screw size 8 BA length 1/4 " (As per sample)	Local	10 Packets
4	Hard Coal (Black colour) size 4" - 6"	Imported	500 Kg.
5	Drill Set 1/16 to 1 - 1/2"	Imported	01 Set
6	Tape and Dies Sets 2mm to 25mm	Imported	01 Set
7	Tape and Dies Sets 2mm to 0 BA to 10 BA	Imported	01 Set

FORM OF QUOTATION FOR THE SUPPLY OF "MISCELLANEOUS WS ITEMS".

Item No. 07

T/E No. IP-2(3)/Mis. Items_MWS/465/2018-19

S. No.	Technical Specifications	Origen	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
1	Brass screw size 3 BA length 3/4 "				25 Packets	
2	Brass screw size 6 BA length 3/4 "				10 Packets	
3	Brass screw size 8 BA length 1/4 "				10 Packets	
4	Hard Coal (Black colour) size 4" - 6"				500 Kg.	
5	Drill Set 1/16 to 1 - 1/2"				01 Set	
6	Tape and Dies Sets 2mm to 25mm				01 Set	
7	Tape and Dies Sets 2mm to 0 BA to 10 BA				01 Set	

T/E No. IP-2(3)/Carpentry/466/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 08. SPECIFICATION OF MISCELLANEOUS ITEMS FOR CARPENTRY.

S. No.	Name of Articles	Made in	Quantity
1	Nails Size 3" N0.12	Local	03Kgs.
2	Nails Size 2½" N0.14	Local	05Kgs.
3	Nails Size 2" N0.14	Local	10Kgs.
4	Nails Size 1½" N0.14	Local	10Kgs.
5	Nails Size 1½" N0.17	Local	10Kgs.
6	Nails Size 1" N0.17	Local	03Kgs.
7	Nails Size ¾" N0.17	Local	03Kgs.
8	Nails Size 1¼" N0.17	Local	03Kgs.
9	Nails Size ½" N0.22	Local	03Kgs.
10	Steel Nails Size 3"	Local	01 Packet
11	Steel Nails Size 2½"	Local	01Packet
12	Screw Size(1½") N0.7	Local	10 Packets
13	Screw Size (1") N0.7	Local	10 Packets
14	Screw Size (¾") N0.5	Local	10 Packets
15	Screw Size (½") N0.4	Local	02 Packets
16	Screw Size 2" N0.8	Local	05 Packets
17	Chain (Small Size) ¼" As per sample	Local	05Kgs.
18	Nut & Bolt (Round Head block colour) Size ¼"x 2" ½"	Local	03 Packets
19	Nut & Bolt (Round Head block colour) Size¼" x 1½"	Local	06 Packets
20	Nut & Bolt (Round Head Black Colour) Size ¼"x 2" as per sample	Local	06 Packets
21	Nut & Bolt (Round Head Black Colour) Size ¼" x 3" as per sample	Local	03 Packets
22	Glue White (Movilith)	Imported	05Kgs.
23	Hanges Size 3" As per sample	Local	05 Packets
24	Net (G.I.) size 4' x 6'	Local	1 No.
25	Blade for Elec. Plainer Machine 1½" x 1'	Local	02 Sets.
26	Blade for Elec. Plainer Machine 1½ X ½" x 2'	Local	02 Sets.
27	Blade for Elec. Cutter Machine (Tip wala 80 teeth)	Imported	01 No.
28	Hook for S. Screen (i type)	Local	05 Packets.
29	Ring for Hook ¾"	Local	05 Packets.

QUOTATION FORM ON NEXT PAGE

FORM OF QUOTATION FOR "MISCELLANEOUS CARPENTRY ITEMS".

Item No. 08 T/E

File #IP-2(3)/Carpentry/466/2018-19

S. No.	Technical Specifications	Origen	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
1	Nails Size 3" N0.12				03Kgs.	
2	Nails Size 2½" N0.14				05Kgs.	
3	Nails Size 2" N0.14				10Kgs.	
4	Nails Size 1½" N0.14				10Kgs.	
5	Nails Size 1½" N0.17				10Kgs.	
6	Nails Size 1" N0.17				03Kgs.	
7	Nails Size ¾" N0.17				03Kgs.	
8	Nails Size ¼" N0.17				03Kgs.	
9	Nails Size ½" N0.22				03Kgs.	
10	Steel Nails Size 3"				01 Packet	
11	Steel Nails Size 2½"				01Packet	
12	Screw Size(1½") N0.7				10 Packets	
13	Screw Size (1¼") N0.7				10 Packets	
14	Screw Size (¾") N0.5				10 Packets	
15	Screw Size (½") N0.4				02 Packets	
16	Screw Size 2" N0.8				05 Packets	
17	Chain (Small Size) ¼" As per sample				05Kgs.	
18	Nut & Bolt (Round Head black colour) Size ¼"x 2" ½"				03 Packets	
19	Nut & Bolt (Round Head black colour) Size¼" x 1½"				06 Packets	
20	Nut & Bolt (Round Head Black Colour) Size ¼"x 2" as per sample				06 Packets	
21	Nut & Bolt (Round Head Black Colour) Size ¼" x 3" as per sample				03 Packets	
22	Glue White (Movilith)				05Kgs.	
23	Hanges Size 3" As per sample				05 Packets	
24	Net (G.I.) size 4' x 6'				1 No.	
25	Blade for Electric Plainer Machine 1½" x 1'				02 Sets.	
26	Blade for Electric Plainer Machine 1½ X ½" x 2'				02 Sets.	
27	Blade for Elec. Cutter Machine (Tip wala 80 teeth)				01 No.	
28	Hook for Stevenson Screen (i type)				05 Packets.	
29	Ring for Hook ¾"				05 Packets.	

T/E No. IP-2(3)/Comm. Cable/467/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 09. SPECIFICATION OF INTERCOM CABLE.

S. No.	Name of Articles	Made in	Quantity
01	Intercom Communication Cable (20 Pairs) As per sample	Imported/Local	1,000 Meters

FORM OF QUOTATION FOR THE SUPPLY OF "COMMUNICATION CABLE".

Item No. 09

File# T/E No. IP-2(3)/Cable/467/2018-19

S. No.	Technical Specifications	Origen	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
01.	Intercom Communication Cable (20 Pairs) As per sample.				1,000 Meters	

T/E No. IP-2(3)/Comp./468/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 10: SPECIFICATION OF BRANDED COMPUTER.

Description of Stores	Quantity
<p>a) BRANDED COMPUTER with complete accessories having following specifications:</p> <p>HP Pro Desk 400 G5 or Equivalent</p> <p>Processor : Core i5 8500 (8th Generation) or Higher RAM : 4GB Hard drive : 1TB SATA Optical Drive : DVD-RW Keyboard : Standard enhance branded keyboard. Mouse : Optical wheel mouse Monitor : 20" multimedia full HD LED Widescreen</p> <p>Warranty : <i>One Year or more</i></p>	04 Sets.
b) External Data Traveler 500 GB	01 No.

FORM OF QUOTATION FOR THE SUPPLY OF "BRANDED COMPUTERS".

Item No. 10

File# T/E No. IP-2(3)/Comp./468/2018-19

Technical Specifications	Origen	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
<p>a) BRANDED COMPUTER with complete accessories having following specifications:</p> <p>HP Pro Desk 400 G5 or Equivalent</p> <p>Processor : Core i5 8500 (8th Generation) or Higher RAM : 4GB Hard drive : 1TB SATA Optical Drive : DVD-RW Keyboard : Standard enhance branded keyboard. Mouse : Optical wheel mouse Monitor : 20" multimedia full HD LED Widescreen</p> <p>Warranty : <i>Must be mentioned</i></p>				04 Sets.	
				Grand Total:	
b) External Data Traveler 500 GB				01 No.	

T/E No. IP-2(3)/Printer/469/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 11. SPECIFICATION OF PRINTER.

Specification of Store	Quantity
A) Epson LQ-2190 or Equivalent	01 No.
B) HP Laser Jet Printer Pro M102a or Equivalent	05 Nos.

FORM OF QUOTATION FOR THE SUPPLY OF "PRINTERS".

Item No. 11

File# IP-2(3)/Printer/469/2018-19

<i>Technical Specifications</i>	<i>Unit Price (Rs.)</i>	<i>General Sales Tax (Rs.)</i>	<i>Qty.</i>	<i>Total Price (Rs.)</i>
1) Epson LQ-2190 or Equivalent			01 No.	
2) HP Laser Jet Printer Pro M102a or Equivalent			05 Nos.	
Grand Total:				

T/E No. IP-2(3)/Security Sys./470/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 12. SPECIFICATION OF SUPPLY AND INSTALLATION OF CCTV SECURITY SYS.

Technical Specifications	Qty.
DVR (should have support 32 channels), 4MP, 4TB data storage with necessary input devices (i.e. keyboard/mouse etc), should have user-level protection for processing videos.	1 No.
Day/Night High Speed IP HD PTZ Camera (outdoor) IR200m, HD1080p, 2MP, (30p/25p), 12x zoom or better, 360° rotation & suitable tilting, Night Vision, weather proof Cameras, mounting	2 Nos.
Day/Night IP HD Outdoor PTZ Camera IR50m, HD1080p, 2MP, 30p/25p or better, Night Vision, mounting	8 Nos.
Day/Night IP HD Indoor Camera IR20m, HD1080p, 2MP, 30p/25p or better, Night Vision, mounting	6 Nos.
Suitable uninterruptable power supply with necessary wiring for entire system including cameras to be installed at each site.	1 No.
Digital video Communications either via cat-6 or Wifi (whichever is applicable) with all accessories (screw, Nite, Tape, wooding Gutka etc) from DVR to each camera.	
20ft high Iron poles for mounting PTZ cameras with all installation accessories	
HDMI display cable of suitable length.	1 No.
32" HD LED monitor with wall mounting.	1 No.
The installation of all items mentioned above. The duration (no of working days) required for above installation should be clearly mentioned in the bid.	

Warranty: The above system should be warranted for at least two years from the date of purchase.

QUOTATION FORM ON NEXT PAGE

FORM OF QUOTATION FOR THE SUPPLY & INSTALATTION OF "CCTV SECURITY SURVEILLANCE SYSTEM".

Item No. 12

File# IP-2(3)/Security Sys./470/2018-19

S No.	<i>Technical Specifications</i>	<i>Unit Price (Rs.)</i>	<i>General Sales Tax (Rs.)</i>	<i>Qty.</i>	<i>Total Price (Rs.)</i>
1.	DVR (should have support 32 channels), 4MP, 4TB data storage with necessary input devices (i.e. keyboard/mouse etc), should have user-level protection for processing videos.				
	Day/Night High Speed IP HD PTZ Camera (outdoor) IR200m, HD1080p, 2MP, (30p/25p), 12x zoom or better, 360° rotation & suitable tilting, Night Vision, weather proof Cameras, mounting				
	Day/Night IP HD Outdoor PTZ Camera IR50m, HD1080p, 2MP, 30p/25p or better, Night Vision, mounting				
	Day/Night IP HD Indoor Camera IR20m, HD1080p, 2MP, 30p/25p or better, Night Vision, mounting				
	Suitable uninterruptable power supply with necessary wiring for entire system including cameras to be installed at each site.				
	Digital video Communications either via cat-6 or Wifi (whichever is applicable) with all accessories (screw, Nile, Tape, wooding Gutka etc) from DVR to each camera.				
	20ft high Iron poles for mounting PTZ cameras with all installation accessories				
	HDMI display cable of suitable length.				
	32" HD LED monitor with wall mounting.				
2.	The installation of all items mentioned above. The duration (no of working days) required for above installation should be clearly mentioned in the bid.				
Grand Total:					

T/E No. IP-2(3)/Battery/471/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 13. SPECIFICATION OF DRY BATTERIES.

Description of Stores		Quantity
1	Dry Batteries (Gel, Maintenance Free) 12V-200AH, Inverex (Taiwan Brand) or equivalent.	08 Nos.
2	Dry Batteries (Gel Battery) 12V-110AH, Inverex (Taiwan Brand) or equivalent. Note: Warranty period must be sufficient.	02 Nos.
Grand Total:		

FORM OF QUOTATION FOR THE SUPPLY OF "DRY BATTERIES".

Item No. 13

File# T/E No. IP-2(3)/Battery/471/2018-19

<i>Technical Specifications</i>	<i>Origen</i>	<i>Unit Price (Rs.)</i>	<i>General Sales Tax (Rs.)</i>	<i>Qty.</i>	<i>Total Price (Rs.)</i>
a) Dry Batteries (Gel, Maintenance Free) 12V-200AH Note: Warranty period must be sufficient.				08 Nos.	
b) Dry Batteries (Gel, Maintenance Free) 12V-110AH Note: Warranty period must be sufficient.				02 Nos.	
Grand Total:					

T/E No. IP-2(3)/A.C/472/2018-19

Due open on 27-12-2018 at 11:30 P.S.T

Item No. 14: SPECIFICATION OF AIRCONDITIONERS.

S. Nos.	Description of Stores	Quantity
01.	Air Conditioner, DC INVERTER (2 tons) Type: Split Brand: GENERAL, PEL, DOWLANCE, L.G, ORIENT OR Equivalent. Note: <i>Installation charges must be mentioned separately.</i>	04 Nos.
02.	Air Conditioner, DC INVERTER (1.5 tons) with installation. Type : Split Brand: GENERAL, PEL, DOWLANCE, L.G, ORIENT, KENWOOD OR Equivalent. Note: <i>Installation charges must be mentioned separately.</i>	02 Nos.

FORM OF QUOTATION FOR THE SUPPLY OF "AIRCONDITIONERS".

Item No. 14

File# T/E No. IP-2(3)/AC/472/2018-19

S. Nos.	Technical Specifications	Brand	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
01	Airconditioner DC INVERTER (2 tons) Type: Split				04 Nos.	
	Installation charges					
02	Airconditioner, DC INVERTER (1.5 tons) Type : Split				02 Nos.	
	Installation charges					
Grand Total:						

T/E No. IP-2(3)/Wt. Machine/473/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 15: SPECIFICATION OF WEIGHING MACHINE (IMPORTED).

Description of Stores	Quantity
Digital Weighing Machine (to weight upto 1,000 Kgs.)	01 No.

FORM OF QUOTATION FOR THE SUPPLY OF "WEIGHING MACHINE".

Item No. 15

File# IP-2(3)/Wt. Machine/473/2018-19

<i>Technical Specifications</i>	<i>Brand</i>	<i>Unit Price (Rs.)</i>	<i>General Sales Tax (Rs.)</i>	<i>Qty.</i>	<i>Total Price (Rs.)</i>
Digital Weighing Machine (to weight upto 1,000Kgs.) Warranty: Must be sufficient.				01 No.	

T/E No. IP-2(3)/PPC/474/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 16: SPECIFICATION OF DIGITAL PHOTOCOPIER MACHINE.

Description of Stores		Quantity
DIGITAL PHOTOCOPIER MACHINES		02 Nos.
Type	Desktop	
Speed	23 (CPM/PPM) or More	
Paper Feeding	Automatic Reversal Document feeder built in	
Duplex	Built in	
Network Printer	Built in	
Scanner	Color Scanner Built in	
Paper	Maximum A-3 (11" X17"), Min A-5 Envelop	
Capacity	350 Sheets (250 sheets tray + 100 bypass)	
Zoom	25% reduction to 400% enlargement, 1+ manual increment.	
Warm up time	25 Seconds.	
Memory	320 MB Standard (Max – 448 MB)	
Continues copy	Max. 999 copies	
Resolution	600 x 600 dpi	
Warranty	Not less than one year	

FORM OF QUOTATION FOR THE SUPPLY OF "DIGITAL PHOTOCOPIER".

Item No. 16

File# IP-2(3)/PPC/474/2018-19

Technical Specifications		Brand	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
Type					02 Nos.	
Speed						
Paper Feeding						
Duplex						
Network Printer						
Scanner						
Paper						
Capacity						
Zoom						
Warm up time						
Memory						
Continues copy						
Resolution						
Warranty						
Country of Origen						

Note: In case duties already paid at the time of import, Exemption Certificate issued by FBR must be attached.

T/E No. IP-2(3)/Cooler/475/2018-19

Due open on 27-12-2018 at 11:30 P.S.T

Item No.17: SPECIFICATION OF WATER COOLER AND DISPENSER.

Description of Stores	Quantity
Electric Water Cooler “MEECO” or Equivalent Normal Capacity: 26USG/ P.H S/S Body plastic coated Warranty: 01 year	01 No.
Water Dispenser “Orient Brand” or Equivalent	02 Nos.

FORM OF QUOTATION FOR THE SUPPLY OF “ELECTRIC WATER COOLER & WATER DISPENSER”.

Item No. 17

File# IP-2(3)/Cooler/475/2018-19

S. Nos.	Technical Specifications	Brand	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
01	Electric Water Cooler				01 No.	
	Normal Capacity					
	S/S Body					
	Warranty					
02	Water Dispenser				02 Nos.	
Grand Total:						

T/E No. IP-2(3)/P.S Paper/476/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No.18: SPECIFICATION OF PHOTO STAT PAPERS.

Description of Stores	Quantity
i) Photo Stat Papers of extra white quality (Imported, Branded) Packed in ream of 500 sheets according to below mentioned specification: Size: A4 (210mm X 297mm) Weight: Not less than 80Gsm.	500 Reams
ii) Photo Stat Papers of extra white quality (Imported, Branded) Packed in ream of 500 sheets according to below mentioned specification: Size: Legal (216mm X 343mm) Weight: Not less than 80Gsm.	175 Reams
Note: a) 05 Sheets of A4 Size & Legal Size Photo Stat Papers must be enclosed with the quotation for testing purpose. b) Brand name and Country of origin must be mentioned.	

FORM OF QUOTATION FOR THE SUPPLY OF "PHOTO STAT PAPERS".

Item No. 18

File# IP-2(3)/P.S Paper/476/2018-19

Technical Specifications	Country of Origen	Brand	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
Photo Stat Papers A4 Size					500 Reams	
Size						
Weight						
Colour						
Photo Stat Papers Legal Size					175 Reams	
Size						
Weight						
Colour						

Note: In case duties already paid at the time of import, Exemption Certificate issued by FBR must be attached.

T/E No. IP-2(3)/Cont. Sheet/477/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 19: SPECIFICATION OF COMPUTER CONTINUOUS SHEETS.

Description of Stores	Quantity
<p><u>Computer Continuous Sheets:</u></p> <p>Size: (80 Columns) Weight: Not less than 63 G.S.M Colour: Whitish Packing: Box of 1,000 Sheets (\pm 10 Sheets) Country or origin: Pakistan (Local) Note: 05 Sheets must be enclosed with Quotation as Sample.</p>	200 Boxes

FORM OF QUOTATION FOR THE SUPPLY OF "COMPUTER CONTINUOUS SHEETS".

Item No. 19

File# IP-2(3)/Cont. Sheet/477/2018-19

Technical Specifications	Brand	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
Computer Continuous Sheets				200 Boxes	
Size					
Weight					
Colour					
No. of sheets per Box					

T/E No. IP-2(3)/Stationery/478/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 20: SPECIFICATION OF OFFICE STATIONERY.

S. No.	Description of Store	Quantity
1	Eraser AL-20 (Pelikan)	150 Nos.
2	Sharpener Silver (Dux)	50 Nos.
3	Pencil Black 3B (Gold Fish or Equivalent)	100 Nos.
4	Ball Pen Blue (Piano-Crystal)	600 Nos.
5	Ball Pen Red (Piano-Crystal)	250 Nos.
6	Gum Stick (Large) UHU or Equivalent	10 Nos.
7	Stapler Pin (Large) Dollar (24/6)	50Pkts.
8	Marker Black 90 Dollar	15 Nos.
9	Note Sheet (8½"X12½") WT.:80Gsm, white paper (each pad of 100 Sheets.	30 Pads
10	White Fluid Pen (Dux)	20 Nos.
11	Scotch Tape (2 Inch size)	14 Nos.
12	Ruled Register (8½"X14") , Large, 70 Gms. (each register of 200-Sheets)	20 Nos.
13	File Cover (Blue Colour) , Size: 10"X13", Wt.:700 Grams (as per sample) with print Pakistan Meteorological Department, Met. Headquarter's Camp Office, Karachi.	1000 Nos.
14	Pencil (Dux)	100 Nos.
15	Stapler SUN WOOD (Silver)	40 Nos.
16	Pointer Crystal, 07 (Blue)	100 Nos.
17	Pointer Crystal, 07 (Black)	100 Nos.
18	Dak Register 70 Grams, 100 Sheets each register with print (as per sample)	40 Nos.
19	Ruled Register 70 Grams (8½"X14") each register of 100 Sheets	20 Nos.
20	File Board (10" X 14"), 200 Gsm, Hard type	1000 Nos.
21	Highlighter (Palikan) Yellow Colour	18 Nos.
22	Gem Clips (Size:33mm)	25 Packets

QUOTATION FORM ON NEXT PAGE

FORM OF QUOTATION FOR THE SUPPLY OF "OFFICE STATIONERY".

Item No. 20

File# IP-2(3)/Stationery/478/2018-19

S. No.	Technical Specifications	Brand	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty	Total Price (Rs.)
1	Eraser AL-20 (Pelikan)				150 Nos.	
2	Sharpener Silver (Dux)				50 Nos.	
3	Pencil Black 3B (Gold Fish or Equivalent)				100 Nos.	
4	Ball Pen Blue (Piano-Crystal)				600 Nos.	
5	Ball Pen Red (Piano-Crystal)				250 Nos.	
6	Gum Stick (Large) UHU or Equivalent				10 Nos.	
7	Stapler Pin (Large) Dollar (24/6)				50Pkts.	
8	Marker Black 90 Dollar				15 Nos.	
9	Note Sheet (8½"X12½") WT.:80Gsm, white paper (each pad of 100 Sheets.)				30 Pads	
10	White Fluid Pen (Dux)				20 Nos.	
11	Scotch Tape (2 Inch size)				14 Nos.	
12	Ruled Register (8½"X14") , Large, 70 Gms. (each register of 200-Sheets)				20 Nos.	
13	File Cover (Blue Colour) , Size: 10"X13", Wt.:700 Grams (as per sample) with print Pakistan Meteorological Department, Met. Headquarter's Camp Office, Karachi.				1000 Nos.	
14	Pencil (Dux)				100 Nos.	
15	Stapler SUN WOOD (Silver)				40 Nos.	
16	Pointer Crystal, 07 (Blue)				100 Nos.	
17	Pointer Crystal, 07 (Black)				100 Nos.	
18	Stamp Pad Crystal (Large) or Equivalent				40 Nos.	
19	Ruled Register 70 Grams (8½"X14") each register of 100 Sheets				20 Nos.	
20	File Board (10" X 14"), 200 Gsm, Hard type				1000 Nos.	
21	Highlighter (Palikan) Yellow Colour				18 Nos.	
22	Gem Clips (Size:33mm)				25 Packets	

No.IP-2(3)/PPC Toners/479/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 21. SPECIFICATION OF TONERS FOR PHOTO COPIER MACHINES.

S. Nos.	Description of Stores	Quantity
01.	Toner for TOSHIBA Photo Copier Machine e-Studio 2303 (T-2309).	06 Nos.
02.	Toner for Digital Photocopier RICOH MP 2001L	12 Nos.
03.	Toner for Digital Photocopier SHARP AR 5620V	07 Nos.
04.	Toner for Plain Paper Copier MINOLTA EP-3000	06 Nos.
05.	Toner for Photo Copier GESTETNER MP-2501 SP	07 Nos.
06.	Toner for Photo Copier KYOCERA KM 2035 (TK-4010)	06 Nos.

Note:

- i) Toners must be Genuine/ Original.
- ii) Look like or Compatible toners are not acceptable.
- iii) Country of origin must be mentioned & length of expiry must be sufficient.

FORM OF QUOTATION FOR THE SUPPLY OF "PPC TONERS".

Item No. 21

File# IP-2(3)/PPC Toners/479/2018-19

S. Nos.	Technical Specifications	Origen	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
01.	Toner for TOSHIBA Photo Copier Machine e-Studio 2303 (T-2309).				06 Nos.	
02.	Toner for Digital Photocopier RICOH MP 2001L				12 Nos.	
03.	Toner for Digital Photocopier SHARP AR 5620V				07 Nos.	
04.	Toner for Plain Paper Copier MINOLTA EP-3000				06 Nos.	
05.	Toner for Photo Copier GESTETNER MP-2501 SP				07 Nos.	
06.	Toner for Photo Copier KYOCERA KM 2035 (TK-4010)				06 Nos.	

No.IP-2(3)/Printer Toner/480/2018-19

Due open on 27-12-2018 at 11:30 PST

Item No. 22. SPECIFICATION OF PRINTER TONERS.

S. Nos.	Description of Stores	Quantity
01.	Toner Cartridge for HP Desk Jet 810C/ 890 (Black)	06 Nos.
02.	Toner Cartridge for HP Desk Jet 810C/ 890 (Colour)	06 Nos.
03.	Printer Cartridge for HP Laser Jet P1005	03 Nos.
04.	Toner Cartridge for HP Laser jet M125A (83A)	05 Nos.
05.	Toner Cartridge for HP Laser jet 1320 Printer	19 Nos.
06.	Toner Cartridge for HP Laser jet 1102 P Printer	09 Nos.
07.	Toner Cartridge for HP Laser Jet Pro 400 M401a	08 Nos.
08.	Toner Cartridge for HP Laser jet 1200 Printer (15A)	04 Nos.
09.	Ribbon Cartridge for EPSON LQ-2180 Printer	05 Nos.
10.	Ribbon Cartridge for EPSON LQ-2090 Printer	05 Nos.
11.	Ribbon Cartridge for EPSON LQ-2190 Printer	15 Nos.
12.	Ribbon Cartridge for EPSON LQ-300+ Printer	10 Nos.
13.	Ribbon Cartridge for LX-300+ Printer	10 Nos.
14.	Ribbon Cartridge for EPSON LQ-310 Printer	25 Nos.
15.	Ribbon Cartridge for EPSON LQ-300+ II Printer	10 Nos.
16.	Toner Cartridge for HP Laser jet (P1102W) 85	04 Nos.

Note:

- i) Toners must be Genuine/ Original.**
- ii) Look like or Compatible toners are not acceptable.**
- iii) Country of origin must be mentioned & length of expiry must be sufficient.**

FORM OF QUOTATION FOR THE SUPPLY OF "PRINTER TONERS".

Item No. 22

File# IP-2(3)/Printer Toner/480/2018-19

S. Nos.	Technical Specifications	Origen	Unit Price (Rs.)	General Sales Tax (Rs.)	Qty.	Total Price (Rs.)
01.	Toner Cartridge for HP Desk Jet 810C/ 890 (Black)				06 Nos.	
02.	Toner Cartridge for HP Desk Jet 810C/ 890 (Colour)				12 Nos.	
03.	Printer Cartridge for HP Laser Jet P1005				07 Nos.	
04.	Toner Cartridge for HP Laser jet M125A (83A)				06 Nos.	
05.	Toner Cartridge for HP Laser jet 1320 Printer				07 Nos.	
06.	Toner Cartridge for HP Laser jet 1102 P Printer				06 Nos.	
	Toner Cartridge for HP Laser Jet Pro 400 M401a				08 Nos.	
	Toner Cartridge for HP Laser jet 1200 Printer (15A)				04 Nos.	
	Ribbon Cartridge for EPSON LQ-2180 Printer				05 Nos.	
	Ribbon Cartridge for EPSON LQ-2090 Printer				05 Nos.	
	Ribbon Cartridge for EPSON LQ-2190 Printer				15 Nos.	
	Ribbon Cartridge for EPSON LQ-300+ Printer				10 Nos.	
	Ribbon Cartridge for LX-300+ Printer				10 Nos.	
	Ribbon Cartridge for EPSON LQ-310 Printer				25 Nos.	
	Ribbon Cartridge for EPSON LQ-300+ II Printer				10 Nos.	
	Toner Cartridge for HP Laser jet (P1102W) 85				04 Nos.	

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 on the Tenderer / Firm, 2% Earnest Money 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.
- d) Tenderers 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.
- e) Tenderers 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) **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.
- g) The quantity may be increased or decreased at the buyer's option.
- h) 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.
- i) Department reserves the right to accept or reject any items or all tender according to PPRA rules.

- j) 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.
- k) The firms declared as blacklisted by any Government Agency are not eligible for participation in the Tender business through this Department
- l) 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.
- m) 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.
- n) **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.

-Sd-

(DR. MUHAMMAD HANIF)
Chief Meteorologist
for Director General

SECTION-II

FOR SUPPLY ON FOB/CIP BASIS

No.IP-1(3)/Met. Balloons/FE/481/2018-19

Due open on 14-01-2019 at 11:30 PST

ITEM NO. 1: SPECIFICATION OF METEOROLOGICAL BALLOONS (on FOB basis).

S. No.	Description of Stores	Quantity
01.	<u>METEOROLOGICAL BALLOONS 30 Gms.</u> 1. Nominal weight : 30gm. 2. Weight : 30±5gm 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.	10,000 Nos.
02.	<u>METEOROLOGICAL BALLOONS 100 Gms.</u> 1. Nominal Weight : 100 Gms. 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.	8,000 Nos.
03.	<u>METEOROLOGICAL BALLOONS 200 Gms.</u> 1. Nominal Weight : 200 Gms. 2. Weight : 200±10 Gms. 3. Deflated body dia. : 610 ±40 mm. 4. Internal Neck dia. : 64 mm ± 10 mm. 5. Neck Length. : 100 mm ± 20 mm. 6. Min. Bursting dia. :3000 mm (Min.) 7. Material & Colour. : Synthetic or natural uncolored rubber.: 8. Min. Flying height. : 17 Kms.	150 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:-
 - Weight.
 - Maker's name and brand.
 - Co lour
 - Date of manufacture.
- Packed balloons should be supplied in cartons made from stiff cardboard & each carton containing the following number of balloons.
 - i. 30gm – 100 Nos. ii) 100gm. - 60 Nos. iii) 200 gm – 30 Nos or suitable quantity
 - 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. Tenderers are required to indicate maker's name and its complete address and country of origin in their offer.
2. Tenderers are required to clearly mention brand name of the balloon & submit original technical literature/leaflet of the offered store.
3. **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.**
4. Tenders are required to confirm the balloons shall not be more than 6 months old when supplied to consignee.
5. 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.
6. Tenderers are required to confirm categorically T/E specification packing and marking requirements in all respect.
7. Tenderers are required to confirm that they will replace the supplied stores free of cost if found defective on use during shelf-life period.
8. Tenderers are required to confirm satisfactory performance of balloons offered at the required flying height.
9. Tenderers are required to submit original Performa invoice of their principal/manufacturer containing detailed technical specification of the offered store.

No.IP-1(3)/RS/FE/482/2018-19**Due open on 14-01-2019 at 11:30 PST****Item No. 2. SPECIFICATION OF VAISALA RADIOSONDE, RS41-SG (On F.O.B. or CIP Basis).**

Item No.	Description of Store	Quantity
01	VAISALA Radiosonde RS41-SG Transmitters	60 Nos.

No.IP-1(3)/Theodo./FE/483/2017-18

Due open on 14-01-2019 at 11:30 PST

Item No. 3. **SPECIFICATION OF DIGITAL BALLOON THEODOLITE (On F.O.B. Basis).**

S. Nos.	Description of Stores	Quantity
01	<p><u>DIGITAL BALLOON THEODOLITE TD-4 with complete accessories: TAMAYA OR (H & W) OR Equivalent.</u></p> <p>Digital Balloon Theodolite must consist of 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 and 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 ❖ <u>Accessories</u> <ul style="list-style-type: none"> Hood 1 Piece Eyepiece filters 1 Piece Tubular compass 1 Piece Level vial adjusting Pin 1 Piece Earphone for buzzer 1 Piece Tripod 1 Piece Battery charger 1 Piece Carrying case 1 Piece Instruction Manual 1 Piece ❖ <u>Optional items</u> <ul style="list-style-type: none"> Printer for TD-4 1 Set Software for TD-4 1 Set RS-232C Interface cable 1 Set for PC Chart Papers (10 rolles/set) 1Set 	01 No.

No.IP-1(3)/Thermo/FE/484/2018-19

Due open on 14-01-2019 at 11:30 P.S.T

Item No. 4. SPECIFICATION OF THERMOMETER. (On F.O.B.Basis).

Description of Stores	Quantity
I) <u>Maximum Thermometer:</u> Mercury in glass, wooden frame pattern Maximum Thermometer with hanging plate and guard to protect thermometer bulb. Range: - 20°C to + 60°C or similar Division: 0.5°C Accuracy: $\pm 0.3^\circ\text{C}$ Country of origin: U.K or any other Country	40 Nos.
II) <u>Minimum Thermometer:</u> Alcohol in glass, wooden frame pattern Minimum Thermometer with index hanging plate and guard to protect thermometer bulb. Range: - 52°C to + 41°C or <i>Similar</i> Division: 0.5°C Accuracy: $\pm 1.2^\circ\text{C}$ ($< -30^\circ\text{C}$); $\pm 0.8^\circ\text{C}$ (-30°C to $+20^\circ\text{C}$), $\pm 0.4^\circ\text{C}$ ($>+20^\circ\text{C}$). Country of origin: U.K or any other Country	40 Nos.
III) <u>Ordinary Thermometer:</u> Mercury in glass, wooden frame pattern Ordinary Thermometer with hanging plate and guard to protect thermometer bulb. Range: - 36°C to + 60°C or <i>Similar</i> Division: 0.5°C Accuracy: $\pm 0.4^\circ\text{C}$ Country of origin: U.K or any other Country	60 Nos.
IV) <u>Soil Thermometers:</u> Bent – Stem Ground (Soil) Thermometers 5cm, 10cm, 20cm, 30cm, 50cm & 100cm Range: 21°C to 61 °C or <i>Similar</i> Country of origin: U.K or any other Country	15 Sets

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

TERMS & CONDITIONS (F.O.B)

- 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 envelops i.e. Technical and Financial.

The bid submitted by the bidder shall comprise of two envelops 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 A/T placed with him/them as Security Deposit within 5 working days of the date of issue of A/T. In case of non-deposit of balance Security Deposit it will be concluded that the successful bidder has failed to honor the contract (A/T) and will be liable to further proceeding as a defaulter.
- c) Tenderers should indicate their Income Tax Number/ G.S.T. No. and National Tax Number. (Copies must be enclosed).
- d) Tenderer should mentioned the Manufacturer's Name, Brand and Country of Origin in their offer.
- e) 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.
- f) 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.
- g) 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.
- h) 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.
- i) 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.

- j) 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.
- k) The quantity may be increased or decreased at the Buyer's option.
- l) 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.
- m) 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 misconduct and fraud, which will lead not only ignoring of the offer but may also lead to black listing /forfeiture of Earnest Money.
- n) 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.

-Sd-

(DR. MUHAMMAD HANIF)
Chief Meteorologist
for Director General
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