



**Pakistan Telecommunication Company Limited**

**Tender No. RFQ/Networks-Ops LHR/Frame  
Contract/03/AC/2018-2019**

**Bid Document/Request for Proposal**

**For**

**Frame Contract of Unit Based Rates for Repair &  
Maintenance of AC Units & Compressors of Different  
Capacities in N/W Ops & Deployment Region Lahore for the  
Year 2018-2019**



**Pakistan Telecommunication Company Limited**  
Office of the General Manager N/W Ops & Deployment Region Lahore

**Tender Notice**

**Tender No. RFQ/Networks-Ops LHR/Frame Contract/03/AC/2018-2019**

**Frame Contract of Unit Based Rates for Repair & Maintenance of AC Units & Compressors of Different Capacities in N/W Ops & Deployment Region Lahore for the Year 2018-2019**

1. Sealed bids are required from contractors of repute to sign unit rate based Frame Contract for Repair and Maintenance of AC Units & Compressors having different capacities in Technical Region Lahore for Year 2018-2019 in accordance with PTCL requirements. The tender documents are available in the office of the Manager Technical Support/ Networks Ops & deployment Region, Lahore.
2. Bid received after the deadline shall not be accepted.
3. PTCL reserves the right to reject any or all bids and to annul the bidding process at any time, without thereby incurring any liability to the affected bidder(s) or any obligations to inform the affected bidders(s) of the grounds for PTCL action.
4. Bidder must mention their Vendor Registration code on quotation. In case vendor is not registered, then registration must be done before the issuance of Letter of Intent (LOI). Vendor Registration form can be downloaded from PTCL website [ww.ptcl.com.pk/Media](http://ww.ptcl.com.pk/Media).
5. All correspondence on the subject may be addressed to the undersigned.
6. Your Tender must reach on or before **20-03-2018** in the office of GM Network Ops Lahore.

**Manager Technical Support**  
**NOD LTR**

CTH Building,  
T-3 Floor, 1 Mcleod Road, Lahore  
Tel: +92-42-37321929  
E-mail: [naeem.bassey@ptcl.net.pk](mailto:naeem.bassey@ptcl.net.pk)

# **General Instructions to Bidders**

## **1. Scope of Work**

### **AC Units**

- The contractor shall execute the entire works as per attached BOQ/ SOW and shall hand-over the system ready for service with all allied works completed in all respects according to the PTCL/ International functional and technical specifications.
- Vendor shall arrange Testing of the AC Units after repairing on site in the presence of Technical Team of Company.
- Vendor shall be responsible to provide 6 –Month warranty of the AC Units subsequent to Major/Minor repair and shifting of AC Units.

## **2. Submission of Tender**

Bidders must submit the detailed proposal in accordance with above “Scope of Work” clause. Tenders shall only be submitted on the Form of Tender which shall comprise the following documents:

### **2.1. Volume-I Commercial Proposal**

2.1.1 The Commercial Proposal of the bid shall comprise the following documents.

#### **a) Bid Form**

The Bidder shall complete the Bid Form furnished in the Bidding Document.

#### **b) Commercial Compliance Sheet**

The bidder shall complete the Commercial Compliance Sheet furnished in the Bid Documents strictly in accordance with the instructions given in the RFQ.

- I. Compliance to PTCL tender BoQ/ SoW.
- II. Company Financial Profile including PTCL experience.
- III. Hard & Soft Copies of quoted rates without all taxes and inclusive of all taxes (GST/ PRA etc.).
- IV. CDR/DD in the name of “DY General Manger (F/A) LTR (S) Lahore” as a bid bond security amounting to Rs.25000/-.

### **2.2. Volume-II Technical Proposal**

2.2.1 The Technical Proposal shall comprise the following documents as well:

- a) Sign all the Pages of Un-priced BOQ.
- b) Compliance with all clauses of the tender document;
- c) Company’s Profile and Technical expertise as follows:
  - Company history, background
  - Contact Details
  - AC units brand Manufacturer affiliation/ certificate if any
  - Documents of past experience with PTCL and other companies

### **2.3. Format & Signing of Bid**

- 2.3.1 The bidder shall prepare one Technical Bid and one Commercial bid. All pages submitted by bidders in each bid must be clearly signed and stamped by contractor. If the Bidder failed to submit or not provide any of the Bids it will be treated as non-responsive and will be rejected.

### **2.4 Modification and Withdrawal**

- 2.4.1 The Bidder may modify or withdraw its bid after the bids' submission, provided that written notice of the modification or withdrawal is received by PTCL prior to the deadline prescribed for submission of bids.
- 2.4.2 The bidder shall not modify this tender document subsequent to the deadline for submission of bids.

## **3. Acceptance or Rejection of Tenders**

PTCL reserves the right to accept or reject any or all bids and to annul the bidding process at any time prior to award of contract without thereby incurring any liability to the affected bidders(s) or any obligation to inform the affected Bidder(s) of the grounds for PTCL action.

## **4. Interpretation of Tender Documents and Addenda**

At any time prior to the deadline for submission of bids, PTCL may, for any reason, whether on its own initiative or in response to a clarification requested by a prospective Bidder, modify the provisions of Bidding Documents by circulation of formal letter of amendment.

## **5. Contract Price**

The contract prices of all item rates shall be firm and final and shall remain valid for one year from the signing of the contract by both parties. No variation whatsoever shall be acceptable to PTCL. PTCL may also extend the timelines of the contract with the occurrence of the bidders.

## **6. License and Registration**

- a) Vendor registration is mandatory for all the vendors interested to supply material/services to PTCL.
- b) It is essential to mention the Vendor Registration Code (VR Code) on Quotation/Bids submitted.
- c) UN-registered vendors are not eligible to apply.
- d) The vendors having registration with any brand of AC Unit Manufacturer will be preferred.

## "Frame Contract of Unit Based Rates for Repair & Maintenance of AC Units & Compressors of Different Capacities in N/W Ops & Deployment Region Lahore for the Year 2018-2019"

**(RFQ/NW-OPS LHR/Frame Contract/03/2018-2019)**

S#	Job Description	Nature of Job	1~1.5 Ton	2~2.5 ton	4~4.5 ton	6~6.5 ton	8 ton	10 ton
1	Gas Filling ( Make up ) to maintain the Gas pressure R 22	Job						
2	Flushing cleaning with Nitrogen, Leak testing , Fixing of leakage	Job						
3	Complete Gas Charging with R-22 55 to 65 PSIG	Job						
4	Gas Filling ( Make up ) to maintain the Gas pressure ( Inverter Type AC)	Job						
5	Complete Gas Charging with( Inverter AC Units)	Job						
6	Replacement of Dryer Filter	Each						
7	Dismantling old & Re installation of compressor	Job						
8	Replacement of Magnetic Contactor for Compressor	Each						
9	Supply of Starting Potential Relay for Compressor	Each						
10	Replacement of Supply Wire of Compressor	Each						
11	Supply of Compressor Reciprocating (Piston) USA	Each						
12	Supply of Compressor Reciprocating (Piston) Thailand	Each						
13	Supply of Compressor Reciprocating (Piston) China/Indian	Each						
14	Supply of Compressor Rotary/Scroll USA	Each						
15	Supply of Compressor Rotary/Scroll Thailand	Each						
16	Supply of Compressor Rotary/Scroll China/Indian	Each						
17	Repair of Compressor (For complete season)	Job						
18	Supply of Compressor Oil	Liter						
19	Replacement of Starting Capacitor for Compressor	Each						
20	Replacement of Running Capacitor for Compressor	Each						
21	Replacement of Current Over Load Rely for Compressor	Each						
22	Replacement of PFR Rely	Each						
23	Replacement of Over Load Rely for Condenser Fan Motor	Each						
24	Replacement of Magnetic Contactor of Condenser Motor	Each						

25	Replacement of Capacitor for Condenser Fan Motor	Each						
26	Replacement of Condenser Fan Blade (Plastic) as per Manufacturer	Each						
27	Replacement of Condenser Fan Blade (Aluminum) as per Manufacturer	Each						
28	Replacement of Condenser Fan Belt	Each						
29	Replacement of Condenser Fan Motor	Each						
30	Rewinding of Condenser Fan Motor	Job						
31	Replacement of Condenser Fan Motor Bracket	Each						
32	Motor Shaft Balancing	Job						
33	Modification of Capillary Piping in Condenser	Job						
34	Re-soldering of Condenser Unit	Job						
35	Lacquering of Condensing Unit	Job						
36	Lacquering of Suction and Discharge Pipe Line (RFT)	RFT						
37	Replacement of Motor Beachrings (complete job)	Each						
38	Replacement of Timer	Each						
39	Replacement of Blower Motor	Each						
40	Rewinding of Blower Motor	Job						
41	Replacement of Aluminum Blower Set	Each						
42	Replacement of Blower Bush	Job						
43	Replacement of Capacitor for Blower Motor	Each						
44	Replacement of Magnetic Contactor for Blower Motor	Each						
45	Replacement of Over Load Rely for Blower Motor	Each						
46	Replacement of Thermostat Control kit	Each						
47	Repair of Thermostat Control Kit	Job						
48	Replacement of Thermostat Control Kit ( Inverter AC)	Each						
49	Repair of Thermostat Control Kit ( Inverter AC)	Job						
50	Replacement of Main Control Kit ( Inverter AC)	Each						
51	Repair of Main Control Kit ( Inverter AC)	Job						
52	Replacement of Thermostatic Expansion Valve	Each						
53	Replacement of Solenoid Valve	Each						
54	Replacement of Line Valve	Each						
55	Replacement of Suction line Valve	Each						

56	Replacement of Discharge Line Valve	Each						
57	Replacement of Sight Glass	Each						
58	Replacement of Suction Gauge	Each						
59	Replacement of Discharge Gauge	Each						
60	Replacement of Suction Side Accumulator	Each						
61	Replacement of LP/Hp Control Switch	Each						
62	Replacement of Low Ambient Control Switch	Each						
63	Replacement of Duel Pressure Switch	Each						
64	Crank Case Heater	Each						
65	Repair of Sequence Controller	Job						
66	Supply of Sequence Controller 1+2	Each						
67	Installation of 1+2 Sequence Controller	Job						
68	Supply of Sequence Controller 1+4	Each						
69	Installation of 1+4 Sequence Controller	Job						
70	Supply of Sequence Controller 1+6	Each						
71	Installation of 1+6Sequence Controller	Job						
72	Supply of Sequence Controller 1+8	Each						
73	Installation of 1+8 Sequence Controller	Job						
74	Re-soldering of Evaporator Unit	Job						
75	Replacement of Fuse Case	Each						
76	Replacement of Contactor Strip	Each						
77	Dismantling of Complete AC Units	Job						
78	Installation Testing and commissioning of Complete AC Unit (Condensing & Evaporative unit)	Job						
79	Shifting and installation of Condensing AC Unit	Job						
80	Shifting and Installation of Evaporative Unit	Job						
81	Rearrangement / Fitting of Copper Pipes Per Feet	Job						
82	Supply of Discharge Line Copper Pipe RFT	RFT						
83	Supply of Suction Line Copper Pipe RFT	RFT						
84	Supply of Brass Coupling	Each						
85	Supply of Elbow Suction Pipe Line	Each						
86	Supply of Elbow Discharge Pipe Line	Each						

87	Rearrangement of Electric Wiring	Job						
88	Supply of Vibration Eliminator of Compressor Suction & Discharge Line	Each						
89	Power Cable Flexible 6mm Four Core ( Pak / New AGE / Fast Cable) Per Meter	Meter						
90	Power Cable Flexible 10mm Four Core ( Pak / New AGE / Fast Cable) Per Meter	Meter						
91	Power Cable Flexible 16mm Four Core ( Pak / New AGE / Fast Cable) Per Meter	Meter						
92	Power Cable Flexible 7/44 mm Two Core ( Pak / New AGE / Fast Cable) Per Meter	Meter						
93	Supply of DP Box 6 * 8" SqInch	Each						
94	Supply of DP Box 10 *12" SqInch	Each						
95	<ul style="list-style-type: none"> <li>Complete PMR of AC Units once a year &amp; twice a year for all AC units in LTR</li> <li>Dismantling and servicing of Inner Unit up to 4 Ton including Water Washing with Detergent, Blowering &amp; reinstallation along with minor electrical wiring works and for above 4-Ton on stand as per manufacturer recommended PMR tasks</li> <li>Complete servicing of Outdoor including Blowering, Water Washing with Chemical /Detergent, Blowering, Re-arrangement/Repairing of Wiring, Testing and commissioning)</li> </ul>	Job						
96	Supply of Drain Pipe 3/4 " Dia GI RFT	RFT						
97	Installation of 3/4 " Dia GI RFT	Job						
98	Supply of Drain Pipe 1 " Dia GI RFT	RFT						
99	Installation of 1 " Dia GI RFT	Job						
100	Supply of Drain Pipe 1-1/4 " Dia GI RFT	RFT						
101	Installation of 1-1/4 " Dia GI RFT	Job						
102	Supply of Drain Pipe 1-1/2 " Dia GI RFT	RFT						
103	Installation of 1-1/2 " Dia GI RFT	Job						
104	Supply of Drain Pipe 2 " Dia GI RFT	RFT						
105	Installation of 2 " Dia GI RFT	Job						
106	Supply of Drain Pipe 2-1/2 " Dia GI RFT	RFT						
107	Installation of 2-1/2 " Dia GI RFT	Job						
108	Supply of Drain Pipe 3/4 " Dia UPVC RFT	RFT						
109	Installation of Drain Pipe 3/4 " Dia UPVC RFT	Job						
110	Supply of Drain Pipe 1 " Dia UPVC RFT	RFT						
111	Installation of 1 " Dia UPVC RFT	Job						
112	Supply of Drain Pipe 1-1/4 " Dia UPVC RFT	RFT						
113	Installation of 1-1/4 " Dia UPVC RFT	Job						



114	Supply of Drain Pipe 1-1/2 " Dia UPVC RFT	RFT						
115	Installation of 1-1/2 " Dia UPVC RFT	Job						
116	Supply of Drain Pipe 2 " Dia UPVC RFT	RFT						
117	Installation of 2 " Dia UPVC RFT	Job						
118	Supply of Drain Pipe 2-1/2 " Dia UPVC RFT	Job						
119	Installation of 2-1/2 " Dia UPVC RFT							
120	Supply and installation of Insulation Tap	Job						
121	Supply and installation of Corrugated Pipe Per Meter	Each						
122	Supply of Aero Flex Pipe ( Installation per Meter)	Each						
123	Replacement of Power Plug	RFT						
124	Replacement of Light Plug	RFT						
125	Supply of Control Cable RFT	RFT						
126	Installation of Control Cable	Each						
127	Supply of Outdoor Unit Iron Bracket / Frame	Job						
128	Supply of Indoor Unit Iron Bracket / Frame	Job						
129	Shelter for Protection from Sunlight Sqft	Each						
130	Complete Servicing of Indoor and Out Door Units (General Type)	Job						
131	Replacement of Remote Control	Each						
132	Repair of Remote Control	Job						
133	Replacement of Auto Restart Kit	Each						
134	Repair of Auto Restart Kit	Each						
135	Supply of Indication Light Main Board	Each						
136	Replacement of Selector Switch	RFT						
137	Replacement of Thermostat Switch	Job						
138	Supply of PVC Duct 25 * 25	RFT						
139	Installation of PVC Duct 25* 25	Job						
140	Supply of PVC Duct 40 * 40	RFT						
141	Installation of PVC Duct 40* 40	Job						
142	Supply of PVC Duct 60 * 60	RFT						
143	Installation of PVC Duct 60* 60	Job						
144	Supply of PVC Duct 80 * 80	RFT						

145	Installation of PVC Duct 80* 80	Job						
146	Supply of PVC Duct 100* 100	Meter						
147	Installation of PVC Duct 100 * 100	Each						
148	Maintenance Charger of minor Faults	Each						
149	Replacement of Circuit Breaker ( Fuji/MG) Single Pole	Each						
150	Replacement of Circuit Breaker ( Fuji/MG) Three Pole	Each						
151	Replacement of Indoor Filters	Each						
152	Service of AC units	Job						
153	Supply of Tie Packet 5-75mm	Each						
154	Opening and repairing hole for AC Piping	Job						
155	Foundation Making for Out Door AC Unit	Sqft						