

## **HIRING OF SERVICES FOR ROUND THE CLOCK OPERATION / MAINTENANCE CONTRACT OF HVAC & KITCHEN EQUIPMENTS INSTALLED AT VARIOUS LOCATIONS OF PIA PREMISES KARACHI & OUT STATIONS**

Pakistan International Airlines (PIA) intends to invite tenders for hiring of services from HVAC&R firms / companies registered with Pakistan engineering council 2025 Minimum in C6 with Specialized code (ME01/ME06) and having vast experience to provide operation, maintenance, repair and overhauling / servicing (routine & annually) with optimum performance and efficiencies.

### **Submission of Bids:**

The bidding process shall be carried out on "Single Stage, Two Envelop" basis as per PPRA rules # 36(a). Bidding documents, containing detailed terms and conditions, etc. are available electronically and can be downloaded from PIA Website [www.piac.com.pk](http://www.piac.com.pk), PPRA Website [www.ppra.org.pk](http://www.ppra.org.pk) as well as from PPRA E-PADS <https://eprocure.gov.pk/#/auth/login>. Bidders need to get registered at E-PADS (PPRA) to access the tender document and other relevant information including electronic bid submission. Price of the bidding documents is PKR 10,000 (non-Refundable) and Bid security PKR 250,000 /- (refundable) for each location separately to be submitted through a pay order in the name of PIACL along with technical proposal.

The bids prepared in accordance with the instructions in the bidding documents must be submitted through EPADS on or before 18-3-2025 at 1100 Hrs (PST). Bids will be opened on the same day at 1130 Hrs through EPADS. Bidders MUST submit their bids through E-PADS, Manual submission of bid without E-PADS electronic bid is NOT allowed. The original Pay Order for Tender Fee & Bid Security to be submitted with hard copy of Technical Proposal and Financial Proposal addressed to GM Facilities Management Department, PIA Head Office, Karachi, as per above mentioned date & time. PIACL reserves the right to reject any or all bids or cancel the tender process at any stage in line with PPRA rules.

If any query related to this notice, please feel free to contact email: [works.officerhvac&r@piac.aero](mailto:works.officerhvac&r@piac.aero)

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## INVITATION TO BID

### **HIRING OF SERVICES FOR ROUND THE CLOCK OPERATION / MAINTENANCE CONTRACT OF HVAC & KITCHEN EQUIPMENTS INSTALLED AT VARIOUS LOCATIONS OF PIA PREMISES KARACHI & OUT STATIONS**

PIA intends to hire services from HVAC&R firms / Companies having vast experience to provide operation, maintenance, repair services (routine & annually) overhauling, skillfully by up keeping equipment with optimum performance efficiencies and 100% serviceability all type of HVAC&R & Mechanical equipments, Exhaust System through technically qualified, proven and well experienced staff on general shift, two & three shift basis (Five & Seven days a week), to achieve the desired standards.

Technical and financial proposals are invited from HVAC&R firms / Companies having vast experience for operational / Maintenance contract of HVAC&R, Equipments on round the CLOCK basis for a period of one year as operation / Maintenance contractor. Following details supported by documents must be provided with the technical proposals:

- Bio data of firm, name, office address, telephone / fax numbers, e-mail address and web site etc.
- Details of work shop facility along with pickup van
- List of Operation / Maintenance contract completed / in hand confirming experience on Reciprocating Chillers & split type air-conditioning plants and all type of mechanical equipments and hot water system supported by work Order / satisfactory Completion Certificate of contract from client, Firm Must have at least one contract completed during last five years as per below table,

SR NO.	LOCATION	STATION	Capacity limit	Minimum amount Work done per annum
1	ENGINE OVERHAUL, ALLIED SHOPS, FLIGHT OPERATION BUILDING & ENGINEERING AREA "A" - KAP	KARACHI	Upto 250 TR	Rs.11.78 Million
2	ENGINEERING AREA "B" & CARGO, DOMESTIC CARGO, TGS, JIAP-KAP	KARACHI	Upto 20 TR	Rs. 8.27 Million
3	PIA FLIGHT KITCHEN	KARACHI	Upto 135 TR	Rs. 16.67 Million
4	ISPHANI HANGER, PNEUMATIC SHOP / JET TEST ENGINEERING AREA	KARACHI	Upto 20 TR	Rs. 3.46 Million
5	PTC BUILDING	KARACHI	Upto 20 TR	Rs. 2.53 Million
6	SIMULATOR BUILDING, COMPUTER BUILDING & CORPORATE SAFETY BUILDING	KARACHI	Upto 40 TR	Rs. 8.34 Million
7	PIA AVIATION BUILDING, ENGINEERING AREA, INTERNATIONAL CARGO, DOMESTIC CARGO, TGS & SALES OFFICE BLUE AREA	ISLAMABAD	Upto 60 TR	Rs. 5.95 Million
8	PIA SALES OFFICE / AIRPORT AREA	MULTAN	Upto 20 TR	Rs. 3.52 Million
9	PIA SALES OFFICE / AIRPORT AREA	PESHAWER	Upto 20 TR	Rs. 3.10 Million
10	PIA SALES OFFICE / AIRPORT AREA QUETTA	QUETTA	Upto 20 TR	Rs. 3.78 Million

- List of Engineers / Technical staff presently on payroll and their qualification with experience along with documentary proof.
- Valid registration certificate with Pakistan Engineering Council in the field of specialization code (ME01 / ME06) having category C6 or above.
- Financial stability certificate from bankers along with bank statement of last three years.

- Details of enlistment with Govt. Semi Govt. and other Organization / Corporation.
- Affidavit to the effect that the firm was not black listed and also not in litigation with any Department / Organization OR details of Litigation / Arbitration (if any)
- Registration certificate in-respect of GST, Income Tax, Professional Tax and SGST etc.
- Incomplete Technical and Financial Proposal will not be considered

**Submission of Bids:**

- The bidding process shall be carried out on “Single Stage, Two Envelop” basis as per PPRA rules # 36(a).
- Bidding documents, containing detailed terms and conditions, etc. are available electronically and can be downloaded from PIA Website [www.piac.com.pk](http://www.piac.com.pk), PPRA Website [www.ppra.org.pk](http://www.ppra.org.pk) as well as from PPRA E-PADS <https://eprocure.gov.pk/#/auth/login>. Bidders need to get registered at E-PADS (PPRA) to access the tender document and other relevant information including electronic bid submission. Price of the bidding documents is PKR 10,000 (non-Refundable) and Bid security PKR 250,000 /- (refundable) for each location separately to be submitted through a pay order in the name of PIACL along with technical proposal.
- The bids prepared in accordance with the instructions in the bidding documents must be submitted through EPADS on or before 18-3-2025 at 1100 Hrs (PST). Bids will be opened on the same day at 1130 Hrs through EPADS. Bidders MUST submit their bids through E-PADS, Manual submission of bid without E-PADS electronic bid is NOT allowed. The original Pay Order for Tender Fee & Bid Security to be submitted with hard copy of Technical Proposal and Financial Proposal addressed to GM Facilities Management Department, PIA Head Office, Karachi, as per above mentioned date & time. PIACL reserves the right to reject any or all bids or cancel the tender process at any stage in line with PPRA rules.
- If any query related to this notice, please feel free to contact email: [works.officerhvac&r@piac.aero](mailto:works.officerhvac&r@piac.aero)

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## **1. SCOPE OF BID**

PIA intends to hire services from an HVAC&R firms / Companies having vast experience of operation, maintenance, repair services routine & annually must have capacity of overhauling plants / equipments skillfully by up keeping maintenance of equipment at optimum performance / efficiencies with 100% serviceability all type of HVAC&R Equipments, Exhaust System by competent, technically qualified, well experienced staff general shift, two & three shift basis,(Five& Seven days a week), to achieve the desired standards for the following locations each separately.

### **LOCATION:**

SR NO.	LOCATION	STATION
1	ENGINE OVERHAUL, ALLIED SHOPS, FLIGHT OPERATION BUILDING & ENGINEERING AREA "A" – KAP	KARACHI
2	ENGINEERING AREA "B" & CARGO, DOMESTIC CARGO, TGS, JIAP-KAP	KARACHI
3	PIA FLIGHT KITCHEN	KARACHI
4	ISPHANI HANGER, PNEUMATIC SHOP / JET TEST ENGINEERING AREA	KARACHI
5	PTC BUILDING	KARACHI
6	SIMULATOR BUILDING, COMPUTER BUILDING & CORPORATE SAFETY BUILDING	KARACHI
7	PIA AVIATION BUILDING, ENGINEERING AREA, INTERNATIONAL CARGO, DOMESTIC CARGO, TGS & SALES OFFICE BLUE AREA	ISLAMABAD
8	PIA SALES OFFICE / AIRPORT AREA	MULTAN
9	PIA SALES OFFICE / AIRPORT AREA	PESHAWER
10	PIA SALES OFFICE / AIRPORT AREA QUETTA	QUETTA

**Note: The lowest of each area will be awarded separately.**

Technical and financial proposals are invited from firm expert in HVAC&R equipments for operation / Maintenance contracts of all type of installed equipment of HVAC&R Equipments on round the year basis as operation / Maintenance contractor.

All participants are required to send their "Technical" and "Financial" proposals sealed separately for each area in one envelope clearly marked on top right side of envelope "Technical" and "Financial" proposals.

The technical proposal will be opened in presence of all the participants on the due date. After detailed scrutiny of technical proposal as per TOR the "Financial" proposal of only successful parties will be opened in presence of their representative on specified date inform separately. The envelope of Financial Proposal of unsuccessful parties will be returned un-opened.

## **2. SUBMISSION OF TENDER**

1. You are required to send your technical and financial proposals separately for each area, sealed separately enclosed in envelop to the office of Finance Section (Facilities Management), Room No.293 2nd floor PIA Head Office Building, Karachi Airport – Karachi by **18-3-2025** at 11:00 hrs on the specified date. You may also send you're tender through registered A/D mail addressed to General Manager (Facilities Management), which must reach before the closing date and time mentioned above. Tenders will be opened at 11:30 hrs on the same day in the presence of tenderers.

2. Tenders received after stipulated date & time shall not be considered. The corporation will not be responsible for postal delays. The decision of competent authority in this respect shall be final and binding.

### **EARNEST MONEY**

The tender should be accompanied an earnest money of Rs. 250,000/- (for each location separately) in shape of pay order in favor of PIA. No tender without earnest money shall be considered.

### **PREPARATION OF TENDER**

The tender should be enclosed in double cover. The inner cover should be sealed having enclosed the following documents.

- a) The tender duly filled in, signed and sealed.
- b) Pay order for earnest money of Rs. 250,000/-
- c) Undertaking on Rs. 100/- or above non-judicial stamp paper duly signed and stamped by a public notary / oath commissioner.
- d) Reference of tender mark on envelop
- e) Validity of tender prices must be for 90 days.

The outer cover should bear address of the General Manager (Facilities Management Division), 1st Floor, PIA Flight Operation Building Karachi Airport, Karachi and reference number of the tender with opening date of tender.

The tender will be considered in-complete if required information is not given therein.

Authorized Signature of the individual signing the tender and other documents connected with the contract must specify whether signing as:

- a) Sole proprietor or his attorney.
- b) A registered active partner of the firm or his attorney.
- c) For the firm per procreation.
- d) As secretary, Manager and Partner etc or their attorney in case of firm registered under partnership act.
- e) The tender must indicate whether its firm / company / organization is registered anywhere specify the registration number.

Seals & Signature  
of the contractor

For **Pakistan International Airlines**

## **PRICES**

- a) The prices quoted must be net as per accounting unit as shown in the schedule to the tender inclusive of all duties / taxes, parking, and delivery charges for free delivery to Karachi Airport. However, if GST is applicable, same should be shown separately.
- b) The prices mentioned in the tender will be treated as full and final till the completion of work order / contract.
- c) Bid offer must be valid for 90 days.

## **ACCEPTANCE OF TENDER**

PIA do not pledge themselves to accept the lowest tender having reserve the right to accept or reject any or all tender / quotations, divide business among more than one supplier or accept the tenders at rates on lowest individual items or extend the date of opening with assigned reason.

## **PREPARATION OF TENDER**

The tender should be submitted in sealed separately enclosed envelop .Each bid shall be comprise in single envelope containing separately, financial and technical proposals.

All bids shall be opened and evaluated in the manner as prescribed in the bidding document.

## **PRICES**

- a) The prices mentioned in the tender will be treated as full and final till the completion of work order / contract.
- b) The prices must be mentioned for each item separately both in words and figures in Pakistani currency. Additional information, if any must be linked with entries on the schedule to tender.
- c) Bid offer must be valid for 90 days with a further period of 90 days.

## **DURATION OF CONTRACT**

Contract will be awarded for a period of one year, extendable for further two terms subject to the satisfactory performance and mutual consent.

Seals & Signature  
of the contractor

**For Pakistan International Airlines**

### **3. TERMS AND CONDITIONS OF THE TENDER**

1. Since the spirit and the purpose of this contract is to establish and maintain comfortable environmental condition i.e. 24°C within the conditioned areas through 100% serviceability of all the HVAC equipments and up-keeping their performance efficiencies so if at any time, owing to any reasons whatsoever, comfort conditions within the conditioned areas are not achieved for more than three days or the serviceability of the plants, equipments and installations, etc. decrease, a proportionate amount shall be deducted from the monthly bill of the contractor.
2. THE COST OF CONTRACT WHATSOEVER SHALL BE INCLUSIVE OF THE FOLLOWING MATERIALS AND SERVICES ETC.
  - a) All type of refrigerants, nitrogen, oxygen, acetylene gases, all lubricants and compressor oils etc. All types of driers and expansion valves and capillaries and gear box oil, etc.
  - b) Dusters, cotton waste, linen pieces, kerosene oil, petrol and other solvent for cleaning and washing purpose and various decaling chemicals for decaling of interiors, exteriors of the various HVAC&R equipments etc.
  - c) All types of ball bearings and roller bearings, pedestal bearings, bushes, packing rings all kinds of packing, flexible couplings, gaskets, oil seals, V-belts, nuts, bolts, washers, screws, fan blades, blowers foundation bolts and nuts etc. thermostat, selector switch, PVC connection for water cooler.
  - d) Thermo pore, thermo flex, glass wool insulation cotton cloth and adhesives foam filters involved in piping and duct insulation etc. paints & red oxide etc.
  - e) Repairing of all kinds of solenoid coils, electronic circuits / plate, relays, overloads starters, transformers, circuit breakers, thermostat and various electric controls upto 25 Amp capacity, capacitor, holders, two pin and three pin plug. All type of fuses / screw type and pin type holders related with HVAC equipments.
  - f) Rewinding / repair of electric motor replacement of ball bearing / bushes etc. upto 7.5 HP and repair / replacement / rewinding etc. of all type of compressor upto 5 Ton capacity.
  - g) All type petty welding and fabrication works related to all the equipments, installation and systems etc.
  - h) Labour charges and transportation, lifting / re-fixing charges for all purposes of the contract.
3. All the plants and equipments shall be operated / maintained / serviced and repaired by technically qualified, trained and experienced staff strictly as specified above for which clearance / approval of Manager HVAC&R or his nominated representative shall be obtained prior to taking-over the site.
4. A staff attendance register should have to be maintained at site and shall be regularly checked and signed by PIA Officer and the same original attendance sheet shall be submitted along with the bills as document. In case of absent of any contractual staff, the following category wise deductions shall be made from the monthly bill of the contractor.

Site Engineer	Rs. 1,500/- per day
Site Supervisor	Rs. 1,167/- per day
Mechanic cum Electrician, Boiler Attendant, Plumber & General Electrician	Rs. 1,000/- per day
A/c Operator, Skilled Labor & Reliever	Rs. 833/- per day

5. The contractor shall ensure that their site staff strictly maintain discipline at PIA premises and strictly comply with the instructions issued from time to time by the Manager HVAC&R or his nominated representative. The defaulters shall be terminated immediately.

6. In case, any equipment or part or component thereof is required it be removed from the system for repairs / replacement or modification, the contractor must obtain prior approval in writing from the Manager HVAC & R or his nominated representative, explaining reasons for such requirements.
7. The contractor shall be bound to provide to their staff at site their own risk and cost, all the related tools, testing equipments, kits, materials decaling sets and effective decaling materials, welding sets, high vacuum pumping sets, gas charging plants, all kind of refrigerant (R-22, R-134, R-410a, R-12 and R-502) and nitrogen/oxygen/acetylene gases etc. necessary to expedite operation, servicing reasons for such requirements.
8. PIA shall not pay for the material involved in such repairs which shall occur due to neglectful operation / maintenance and servicing of the equipment by the contractor's staff.
9. It shall be the sole responsibility of the contractors without any extra financial claim, to keep all the indicating devices, instruments, controls, safety devices (electronics, electrical, mechanical, hydraulic and pneumatic employed on various equipments and systems perfectly. Malfunctioning or inoperative or ineffective or missing a plenty of Rs.500/- (Rupees Five Hundred only) per day shall be deducted from the monthly bill of the contractor but not beyond three days since the date of detection.
10. All the repairs / replacement and rectification of the defects and malfunctioning of the equipment must be attended in time. Plants, equipments and components etc. must be restored to their normal but efficient and productive functioning within ten days or the stipulated target, whichever is less beyond which a penalty of Rs. 1000/- (Rupees One Thousand only) per day shall be deducted from contractor monthly bills or from any outstanding dues. In case of delay beyond ten days from the stipulated target, PIA shall get the said works / repairs completed at the risk and cost of the contractors from any other party and in-addition to deduction of penalty of Rs. 1000/- (Rupees One Thousand Only) per day till restoration of normal productive operation of the equipment. Moreover any operational requirement pertain to sensitive equipments installed in the conditioned space is to be suffered and incase the contractor is failed to rectify the same within 3 days time period, the said repair work will also be carried out by the other party but on the risk and cost of operation / maintenance contractor.  
In view of the above, the contractors shall keep sufficient stock of all the related materials at site with detailed information of these to the Manager HVAC&R or his nominated representative in order to meet emergencies etc. promptly.
11. Spare parts, other than mentioned in Clause 2 of above and not as a result of neglectful operation by the contractor's staff shall be supplied by PIA to the contractor on demand for replacement. In case the same is not available with PIA the contractor shall be asked by PIA to provide the same without delay on extra payment i.e. actual cost of the items inclusive of GST plus 10% handling charges.
12. The contractors must maintain temperature record sheet indicating ON / OFF/ timing, volts, amperes and temperatures (grill and room) of the all air-conditioning plants installed in various areas duly countersigned by users and the same is to be submitted to Manager HVAC&R or his nominated representative on daily basis. A logbook shall also be maintained at the site indicating the daily service condition and daily / weekly checkup / maintenance / servicing information of all the air-conditioning plants.
13. All gazette holidays are inclusive and no extra claim shall be entertained for operation / maintenance works on official holidays if required. One day weekly off may be allowed to workers as per labor law in such a way that operation should not suffer.



14. None of the contractual staff shall taken away from site without prior approval of the Manager HVAC&R or his nominated representative. Each contractual staff must carry or display on their shoulders / chest contractor's identification while on duty. The defaulter shall be terminated and the contractors shall be penalized @ Rs. 500/- (Rupees five Hundred only) per day, defaulter to be deducted from contractors monthly bills.
15. The contractor who shall be awarded the contract shall have to execute an Agreement on non-judicial stamp paper with PIA.
16. The bidder must inspect the site before quoting the rates, PIA have the right to reject any bid with unrealistic rates or unworkable rates without assigning any reasons.
17. The bidder must furnish along with bid the breakup of their quote as under. If the breakup is not mentioned the bid shall be considered as INCOMPLETE BID.

Total Wages  
Cost of Material  
Govt. Tax  
Profit

18. 10% of the total amount of monthly bill will be kept as security deposit for a period of 12 months for guarantee period and shall be refundable at the end of maintenance period, if the work is entirely found satisfactory.
19. The contractor shall personally visit the equipments at least thrice a week and shall be available on telephone at site in case of problem.
20. In order to achieve comfortable temperatures within the areas at 07:00 hours the contractors must depute their operating staff to start operation of the air conditioning system at least one hour earlier i.e. 06:00 hours.
21. To get clearance for 100% serviceability of steam boilers and its allied components from the Chief Boiler Inspector, Govt. of Sindh, after annual servicing / any repairs each time.
22. The contractor shall personally visit the equipments at least thrice a week and shall be available on telephone at site in case of problem.
23. The minimum wages to be paid by the contractor to its staff, shall not less than Rs. 25,000/- per month.
24. Any time to time addition of HVAC equipment in the existing inventory.
25. The said contract can be extendable for further period of two terms with mutual consents of the if found satisfactory.
26. The contractor shall bound to pay the salary to its staff at least for three months during the first week of each month irrespective of their bills, either cleared or not by the corporation (PIA).
27. It shall be the sole responsibility of the contractors without any extra financial claim to PIA.

- a) To follow various maintenance schedules of the steam boilers and their allied equipments and controls etc. to upkeep their efficiencies
  - b) To ensure regular soft water supply to boilers with regular use of water treatment chemicals and PH value testing kit and though proper functioning of water softening equipment etc.
  - c) To get clearance for 100% serviceability of steam boilers and its allied components from the Chief Boiler Inspector, Govt. of Sindh, after annual servicing / any repairs each time.
28. A daily operation data record sheet two hourly basis shall be maintained (in duplicate) at the site by contractors and original shall be submitted daily to PIA representative. It shall indicate the following:-
- a) ON / OFF timing and ambient temperature and vacuum record of absorption machines.
  - b) Incoming voltage and ampere on main electric panel.
  - c) Condenser water temperatures and pressures at inlet and outlet of absorption machines and amperage of condenser water pumps and cooling tower drive.
  - d) Chilled water temperatures and pressures inlet and outlet of absorption machines and amperage of chilled water pumps.
  - e) Water temperature and pressures at inlet and outlet of each air handling units and temperature at grill and amperage of AHU drive.
  - f) Performance record of steam boilers heat exchanger and water softener.
  - g) Record showing quantity / ratio of water treatment chemicals with time intervals and results of testing kit etc. and PH value of condenser water.
29. Due to any reasons, whatsoever, if the serviceability of the plants, equipments, systems and installation etc. shall decrease, a proportionate amount shall be deducted from the monthly bills of the contractors
- a) A daily un-serviceability (area –wise) report showing the date, brief of repair required and target date of the equipment under breakdown shall be prepared (Duplicate) by 10:00 AM daily and submitted to the manager HVAC&R or his nominated representative on the same day
  - b) A daily operation date record sheet (two hourly basis) shall be maintained (in duplicate) at the site by the contractors and original shall be submitted daily to PIA representative for the following:
    - i. For the performance of all the Freezers and cold storage, Ice cube Machine, Filtering plants
    - ii. For the performance of Steam Boilers.
    - iii. For the performance of central chillers, Air conditioning system and various air conditioning units etc.
30. Three sets of proper uniform with contractors identification and designation identification and three sets of black shoes shall be provided by the contractors to each member of site staff, otherwise a penalty of Rs. 500/- (Rupees five hundred only) per day per defaulter will be deducted from the monthly bills of the contractors.
31. The contractor must submit a certificate along with their monthly operation bill duly certified by the concerned works officer (HVAC) that the salary paid by the contractor to its staff, is according to the wages as mentioned in the tender.
32. Manager HVAC&R or his nominated representative shall see from time to time that the above mentioned instructions terms and conditions are being strictly followed. In case of violation of any of these, Manager HVAC&R can terminate the contract through a written one-month notice and the firm will also be black-listed.
33. It shall be the sole responsibility of the contractor without any extra financial claim, to keep all the indicating devices, instruments, controls, safety devices (electronics, electrical and mechanical and hydraulic and pneumatic) employed on various equipments and systems, perfectly calibrated effectively

functioning. In case any of this is found detected malfunctioning or inoperative or ineffective or missing a penalty of Rs. 1000/- (Rupees One thousand only) per day shall be deducted from the monthly bills of the contractors but beyond three days since the date of detection.

34. Any financial loss to PIA i.e. loss of raw material of production, loss or damages to the equipment owing to malfunctioning the equipment or indicating devices or delay beyond the stipulated period, in restoring the operation of the equipment by the contractor's staff, shall be deducted from the monthly bill or outstanding bills of the contractors.
35. A detailed list of all above shall be submitted to the Manager HVAC&R or his nominee at the time of Handing over / Taking Over. None availability of any of the above facilities at site at any time shall force PIA to penalizes the contractors @ of Rs. 1000/- Per day.
36. It shall be the sole responsibility of the contractors without any extra financial claim to PIA.
  - a) To follow various maintenance schedules of the Hot water Geyser and their allied equipments and controls etc. to upkeep their efficiencies.
  - b) To ensure regular soft water supply to Geyser with regular use of water treatment chemicals and PH-value testing kit and through proper functioning of water softening equipment etc.
37. Staff daily attendance register shall be maintained at the site and shall be regularly checked & signed by HVAC Officer. Monthly original staff attendance sheet shall be submitted along with the operation/maintenance bills. In case of contractor's staff found absent from the duty/site the amount of absent period will be deducted from the bill of the contractor as per wages (category wise) mentioned by the contractor in clause 04 of Terms and Conditions of the tender.
38. The contractor is responsible for dismantling / re-installation of existing A/c unit from one place to other place (inclusive of installation new A/c Unit) by utilizing existing old materials. In case additional material is to be required, PIA will provide the same on approved TC schedule rates.
39. The contractors shall ensure that their site staff strictly maintain discipline at the PIA premises and strictly comply with the instructions issued from time to time by the Manager HVAC&R or his nominated representative The defaulters shall be penalized @ Rs. 5000/- for each case.
40. The contractor shall be responsible to arrange security passes to their operational staff upon receipt of work order and if any type of amount for such requirement is involved, the same will be paid by the contractor.

**1. ENGINE OVERHAUL, ALLIED SHOPS, FLIGHT OPERATION**  
**BUILDING & ENGINEERING AREA "A" - KAP**

# **TECHNICAL EVALUATION CRITERIA**

Total marks –100  
Qualifying marks – 75

All the applicants to please note that as per PPRA Rules and Regulations, all the documents/statements submitted by a Firm/Company for its pre-qualification are under Oath.

Any document/statement provided if proved false, mis-stated, concocted, or incorrect proved at any time, during or after Pre-qualification will result into permanent disqualification and black listing of the firm/Company/Partners with their names displayed on PPRA website.

## **Particulars of the Company**

Company (complete data required in the pre-qualification documents).

1. Year of establishment of the firm/Company as HVAC contractor confirmed through registration of PEC along with the certificate in corporation, Office address, Telephone, Fax, E-mail & website.

**(Marks Allocated – 10)**

i	1 -3 Years	03	
ii	4-6 Years	05	
iii	7-9 Years	07	
iv	10 and above Years	10	

2. Work shop, Tools & Plants and Vehicle Facility.

**(Marks Allocated – 15)**

i	Work Shop	05	
ii	Vehicle (model should not be less than 5 years)	05	
iii	List of Tools and Plants	05	

3. Operation / Maintenance contracts of HVAC & R, Mechanical Equipments and Kitchen Equipments Executed / In hand (under one roof) along with satisfactory completion certificate from Client as one contract cost not below Rs.11.78 million per year.

**(Marks Allocated –20)**

i	01 - 02 ( No: of Contracts)	10	
ii	03 - 04 (No: of Contracts)	15	
iii	05 and above (No: of Contracts)	20	

4. List of Engineers / Technical staff, their qualification and experience along with documentary proof presently available on payroll (Providing 20 Staff)  
(Required Qualification and experience of the staff as per annexure)

**(Marks Allocated – 10)**

i	4 – 9	04	
ii	10-19	06	
iii	20 and above	10	

5. Valid registration certificate with Pakistan Engineering Council in the field of specialization code (ME01 / ME06) having category C6 or above.

(Marks Allocated – 05)

i	1- 2 years	02	
ii	3- 5 years	03	
iii	6 and above years	05	

6. Litigation History of the Firm.

(Marks Allocated – 05)

I	No Litigation. (at Present)	05	
li	Black Listed / on going litigation	0	

7. Penalty/Fine Imposed

(Marks Allocated – 05)

I	No penalty	05	
li	1 penalty	03	
lii	2-3 penalties	02	
lv	4 and above penalties	00	

8. Financial Standing / Status Of Firm

- A. Income tax paid during the last 05 years (Attached -audited income Tax. Statement/balance sheet / receipted Tax Challans.

(Marks Allocated – 10)

I	Income Tax paid under Rs.0.1 – 0.2 million per Year.	03	
li	0.3 – 0.4 million per year	05	
lii	0.5 – 0.6 million	07	
lv	0.7 million and above	10	

- B. Average annual turnover (for the last five years)

(Marks Allocated – 10)

I	Annual turnover Rs.10 million and above (A Class)	10	
li	Annual turnover Rs. 5 – 9.9 million (B Class)	7	
lii	Annual turnover up to Rs.1 – 4.9 million (C Class)	5	

- C. Financial standing of the firm / Company

(Marks Allocated – 05)

I	Last 03 years net worth statement (duly certified by a Chartered Accounts firm.	02	
li	minimum funds available Rs. 1.0 - 5.0 million- (required bank statement)	03	

**Note:** Attested copy of Bank Statement, showing list of one year transaction must be attached.

9. Valid Registration certificate in-respect of GST, SGST + Income Tax etc

(Marks Allocated – 05)

I	Yes	05	
li	No	0	

Payment of tender cost Rs. 10,000/- each (non refundable) in shape of pay order in favour of PIA.

ENGINE OVERHAUL& AREA "A" – KAP		Documents submitted		Meeting requirement	
		YES	NO	YES	NO
The minimum staff which must always be made available at site by the contractor is as under.					
<p><b><u>SITE SUPERVISOR</u></b> Three years Diploma of Associate Engineer in Air Conditioning with seven years experience.</p>	01 No.				
<p><b><u>AIR CONDITIONING MECHANIC</u></b> Qualified with 1 year Technical Certificate Course, Having five years experience on cold storages and air conditioning chiller etc.</p>	04 Nos.				
<p><b><u>AIR CONDITIONER PLANT OPERATOR</u></b> Qualified with Two years experience of operating absorption and reciprocation chillers.</p>	11 Nos.				
<p><b><u>BOILER ATTENDANT</u></b> Technical qualified and 2<sup>nd</sup> class boiler competency certificate with seven years experience.</p>	03 Nos.				
<p><b><u>PLUMBER / GENERAL FITTER</u></b> Technical qualified with ten years experience on absorption air conditioning / chiller system</p>	01 No.				
<b>Total Staff---- 20 Nos.</b>					

All above are mandatory requirements. Non compliance of any of the above, will make the bidder non responsive

# INVENTORY OF ENGINE OVERHAUL SHOP, FLIGHT OPERATION / WORKS BUILDING AND ENGINEERING AREA "A"

## ENGINE OVERHAUL SHOP (ABSORPTION CHILLER)

➤	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
1.	Absorption chiller plant YORK capacity	250 ton	01 No.	1994	OP
2.	Steam Boiler	5HP	01 No.	1994	OP
3.	Air handling unit from	2HP to 15HP	14 Nos.	1994	OP
4.	Cooling tower	500 Ton	01 No.	1994	OP
5.	Condenser water pumping set	40 HP / each	02 Nos.	1994	OP
6.	Chilled water pumping set	25 HP /each	02 Nos.	1994	OP
7.	Chilled water pumping set	25 HP /each	02 Nos.	1994	OP
8.	Condenser water pumping set	40 HP / each	02 Nos.	1994	OP
9.	Feed pumps motor	0.45 HP /each	06 Nos.	1994	OP
10.	Feed tank		03 Nos.	1994	OP
11.	Main electric panel		04 Nos.	1994	OP

## ENGINE OVERHAUL SHOP

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
12.	Bench Fitting Area (Sabro Split)	4.0 Ton/Each	02 Nos.	2007	OP
13.	Staff Change Room (Sabro Split)	1.5 Ton/Each	02 Nos.	2007	OP
14.	Repair & Mod Section (Kenwood/Sabro Split)	1.5 Ton/Each	02 Nos.	2012/2007	OP
15.	Bearing Shop (Haier Split)	1.5 Ton/Each	02 Nos.	2012	OP
16.	Airfoil Section (Sabro Split)	8.0Ton	01 No.	2007	OP
17.	CF – 6 (Sabro Split)	16 Ton/Each	09 Nos.	2007	OP
18.	CF – 6 (Sabro Split)	8.0 Ton	01 No.	2007	OP
19.	E – Room (Sabro Split)	4.0 Ton	01 No.	2007	OP
20.	E – Room (Sabro Split)	8.0 Ton	01 No.	2007	OP
21.	Plating Shop Library (Sabro Split)	1.5 Ton	01 No.	2007	OP
22.	Plating Shop Library (General Split)	1.5 Ton	01 No.	2000	OP
23.	CF – 6 (Dot Section) ATR Shop (Sabro Split)	8.0 Ton/Each	04 Nos.	2007	02(OP)/02(W.O)
24.	Slandered Room (Enviro Split)	1.5 Ton	01 No.	2018	OP
25.	Planning Cell (Kenwood Split)	1 Ton	01 No.	2012	OP
26.	Cleaning Shop (Kenwood Split)	1.5 Ton	01 No.	2012	OP
27.	CF – 6 Change Over Room + Mosque (TCL Split)	2.0 Ton/Each	02 Nos.	2024	OP
28.	Cafeteria (Sabro)	8.0 Ton/Each	06 Nos.	2007	OP
29.	G.E Office (Mitsubishi Split)	1.5 Ton	01 No.	2000	OP
30.	G.E Office PEL (Window)	1.5 Ton/Each	02 Nos.	1998	OP
31.	SR – 45 PEL (Split)	1.5 Ton	01 No.	2012	OP
32.	DCE repair & MOD (Daikool Split)	4.0 Ton	01 No.	2009	OP
33.	Office Area power plant Engg. Cell TSE planning (Sabro) (Daikool Split)	8.0 Ton	01 No.	2007	OP
34.	DCE WEM (Sabro)	1.5 Ton	01 No.	2007	OP



35.	Chief Engineer Secretariat (TCL Split)	2.0 Ton	01 No.	2012	OP
36.	Chief Engineer Power Plant (PEL Split)	2.0 Ton	01 No.	2012	OP
37.	Sect: Chief Engineer Power Plant (Kenwood Split)	1.5 Ton	01 No.	2012	OP
38.	Manager Engineering Planning (Kenwood Split)	1.5 Ton	01 No.	2012	OP
39.	EOH Planning (cell Orient Split)	2 Ton/Each	02 Nos.	2012	OP
40.	DCE APU/ ATR (Sabro Split)	1.5 Ton	01 No.	2007	OP
41.	DCE CF-6 / CFM/GE .90 (PEL Split)	2 Ton	01 No.	2012	OP
42.	DOE Airworthness (Kenwood Split)	1.5 Ton	01 No.	2012	OP
43.	DOE Airworthness (L.G Window)	1.5 Ton	01 No.	2005	OP

### **WELDING SHOP**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
44.	Time Office Kenwood (Split)	1.5 Ton	01 No.	2012	OP
45.	Part & Whitney Repairing PEL (Window)	1.5 Ton	01 No.	2000	OP

### **LANDING GEAR SHOP**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
46.	Landing Gear Hall Sabro (Split)	8.0 Ton/Each	06 Nos.	2007	(03)OP/(03)W.O

### **TOOL MANUFACTURING SHOP**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
47.	Offices Sabro (Split)	1.5 Ton	01 No.	2007	OP
48.	Hall Sabro (Split)	8.0 Ton/Each	05 Nos.	2007	OP

### **PLAZMA SHOP**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
49.	Rest Room Sabro (Split)	1.5 Ton	01 No.	2007	OP
50.	Q.C library Sabro (Split)	1.5 Ton/Each	03 Nos.	2007	OP

### **SR – 4 CHEMICAL SHOPS**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
51.	Store Sabro (Pakage Type)	8.0 Ton	01 No.	2007	OP
52.	Store Sabro Split	4.0 Ton	02 Nos.	2007	OP
53.	Store PEL Split	1.5 Ton	01 No.	2012	OP
54.	Water Dispenser		LOT		

### **1<sup>ST</sup> FLOOR FLIGHT OPERATION BUILDING (ABSORPTIONCHILLER).**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF	STATUS
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				INSTALLATION	
55.	Absorption chiller Mitsubishi YORK	200 ton	01 No.	1984	OP
56.	Cooling tower		02 Nos.	1984	OP
57.	Air handling units		02 Nos.	1984	OP
58.	Condenser water pumping set		02 Nos.	1984	OP
59.	Chilled water pumps		02 Nos.	1984	OP
60.	Feed pumps motor	0.45 HP	01 No.	1984	OP
61.	Feed tank		01 No.	1984	OP
62.	Steam Boiler	5HP	01 No.	1984	OP

## **1ST FLOOR FLIGHT OPERATION BUILDING (FMD).**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
63.	DGM office Service (General window)	1.5 Ton	01No.	2000	OP
64.	DGM office Service (Orient Split)	2.0 Ton	01No.	2012	OP
65.	DGM fuel(Kenwood Split)	1.5 Ton	01 No.	2016	OP
66.	Asst. Manager Civil (Pel window)	1.5 Ton	01 No.	2000	OP
67.	Asst. Manager Civil (Sabro Split)	1.5 Ton	01 No.	2006	OP
68.	Estate Section (Gree/General)	2.0Ton/Each	02Nos.	2023	OP
69.	Estate Section (Euro Air Split)	1.5 Ton	01 No.	2023	OP
70.	Asst. Manager project (General window)	1.5 Ton	01 No.	2000	OP
71.	DGM Works & project (General window)	1.5 Ton	01 No.	2000	OP
72.	DGM Works & project (Dawlance Split)	1.5 Ton	01 No.	2023	OP
73.	G.M Works & project (Cool point Split)	4 Ton	01 No.	2007	OP
74.	Manager Utilities works(Generalwindow)	1.5 Ton	01 No.	2000	OP
75.	Sr. Works Officer Civil (Orient Split)	1.5 ton	01 No.	2015	OP
76.	Manager Estate (Electrolux Split)	1.5 Ton	01 No.	2017	OP
77.	DGM Estate (Electrolux Split)	1.5 Ton	01 No.	2017	OP
78.	Auditor's Room(GeneralWindow)	1.5 Ton	01 No.	2000	OP
79.	Project Cell (GeneralWindow)	1.5 Ton	01 No.	2000	OP
80.	Asst. Manager project (Kenwood Split)	1.5 Ton	01 No.	2012	OP
81.	Manager HVAC&R (General window)	1.5 Ton	01 No.	2000	OP
82.	Manager HVAC&R (Sabro Split)	2 Ton	01 No.	2007	OP

## **2ND FLOOR FLIGHT OPERATION BUILDING.**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
83.	Operation Engineering (cool point split)	4Ton/Each	02 No.	2007	OP
84.	Manual Section store Room (Cool point split)	4 Ton	01 No.	2007	OP
85.	Chief pilot Tech Ops( Enviro Split)	1.5 Ton	01 No.	2018	OP
86.	Chief pilot Tech Ops (Sabro Split)	1.5 Ton	01 No.	2007	OP
87.	DGM Route & Navigation (Cool point Split)	4 Ton	01No.	2007	OP
88.	Route & Navigation (Cool point Split)	4 Ton	01 No.	2007	OP
89.	DGM Operation Engineering (Cool point Split)	4 Ton	01 No.	2007	OP
90.	DGM Operation Engineering (Sabro Split)	2 Ton	01 No.	2007	OP
91.	DFO (P.A Office) (Haier Split)	1 Ton	01 No.	2010	OP
92.	DFO (Enviro/Daikin Split)	2 Ton/Each	02Nos.	2024/2017	OP

93.	Passport Visa Section (Cool point Split)	4 Ton	01 No.	2007	OP
94.	D.R Room (Sabro Split)	2 Ton	01 No.	2007	OP
95.	Hall (Cool point Split)	4 Ton	01 No.	2007	OP
96.	Flight training Division (Tcl Split)	2.0 Ton/Each	02 Nos.	2024	OP
97.	DGM Crew Training (Electrolux/Enviro Split)	1.5 Ton/Each	02 Nos.	2017	OP
98.	Chief Pilot Crew Training (ElectroluxSplit)	1.5 Ton/Each	02 Nos.	2017	OP
99.	Manager Crew Training (Enviro Split)	1.5 Ton	01 No.	2017	OP
100.	Chief Pilot Standard Inspection (Haier Split)	1.5 Ton	01 No.	2017	OP
101.	G.M Central Control (Haier Split)	2 Ton	01 No.	2024	OP
102.	G.M Central Control (Pel Split)	1.5 Ton	01 No.	2007	OP
103.	Conference Room (Hitachi Split)	2 Ton	01 No.	2020	OP
01	Electric Room (Pel Split)	2 Ton	01 No.	2020	OP
02	A/C Plant Flight operation 2 <sup>nd</sup> Floor (Daikin)	25 Ton/Each	05Nos.		
03	Commercial Marketing (Sabro Split)	1.5 Ton	01 No.	2007	OP
04	Manager Scheduling (General Split)	2.0 Ton	01 No.	2023	OP
05	DGM Scheduling (Pel Split)	1.5 Ton	01 No.	2023	OP
06	Manager Crew HOTAC (Haier Split)	1.5 Ton	01 No.	2017	OP
07	Chief Pilot Crew Planning & Aims (Pel Split)	1.5 Ton	01 No.	2023	OP
08	Manager Scheduling (FSD) (Euro Air Split)	1.5 Ton	01 No.	2015	OP
09	Static Cell (Enviro Split)	1.5 Ton	01 No.	2017	OP
10	"CLC" Central Load Control (Enviro Split)	1.5 Ton	01 No.	2017	OP
11	"CLC" Central Load Control (Haier Split)	2.0 Ton	01 No.	2021	OP
12	Operation Technical support cell (Acson Split)	2.0 Ton/Each	02 Nos.	2024	OP
13	Operational Planning (Enviro Split)	1.5 Ton	01 No.	2017	OP
14	DGM central control I (Enviro Split)	1.5 Ton	1 No.	2017	OP
15	DGM central control II (Enviro Split)	1.5 Ton	01 No.	2017	OP
16	Technical Support (Enviro Split)	1.5 Ton	01 No.	2017	OP
17	Free PAK office (Enviro Split)	1.5 Ton	01 No.	2017	OP
18	Situation room (Eco Star Split)	4 Ton	02Nos.	2023	OP
19	Defect Control Center (Acson Split)	2 Ton	1 No.	2024	OP
20	Water Dispenser	-----	Lots-		

<b>SR NO.</b>	<b>LOCATION</b>	<b>CAPACITY</b>	<b>QTY</b>	<b>YEAR OF INSTALLATION</b>	<b>STATUS (OP/NOP)</b>
1.	DCE Airbus/ ATR (L.M- II) (Electrolux Split)	1.5 TON/Each	02Nos.	2017	OP
2.	SR – A1 Pel(Split)	1.5 TON	01No.	2012	OP
3.	SR – A1 Sabro/EcoStar (Split)	4 TON/Each	03Nos.	2007/2023	OP
4.	L.M-II C.B.A Office (Daikin Split)	1.5 TON	01No.	1998	OP
5.	L.M-II Facilities Development Pel (Split)	1.5 TON	01No.	2012	OP
6.	L.M-II Facilities Department Pel (Split)	1.5 TON	01No.	2012	OP
7.	L.M-II Staff Rest Room Buffer (Window/ Haier)	1.5 TON/Each	02Nos.	1995	OP
8.	L.M-II Areospace Tech Room (Electrolux Split)	1.5 TON	01No.	2017	OP
9.	SRS L.M-II (Pel Split)	2 TON	01No.	2012	OP
10.	Avionics planning L.M-II (Pel Split)	1.5 TON	01No.	2012	OP
11.	Aero Space planning L.M-II (Pel/Haier Split)	2 TON/Each	02Nos.	2012	OP
12.	Tool Store L.M-II	1.5 TON	01No.	2009	OP
13.	Mosque L.M-II	1.5 TON	01No.	2009	OP
14.	Works officer Civil L.M –II (Pel Window)	1.5 TON	01No.	2000	OP
15.	Engineers Room L.M – II (Haier Split)	2.0 TON	01No.	2012	OP

### **MOC DIVISION / COMPONETNT OVERHAUL**

<b>SR NO.</b>	<b>LOCATION</b>	<b>CAPACITY</b>	<b>QTY</b>	<b>YEAR OF INSTALLATION</b>	<b>STATUS (OP/NOP)</b>
16.	PIA Payroll Engineering Pel(Split)	1.5 TON	01No.	2012	OP
17.	DCE Line Station Enviro (Split)	1.5 TON/Each	02Nos.	2018	OP
18.	Chief Engineer MOC Division (Operation) Pel(Split) New	2 TON	01No.	2023	OP
19.	Chief Engineer MOC Division (Operation) General (Window)	1.5 TON	01No.	2000	OP
20.	Coordinator Line Station Mistbushi Split	1 TON	01No.	2000	OP
21.	Audit Cell Orient (Split)	1.5 TON	01No.	2012	OP
22.	Planning Office MOC DivisionSchedule& check Electrolux (Split)	2 TON	01No.	2017	OP
23.	DCE Planning Office MOC DivisionSchedule& check L.G (Window)	1.5 TON	01No.	2005	OP
24.	Planning Hall MOC Division Waves (Split)	4 TON/Each	04Nos.	2005	OP
25.	Chemical Room Component Shop Electrolux	2 TON	01No.	2017	OP
26.	Invoice Cell MOC Division Acson (Split)	2 TON	01No.	2024	OP
27.	Dy. Chief Engineer ES/CA MOC Division Pel (Split)	2 TON	01No.	2012	OP
28.	DGM Schedules Component Haier (Split)	1.5 TON	01No.	2009	OP
29.				2023	OP
30.	Dy. Chief Engineer Component Hydraulic Pel (Split) New	2 TON	01No.	2012	OP
31.	Component Test House Pel (Split)	2 TON/Each	02Nos.	2012	OP
32.	Component changeover grong 1 to 4 Orient (Split)	2 TON	01No.	1998	OP
33.	Component over haul Mosque Philco Window	1.5 TON	01No.	2012	OP
34.	Dy Chief Engineer Technical service Pel(Split)	2 TON	01No.	2012	OP
35.	Engineering Rest Room Component overhaul Haier (Split)	1.5TON	01No.	2009	OP
36.	Component hall rest Room V Pel (Split)	1.5 TON	01No.	2023	OP
37.	Staff Rest Room Component overhaul IV Orient (split)	2 TON	01No.	2012	OP

38.	Planning Cell Component overhaul Sabro(Split)	1.5 TON	01No.	2012	OP
39.	Machine Shop Petal (Chiller)	20 TON	01No.	2018	OP
40.	Component Overhaul (Haier Split)	8 TON/Each	08Nos.	2009	OP
41.	Component shop (Cool point Chiller)	20 TON/Each	02 Nos.	2019	OP
42.	Machine Shop Component Overhaul (Waves)	3 TON	01No.	2007	OP
43.	Asst. DCE Component overhaul (Electrolux Split)	2 TON	01No.	2017	OP
44.	Tool Store (component over haul) (Pel/Haier)	2 TON/Each	03Nos.	2012	OP

### **HYDRAULIC COMPLEX**

<b><u>SR NO.</u></b>	<b><u>LOCATION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
45.	Hydraulic Shop (Sabro Split)	5 TON	02Nos.	2007	OP
46.	Break Shop Sabro (Split)	5 TON	01No.	2007	OP
47.	Hydraulic Test Room Sabro (Split)	8 TON	02Nos.	2007	OP
48.	Break Shop Sabro (Split)	8 TON	01No.	2007	OP
49.	Wheel Bay Officer Room (Daikool Split)	1 TON	01No.	2012	OP
50.	Hydraulic shop store (Haier Split)	2 TON	01No.	2024	OP
51.	Hydraulic Shop Rest Room (Sabro Split)	5 TON	01No.	2007	OP
52.	DCE Hydraulic Shop (Haier Split)	2 TON	01No.	2024	OP

### **TYRE SHOP**

<b><u>SR NO.</u></b>	<b><u>LOCATION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
53.	Wheel Bay (Sabro Split)	8 TON/Each	07Nos.	2007	OP
54.	Wheel Bay (Sabro Split)	5 TON	01No.	2007	OP

### **PROPELLER SHOP**

<b><u>SR NO.</u></b>	<b><u>LOCATION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
55.	Propeller Shop (PEL Split)	2 TON/Each	03Nos.	2012	OP
56.	Propeller Shop (TCL Split)	2 TON/Each	02Nos.	2012	OP
57.	Propeller Shop (Electrolux)	2 TON	01No.	2017	OP

## **ENGINEERING AREA "A"** **LINE MAINTENANCE – II**

### **H.E.M SHOP**

<b><u>SR NO.</u></b>	<b><u>LOCATION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
58.	Rest Room (Haier)	2 TON/Each	02Nos.	2012	OP
59.	DCE HEM (Acson)	2 TON	01No.	2024	OP

<b><u>JET HANGER</u></b>					
<b><u>SR NO.</u></b>	<b><u>LOCATION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
1.	Shift Room (Electrolux Split)	1.5TON/Each	02Nos.	2017	OP
2.	DCE AVE (Electrolux Split)	1.5TON/Each	02Nos.	2017	OP
3.	DCE Aircraft (Electrolux Split)	1.5TON/Each	02 Nos.	2017	OP
4.	Planning ACOH (Kenwood Split)	2 TON	01No.	2012	OP
5.	Rest Room IV (Haier Split)	1.5TON/Each	02Nos.	2012	OP
6.	Class Room PTC (Dawlance Split)	1.5TON/Each	02Nos.	2012	OP
7.	Rest Room V (Kenwood Split)	1.5TON/Each	02Nos.	2012	OP
8.	Genetorial officer Room (Pel Window)	1.5 TON	01No.	2000	OP
9.	Dispenser		Lots		

**2. ENGINEERING AREA "B" & CARGO, DOMESTIC CARGO,**  
**TGS, JIAP-KAP**

## TECHNICAL EVALUATION CRITERIA

Total marks –100  
Qualifying marks – 75

All the applicants to please note that as per PPRA Rules and Regulations, all the documents/statements submitted by a Firm/Company for its pre-qualification are under Oath.

Any document/statement provided if proved false, mis-stated, concocted, or incorrect proved at any time, during or after Pre-qualification will result into permanent disqualification and black listing of the firm/Company/Partners with their names displayed on PPRA website.

**Particulars of the Company** (complete data required in the pre-qualification documents).

1. Year of establishment of the firm/Company as HVAC contractor confirmed through registration of PEC along with the certificate in corporation, Office address, Telephone, Fax, E-mail & website.

**(Marks Allocated – 10)**

i	1 -3 Years	03	
ii	4-6 Years	05	
iii	7-9 Years	07	
iv	10 and above Years	10	

2. Work shop, Tools & Plants and Vehicle Facility.

**(Marks Allocated – 15)**

i	Work Shop	05	
ii	Vehicle (model should not be less than 5 years)	05	
iii	List of Tools and Plants	05	

3. Operation / Maintenance contracts of HVAC & R, Mechanical Equipments and Kitchen Equipments Executed / In hand (under one roof) along with satisfactory completion certificate from Client as one contract cost not below Rs. 8.27 million per year.

**(Marks Allocated –20)**

i	01 - 02 ( No: of Contracts)	10	
ii	03 - 04 (No: of Contracts)	15	
iii	05 and above (No: of Contracts)	20	

4. List of Engineers / Technical staff, their qualification and experience along with documentary proof presently available on payroll (Providing 15 Staff)  
(Required Qualification and experience of the staff as per annexure)

**(Marks Allocated – 10)**

i	2-6	04	
ii	7-14	06	
iii	15 and above	10	

5. Valid registration certificate with Pakistan Engineering Council in the field of specialization code (ME01 / ME06) having category C6 or above.

**(Marks Allocated – 05)**

i	1- 2 year	02	
ii	3- 5 year	03	
iii	6 and above year	05	



6. Litigation History of the Firm.

(Marks Allocated – 05)

I	No Litigation. (at Present)	05	
li	Black Listed / on going litigation	0	

7. Penalty/Fine Imposed

(Marks Allocated – 05)

I	No penalty	05	
li	1 penalty	03	
lii	2-3 penalties	02	
lv	4 and above penalties	00	

8. Financial Standing / Status Of Firm

**A.** Income tax paid during the last 05 years (Attached -audited income Tax. Statement/balance sheet / receipted Tax Challans.

(Marks Allocated – 10)

I	Income Tax paid under Rs.0.1 – 0.2 million per Year.	03	
li	0.3 – 0.4 million per year	05	
lii	0.5 – 0.6 million	07	
lv	0.7 million and above	10	

**B.** Average annual turnover (for the last five years)

(Marks Allocated – 10)

I	Annual turnover Rs.10 million and above (A Class)	10	
li	Annual turnover Rs. 5 – 9.9 million (B Class)	7	
lii	Annual turnover up to Rs.1 – 4.9 million (C Class)	5	

**C.** Financial standing of the firm / Company

(Marks Allocated – 05)

I	Last 03 years net worth statement (duly certified by a Chartered Accounts firm.	02	
li	minimum funds available Rs. 1.0 – 5.0 million- (required bank statement)	03	

**Note:** Attested copy of Bank Statement, showing list of one year transaction must be attached.

**D.** Valid Registration certificate in-respect of GST, SGST + Income Tax etc(Marks Allocated – 05)

I	Yes	05	
li	No	0	

Payment of tender cost Rs. 10,000/- each (non refundable) in shape of pay order in favor of PIA

AREA "B"&JINNAH / CARGO – KAP		Documents submitted		Meeting requirement	
		YES	NO	YES	NO
The minimum staff which must always be made available at site by the contractor is as under.					
<b><u>SITE SUPERVISOR</u></b>	01 No. Three years Diploma of Associate Engineer in Air Conditioning with seven years experience.				
<b><u>AIR CONDITIONING MECHANIC</u></b>	04 Nos. Qualified with 1 year Technical Certificate Course, Having 05 years experience on cold storages and Air Conditioning chiller etc.				
<b><u>AIR CONDITIONER PLANT OPERATOR</u></b>	10 Nos. Qualified with Two years experience of operating absorption and reciprocation chillers.				
<b>Total Staff---- 15 Nos.</b>					

All above are mandatory requirements. Non compliance of any of the above, will make the bidder non responsive

**INVENTORY OF ENGINEERING AREA B, NEW CARGO COMPLEX, ICT BUILDING, ESTABLISHMENT AT JINNAH TERMINAL**

**INVENTORY OF ENGINEERING AREA "B"**

**INSTRUMENT OVERHAUL SHOP**

<b><u>S. NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
1.	Main Hall No. 2(Sabro Split)	12TON/Each	03Nos.	2007	OP
2.	Main Hall No.1 (Sabro Split)	7.5TON/Each	04Nos.	2007	OP
3.	Engg Rest Room (Sabro Split)	1.5TON/Each	02Nos.	2007	OP
4.	Manager Inst (Sabro Split)	1.5 TON	01No.	2007	OP
5.	Staff C/O Room (Waves Split)	2.5TON/Each	02Nos.	2007	OP
6.	White room (Sabro Split)	6TON	01No.	2007	OP

**ATEC – 6000**

<b><u>S. NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
1.	ATEC 6000 (Brizanto)	7.5Ton/Each	04Nos.	2002	OP
2.	ATEC Office (Daikin)	6TON	01No.	2004	OP
3.	ATEC Office (Daikin)	3TON	01No.	2004	OP
4.	ATEC 6000 (Haier)	4 TON/Each	02Nos.	2009	OP

**RADIO OVERHAUL SHOP**

<b><u>S. NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
1.	Staff Room (Orient)	2 TON	01No.	2012	OP
2.	Engr. Rest Room (Pel)	1.5 TON	01No.	2012	OP
3.	ATE Room (Haier)	4 TON/Each	02Nos.	2009	OP
4.	IFE Room (Haier)	4 TON/Each	01No.	2009	OP

**ELECTRICAL OVERHAUL SHOP**

<b><u>S. NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
1)	Main Hall (Haier)	7.5TON/Each	03Nos.	2009	OP
2)	Electronic Lab (Gree)	4 TON/Each	02Nos.	2024(Refurbished)	OP
3)	CSD Test Room (Haier)	2 TON/Each	02Nos.	2009	OP
4)	Manager Electric O/H (Haier)	2 TON	01No.	2009	OP
5)	Staff C/O Room (Waves)	2 TON	01No.	2007	OP
6)	Gallery Shop (Pel)	2TON/Each	03Nos.	2012	

**LINE MAINT – II**

<b><u>S. NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
1)	Staff Change Over Room (Acson)	1.5TON/Each	04Nos.	2024(Refurbished)	OP

2)	Duty Engineer Room (Acson)	4 TON/Each	02Nos.	2014	OP
3)	Duty Engineer Rest Room (Gree)	1.5TON/Each	02Nos.	2019	OP
4)	Duty Engineer Rest Room (Pel)	2TON	01No.	2012	OP
5)	HR Training (Haier)	2TON/Each	02Nos.	2023	OP
6)	Chief Engineer Avionics (Sanyo)	2TON	01No.	2002	OP
7)	Union Office (Pel)	2TON	01No.	2012	OP
8)	Conference Room (Pel)	2TON/Each	02Nos.	2012	OP

### **TECHNICAL RECORD / CARDEX**

<b><u>S. NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
1)	Technical Record/ Cardex Hall (Haier)	4TON/Each	05Nos.	2007	NOP(W.O)
2)	Manager Room (Pel)	2 TON	01Nos	2012	OP

### **LINE MAINT – I**

<b><u>S. NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
1)	Staff Change Over Room (Pel)	2 TON/Each	2Nos.	2012	OP
2)	Chief Engineer LMI (EcoStar)	4 TON	01No.	2007	OP
3)	Security Office (Electrolux)	1.5 TON	01No.	2017	OP
4)	Planning Maintenance (Pel)	2 TON/Each	04Nos.	2022	OP
5)	Tech Services (Haier)	4 TON/Each	03Nos.	2007	OP
6)	Chief Engineer – PA (Waves)	1.5 TON	01No.	2007	OP
7)	IFE (Kenwood/Acson)	1.5TON/Each	02Nos.	2012/2025 (refurbished)	OP
8)	Dy. Chief Engineering (Pel)	2 TON	01No.	2012	OP
9)	Dy. Chief Engineer Secretariat(Waves/Electrolux)	1.5TON/Each	02Nos.	2007/2017	OP
10)	Cafeteria (Haier)	4 TON/Each	07Nos.	2007	NOP(W.O)
11)	Cabin Maintenance (Sabro)	1.5TON/Each	03Nos.	2007	OP
12)	Cabin Maintenance DCE (Orient/Pel)	1.5TON/Each	02Nos.	2012	OP
13)	A-Chief Engineer (Daikool)	1.5TON	01No.	2012	OP
14)	Tech. Service DEC Office (Sabro)	2TON/Each	03Nos	2007	OP
15)	Tech. Service Room (Daikool)	1.5TON	01Nos.	2012	OP
16)	Director Engineering Office (Daikool)	1.5TON	01No.	2012	OP
17)	Director Engineering Office (Daikool)	2TON	01No.	2012	OP
18)	Masjid (Pel)	2TON	01No.	2012	OP
19)	Office Change Over Room (Pel)	2TON	01No.	2012	OP
20)	Fabric shop Cabin Maintenance (Sabro/Pel)	2TON	02Nos	2007/2012	OP
21)	Buffer shop (Daikool)	1.5TON/Each	02Nos	2012	OP
22)	Personal Office (Pel Split)	2 TON	03Nos.	2012	OP
23)	Cabin Planning (Dawlance Split)	1.5TON/Each	02Nos.	2024	OP

### **STOCK ROOM / STORE**

<b><u>S. NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF</u></b>	<b><u>STATUS</u></b>
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				<u>INSTALLATION</u>	<u>(OP/NOP)</u>
1)	SR – 81 (Sabro)	4 TON/Each	05Nos.	2007	OP
2)	P & PC (Pel)	2 TON/Each	03Nos.	2012	OP
3)	SR – 14 / 26 (Sabro)	4 TON/Each	03Nos.	2007	OP

### OTHER AIRCONDITIONERS

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1)	Battery Shop (Kenwood Split)	1.5 TON	02Nos.	2012	OP
2)	Spectro Lab (Enviro)	1.5 TON	02Nos.	2018	OP
3)	NDT Lab/ X-ray Room (Kenwood)	1.5 TON	01No.	2012	OP
4)	Office C/O Room (Elect O/H)(LG window)	1.5 TON	01No.	2005	OP
5)	NDT Lab (Haier Split)	1 TON	01No.	2009	OP
6)	A/C Apperance (Electrolux)	1.5 TON	02Nos.	2017	OP
7)	DCE A/C Apperance (Kenwood)	1.5 TON	01Nos	2012	OP

### WATER COOLER

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
8)	Water Filter Plant ( L.M – II) (AKS)	60 Gallon	01No.	2025	OP

### FRESH AIR / EXHAUST UNITS

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1)	Main Hall Instrument Overhaul	01 HP	01No.	2009	OP
2)	A TEC – 6000	01 HP	01No.	2009	OP
3)	Paint Both L.M – 1	05 HP/Each	02Nos.	2009	OP
4)	Cafeteria Boeing Hanger	05 HP	01Nos.	2009	OP
5)	Paint Both Avionics Shop	01 HP	01Nos	2009	OP
6)	Carbon Cleaning Room Electric O/H	05 HP/Each	02Nos.	2009	OP
7)	Galaxy Equipments Electric O/H	7.5 HP	01No.	2009	OP
8)	Water Dispenser		LOT		

### DOMESTIC CARGO ARRIVAL

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1)	DCT Arrival (Daikin Split)	1.5 Ton	01 No.	2000	OP
2)	Scanning Room (Orient Split)	1.5 Ton	01 No.	2012	OP
3)	Manager (DCT) (Daikool Split)	1.5 Ton	01 No.	2009	OP
4)	Domestic Cargo Booking (Daikin Split)	2 Ton/Each	03 Nos.	2000	OP
5)	Domestic Record Room (Orient Split)	1.5 Ton	01 No.	2012	OP
6)	Dead Body Room (Split A/c)	2.0 Ton	01 No.	2022	OP

## T.G.S

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	Manager Maintenance (Pel Split)	2.0 Ton	01 No.	2012	OP
2.	TGS Mosque (Pel Split)	2.0 Ton/Each	02 Nos.	2012	OP
3.	Union Office TGS (Pel Split)	2.0 Ton/Each	02 Nos.	2012	OP
4.	S458 (Pel Split)	2.0 Ton	01 No.	2012	OP
5.	Water Dispenser		07 Nos.		

## TGS Sect. (Goal Building)

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	HR Manager RSD (Pel Split)	2 Ton	01 No.	2012	OP
2.	HR TGS (Kenwood Split)	2 Ton/Each	02 Nos.	2012	OP
3.	GM TGS (Pel/Haier Split)	2 & 1.5Ton	02 Nos.	2012	OP

## I.C.G. CARGO

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	I.C.G. CARGO (Daikool Split)	1.5Ton/Each	02Nos.	2009	OP
2.	I.C.G.CARGO (Sabro Split)	1.5 Ton	01No.	2007	OP

## ICT Terminal-1

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	I.C Shift (Enviro Split)	1.5 Ton	01No.	2018	OP
2.	I.C.T Sect (Enviro Split)	2 Ton	02Nos.	2018	OP
3.	Domestic Departure (General Window)	2 Ton	01No.	2000	OP
4.	Cold Storage	10 HP/Each	02No.	2011	OP

## Domestic (Airport Jinnah International)

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	TGS Operation (HaierSplit)	1.5Ton/Each	09 Nos.	2009	OP
2.	Engg. Line Maintenance (Haier Split)	2 Ton/Each	02 Nos.	2009	OP
3.	Engg. Line Maintenance (EcoStar Split)	04 Ton	01 No.	2023	OP
4.	Engg. Line Maintenance (EcoStar Split)	04 Ton	01 No.	2023	OP
5.	Rest Room for Budget Attended (Acson Split)	02 Ton	03 Nos.	2024(Refurbished)	OP
6.	ULD (Pel Split)	02 Ton	01 No.	2012	OP

7.	GOC(Pel Split)	02 Ton	01 No.	2012	OP
8.	Domestic Airport Union Office (Pel Split)	02 Ton	01 No.	2012	OP
9.	GCO(Haier Split)	01 Ton	01 No.	2009	OP
10.	Flight Operation(Orient Split)	2 Ton	01 No.	2012	OP
11.	Porte cabin (Haier Split)	1.5 Ton	01 No.	2009	OP

### **Airport**

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	Business Plus (HaierSplit)	2 Ton	01 No.	2012	OP
2.	Business PlusLounge(HitachiPlant)	8 Ton	01 No.	2024	OP
3.	Computer Room (HaierSplit)	2 Ton	02 Nos.	2012	OP
4.	Computer Room (HaierSplit)	3 Ton	02 Nos.	2012	OP

### **Jinnah International Airport**

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	Cabin Maintenance Cleaning (Sabro Plant)	4 Ton	01 No.	2007	OP
2.	Cabin Maintenance (SabroPlant)	4 Ton	01 No.	2007	OP
3.	Foreign Technical Handling (Electrolux/Orient)	2 Ton/Each	04 Nos.	2017/2012	OP

### **CARGO COMPLEX**

<u>S. NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	P.O Mail (PhilcoWindow)	1.5 Ton	01 No.	1995	OP
2.	Export Shift (Pel&GeneralWindow)	1.5 Ton	02 Nos.	2000	OP
3.	Export Warehouse (EnviroSplit)	1.5 Ton	01 No	2018	OP
4.	ACC Hall (Sabro Split)	2 Ton	04 Nos.	2007	OP
5.	Finance Unit (Electrolux Split)	1.5 Ton	02 Nos.	2017	OP
6.					OP
7.	Import Unit (ElectroluxSplit)	2.0 Ton	01 No.	2017	OP
8.	Manager ACC (SabroSplit)	1.5 Ton	01 No.	2007	OP
9.	Manager Finance (Electrolux Split)	2 Ton	01 No.	2017	OP
10.	HR Unit(Pel/Sabro)(Window/Split)	1.5 Ton	02 Nos.	2000/2007	OP
11.	Record Room (Sabro Split)	1.5 Ton	01 No.	2007	OP
12.	MCC (Electrolux Split)	2.0 Ton	01 No.	2017	OP
13.	CTM Sectt (Haier Split)	4 Ton	02 Nos.	2009	OP
14.	CTM logistic (Enviro Split)	1.5 Ton	01 No.	2018	OP
15.	CTM Export (Electrolux Split)	2.0Ton	01 No.	2017	OP

16.	Space Control (Pel Split)	2 Ton	04 Nos.	2012	OP
17.	Manager Space Control (Pel)	2 Ton	01 No.	2012	OP
18.	Cargo Union Office(Pel/Sabro) (Split/Window)	1.5 Ton	02 Nos.	2012/2007	OP
19.	Cargo Union Mosque (Dawlance Split)	1.5 Ton	01 No.	2014	OP
20.	Finance Record Room (PelWindow)	1.5 Ton	01 No.	2000	OP
21.	Complex Record Room (Pel Window)	1.5 Ton	02 Nos.	2000	OP
22.	PIA Security Room (Kenwood Split)	2 Ton	05 Nos.	2012	OP
23.	CCTV Monitoring Room (Kenwood Split)	1.5 Ton	01 No.	2012	OP
24.	Cargo Cafeteria (Water Cooler)		01 No.	2009	OP
25.	Water Dispenser		07 Unit		



### **3. PIA FLIGHT KITCHEN**

## TECHNICAL EVALUATION CRITERIA

Total marks –100  
Qualifying marks – 75

All the applicants to please note that as per PPRA Rules and Regulations, all the documents/statements submitted by a Firm/Company for its pre-qualification are under Oath.

Any document/statement provided if proved false, mis-stated, concocted, or incorrect proved at any time, during or after Pre-qualification will result into permanent disqualification and black listing of the firm/Company/Partners with their names displayed on PPRA website.

### **Particulars of the Company**

Company (complete data required in the pre-qualification documents).

1. Year of establishment of the firm/Company as HVAC contractor confirmed through registration of PEC along with the certificate in corporation, Office address, Telephone, Fax, E-mail & website.

**(Marks Allocated – 10)**

i	1 -3 Years	03	
ii	4-6 Years	05	
iii	7-9 Years	07	
iv	10 and above Years	10	

2. Work shop, Tools & Plants and Vehicle Facility.

**(Marks Allocated – 15)**

i	Work Shop	05	
ii	Vehicle (model should not be less than 5 years)	05	
iii	List of Tools and Plants	05	

3. Operation / Maintenance contracts of HVAC & R, Mechanical Equipments and Kitchen Equipments Executed / In hand (under one roof) alongwith satisfactory completion certificate from Client as one contract cost not below Rs.16.67 million per year.

**(Marks Allocated –20)**

i	01 - 02 (No. of contracts)	10	
ii	03 - 04 (No. of contracts)	15	
iii	05 and above (No. of contracts)	20	

4. List of Engineers / Technical staff, their qualification and experience alongwith documentary proof presently available on payroll (Providing 35 Staff)  
(Required Qualification and experience of the staff as per annexure)

**(Marks Allocated – 10)**

i	10 – 16	04	
ii	17– 34	06	
iii	35 and above	10	

5. Valid registration certificate with Pakistan Engineering Council in the field of specialization code (ME01 / ME06) having category C6 or above.

**(Marks Allocated – 05)**

i	1 – 2 years	02	
ii	3 – 5 years	03	
iii	6 and above years	05	

6. Litigation History of the Firm.

(Marks Allocated – 05)

I	No Litigation. (at Present)	05	
li	Black Listed / on going litigation	0	

7. Penalty/Fine Imposed

(Marks Allocated – 05)

I	No penalty	05	
li	1 penalty	03	
lii	2-3 penalties	02	
lv	4 and above penalties	00	

8. Financial Standing / Status Of Firm

- a. Income tax paid during the last 05 years (Attached -audited income Tax. Statement/balance sheet / receipted Tax Challans.

(Marks Allocated – 10)

I	Income Tax paid under Rs.0.1 -0.2 million per Year.	03	
li	0.3 -0.4 million per year	05	
lii	0.5 -0.6 million	07	
lv	0.7 million and above	10	

- b. Average annual turnover (for the last five years)

(Marks Allocated – 10)

I	Annual turnover Rs.10 million and above (A Class)	10	
li	Annual turnover Rs.5 – 9.9 million (B Class)	7	
lii	Annual turnover up to Rs.1 – 4.9 million (C Class)	5	

- c. Financial standing of the firm / Company

(Marks Allocated – 05)

I	Last 03 years net worth statement (duly certified by a Chartered Accounts firm.	02	
li	minimum funds available Rs. 1.0 - 5.0 million- (required bank statement)	03	

**Note:** Attested copy of Bank Statement, showing list of one year transaction must be attached.

- d. Valid Registration certificate in-respect of GST, SGST + Income Tax etc

(Marks Allocated – 05)

I	Yes	05	
li	No	0	

Payment of tender cost Rs. 10,000/- each (non refundable) in shape of pay order in favour of PIA.

FLIGHT KITCHEN – KARACHI		Documents submitted		Meeting requirement	
		YES	NO	YES	NO
The minimum staff which must always be made available at site by the contractor is as under.					
<b><u>SITE ENGINEER</u></b>	01 No. Graduate (B.E) Mechanical Engineer in Refrigeration & Air Conditioning with Seven years experience.				
<b><u>SITE SUPERVISOR</u></b>	03 Nos. Three years Diploma of Associate Engineer in Air Conditioning with Seven years experience.				
<b><u>AIR CONDITIONINGMECHANIC</u></b>	05 Nos. Qualified with 1 year Technical Certificate Course, Having five years experience on cold storages and Air Conditioning chiller etc.				
<b><u>GENERAL ELECTRICIAN / ELECT. TECHNICIAN</u></b>	03 Nos. Technical Qualified with five years experience on power supply gears and equipments.				
<b><u>PLUMBER /GENERAL FITTER / GAS SPECIALIST</u></b>	09 Nos. Qualified with Ten years experience on absorption Air Conditioning/ chiller system				
<b><u>AIRCONDITIONER OPERATOR</u></b>	11 Nos. Qualified with Two years experience of operating absorption and reciprocation chillers.				
<b><u>SKILLED LABOUR</u></b>					
	Five years experience in Kitchen Equipments.				
	s				
	<b>Total Staff---- 35 Nos.</b>				

All above are mandatory requirements. Non compliance of any of the above, will make the bidder non responsive

## INVENTORY OF FLIGHT KITCHEN

### INVENTORY OF INSTALLED EQUIPMENTS

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Chiller SKM capacity	120 ton	02Nos.	2007	OP
2.	Chiller YORK capacity	130 ton	02Nos.	2000	OP

#### ***COLD STORAGES***

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
3.	Cold Storage make Rubbens (Receiving Bay) CS 07	510 cub.ft.	01No.	1984	OP
4.	Cold Storage make Rubbens (Receiving Bay)CS 06	1372 cub.ft	01No.	1984	OP
5.	Cold Storage make Rubbens (Receiving Bay)CS 05	1260 cub.ft	01No.	1984	OP
6.	Cold Storage make Rubbens (Receiving Bay) FS 03	650 cub.ft	01No.	1984	OP
7.	Cold Storage make Rubbens (Receiving Bay) CS 03	780 cub.ft	01No.	1984	OP
8.	Cold Storage make Rubbens (Receiving Bay) FS 01	504 cub.ft	01No.	1984	OP
9.	Cold Storage make Rubbens capacity (Receiving Bay) FS 02	504 cub.ft	01No.	1984	OP
10.	Cold Storage make Coolpoint (Hot Kitchen) FS 07	110 cub.ft	01No.	2019	OP
11.	Cold Storage make Foster (Hot Kitchen) CS 10	1053 cub.ft	01No.	2006	NOP
12.	Cold Storage make Foster (Cold Kitchen) CS 12	1092 cub.ft	01No.	2006	OP
13.	Cold Storage make Foster (Casserole Area) FS 04	1046 cub.ft	01No.	2006	OP
14.	Cold Storage make Foster (Casserole Area) FS 05	1188 cub.ft	01No.	2006	OP
15.	Cold Storage make Foster (Casserole Area) CS 13	590 cub.ft	01No.	2006	OP
16.	Cold Storage make Williams (Casserole Area) CS 14	633 cub.ft	01No.	2006	OP
17.	Cold Storage make Coolpoint (Cold Bakery) CS 15	1456 cub.ft	01No.	2019	OP
18.	Cold Storage make Foster (Cold Bakery) CS 16	1078 cub.ft	01No.	2019	OP
19.	Cold Storage (Cold Kitchen) FB 01		01No.	2019	OP
20.	Cold Storage make Coolpoint (Casserole) FS 06		01No.	2019	OP

#### ***AIR-CURTAINS***

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
21.	Air Curtains make Airguide (Departure)	0.5HP/Each	02Nos.	2018	OP
22.	Air Curtains make Airguide (Dishwashing Area)	0.5HP/Each	02Nos.	2018	OP
23.	Air Curtains make Airguide (Component Entrance)	0.5HP/Each	02Nos.	2018	OP
24.	Air Curtain make Airguide (Setting Area)	0.5 HP	01No.	2018	OP
25.	Air Curtains make Airguide (china ware)	0.5 HP	01No.	2018	OP

26.	Air Curtains make Airguide (Setting Area Corridor)	0.5HP/Each	02No.	2018	OP
27.	Air Curtains make Airguide (Kitchen Entrance)	0.5HP/Each	02Nos.	2018	OP
28.	Air Curtains make Airguide (casserole Area)	0.5HP/Each	02Nos.	2018	OP
29.	Air Curtains make Airguide (Hot kitchen gate)	0.5HP/Each	02Nos.	2018	OP
30.	Air Curtains make Airguide (Bakery Entrance)	0.5HP/Each	02Nos.	2018	OP
31.	Air Curtains make Airguide (Hot Bakery)	0.5HP/Each	02Nos.	2018	OP
32.	Air Curtains (Local made) (Via Casserole)	0.5HP/Each	02Nos.	2018	OP
33.	Air Curtains make Airguide (Receiving Area)	0.5HP/Each	02Nos.	2018	OP
34.	Air Curtains make Airguide (Bakery Corridor)	0.5HP/Each	02Nos.	2018	OP
35.	Air Curtains make Airguide/local(A/C Workshop Entrance)	0.5HP/Each	02Nos.	2018	OP

### **COLD BAKERY**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
36.	Mixer Machine		02Nos.	1985	OP
37.	Hood for exhaust		01 Set	1985	OP

### **HOT BAKERY**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
38.	Steam Room 3 deck new		01No.	1985	OP
39.	Rotary oven new & old		02 Nos.	2006/1985	OP
40.	Multi deck oven		01No.	1985	OP

### **PASSING THROUGH**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
41.	Passing Through make ODIC (Corridor)	292 cub.ft	02 Nos.	1985	OP

### **WALK-IN-COOLER**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
42.	Walk-In-Cooler make Sanyo (cold Kitchen) CS 11	capacity 635	01 No.	1996	OP
43.	Walk-In-Cooler make Sanyo (Receiving Bay) CS 08	capacity 610	01 No.	1996	OP
44.	Walk-In-Cooler make Sanyo (Dry Store) CS 09	capacity 1235	01 No.	1996	OP

### **BEVERAGE COOLER**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
45.	Beverage Cooler (Operation Area)	1655 cub.ft	1655 cub.ft	1985	OP

### **ICE CUBE MACHINES**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
46.	Ice Cube Machines (Operation Area)	450 cub.ft	02 Nos.	1982/2022	OP

### **HOLDING ROOM**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
47.	Holding Room HR 01-02-03-04 (Operation Area).	10240 cub.ft	02 Nos.	1998	OP

### **WATER COOLER**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
48.	Water Cooler (Canteen)		01No.	2017	OP

### **BLAST FREEZER**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
49.	Blast Freezer make William (Casserole Area)	01 Ton	01 No.	1985	OP
50.	Blast Freezer new (Hot Kitchen)		01 No.	2006	OP

### **WINDOW AIRCONDITIONERS**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
51.	Window A/C make Pel (Finance room, Electric office)	2 Ton/Each	02 Nos.	1985	OP

### **SPLIT AIRCONDITIONERS**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
52.	Split A/c units	1.5&2.0 Ton/Each	60 Nos.	2006	OP

### **CENTRIFUGAL PUMPS**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
53.	Chilled water Pump make KSB (Pump Room)	7.5 HP/Each	02Nos.	2015	OP
54.	Chilled water Pump make Siemens (Pump Room)	5HP/Each	02Nos.	1998	OP
55.	Booster Pump make Siemens (Pump Room)	20HP/Each	02Nos.	1998	OP

### **EXHAUST HOODS**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
56.	Motor Hood (Hot Kitchen) 06 Motors	2HP/Each	03Nos.	1985	OP

57.	Direct fired Hot water storage Gyser (Make IME)		02Nos.	2006	OP
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### **AIR HANDLING UNITS**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
58.	Air Handling Unit (Hot Bakery)		01 No.	1982	OP
59.	Air Handling Unit (Cold Bakery)		01 No.	1982	OP
60.	Air Handling Unit (Casserole Area)		01 No.	1982	OP
61.	Air Handling Unit (Butchery)		01 No.	1982	OP
62.	Air Handling Unit (Hot kitchen)		01 No.	1982	OP
63.	Air Handling Unit (Cold Kitchen)		01 No.	1982	OP
64.	Air Handling Unit (Pot Washing)		01 No.	1982	OP
65.	Air Handling Unit (Sub Store) Dry Store		01 No.	2023	OP
66.	Air Handling Unit (Out Bond) Loading Bay		01 No.	2023	OP

### **DISHWASHING AREA**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
67.	Dishwashing Machine (New) make MEIKO		01 No.	1996	OP
68.	Glass washing Machine make MEIKO (small)		01 No.	1985	OP
69.	Garbage Belt		01 No.	1985	OP
70.	Fresh air unit for dishwashing		01 No.	1985	OP
71.	Exhaust unit for dishwashing		02Nos.	1985	OP
72.	Exhaust unit for dishwashing		02Nos.	1985	OP
73.	Dishwashing Machine make Hobart		01No.	2006	OP

### **HOT KITCHEN**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
74.	Chopper Machine make HOBART		01No.	1985	OP
75.	Tomato Chopper Machine make HOBART		01No.	1985	OP
76.	Rice Oven (Big) New		01No.	1985	OP
77.	Meat Mincing Machine		02Nos.	1985	OP
78.	Bar B Q		01No.	2023	OP
79.	Hot Grill		01No	2023	OP
80.	Convection Oven		02Nos.	2023	(01)OP/(01)NOP
81.	Cooking Range (Small 02 / Big04)		06Nos.	2023	OP
82.	Pakistani Burner		08Nos.	2022	OP
83.	Stock Pot		03Nos.	2022	OP
84.	Tilting Fryer (Big)		03Nos.	2022	OP
85.	Tilting Fryer (Small)		04Nos.	2022	OP
86.	Rice Cooker		01No.	2022	OP
87.	Deep Fat Fryer		02Nos.	2022	OP
88.	Soup Cattle		02Nos.	2022	OP
89.	Briezing Pin		01No.	2022	OP
90.	Rice Washer		02Nos.	2022	OP

### **VEGETABLE ROOM**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
91.	Potato Peeler Make Hobart		02Nos.	1985	OP



92.	Vegetable cutter Make Halldde		01 No.	1985	OP
93.	Vegetable Cutter machine		01 No.	1985	OP
94.	Tomato chopper / ESS mixer		01 No.	1985	OP

### **VEGETABLE SECTION**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
95.	Egg Mixing Machine		01 No.	1985	OP

### **COLD KITCHEN**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
96.	Bread Slicer		02Nos	1995 / 2018	OP
97.	Packing Machine		01No.	2022	OP

### **HOT BAKERY**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
98.	Roll Divider Make Hobart		01 No.	1985	OP
99.	Nut Crushing Machine		01 No.	1985	OP
100.	Dough Mixer Machine Make Hobart(Big)		01 No.	1985	OP
101.	Dough Mixer Machine Make Hobart(Small)		01 No.	1985	OP

### **COLD BAKERY**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
102.	Dough Sheeter Make Seewer-Roundo		01 No.	1985	OP
103.	CeeRol Cutter		01 No.	1985	OP
104.	Small Mixer Machine		01 No.	1985	OP

### **OPERATION & PRODUCTION AREA**

S.No	DECRPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS
105.	Floor Standing A/C Units	4Ton/Each	13Nos.	2017	OP

**4. ISPHANI HANGER, PNEUMATIC SHOP / JET TEST**  
**ENGINEERING AREA – KARACHI**

## TECHNICAL EVALUATION CRITERIA

Total marks –100  
Qualifying marks – 75

All the applicants to please note that as per PPRA Rules and Regulations, all the documents/statements submitted by a Firm/Company for its pre-qualification are under Oath.

Any document/statement provided if proved false, mis-stated, concocted, or incorrect proved at any time, during or after Pre-qualification will result into permanent disqualification and black listing of the firm/Company/Partners with their names displayed on PPRA website.

### **Particulars of the Company**

Company (complete data required in the pre-qualification documents).

1. Year of establishment of the firm/Company as HVAC contractor confirmed through registration of PEC along with the certificate in corporation, Office address, Telephone, Fax, E-mail & website.

**(Marks Allocated – 10)**

i	1 -3 Years	03	
ii	4-6 Years	05	
iii	7-9 Years	07	
iv	10 and above Years	10	

2. Work shop, Tools & Plants and Vehicle Facility.

**(Marks Allocated – 15)**

i	Work Shop	05	
ii	Vehicle (model should not be less than 5 years)	05	
iii	List of Tools and Plants	05	

3. Operation / Maintenance contracts of HVAC & R, Mechanical Equipments and Kitchen Equipments Executed / In hand (under one roof) alongwith satisfactory completion certificate from Client as one contract cost not below Rs. 3.46 million per year.

**(Marks Allocated –20)**

i	01 - 02 ( No: of Contracts)	10	
ii	03 - 04 ( No: of Contracts)	15	
iii	05 and above ( No: of Contracts)	20	

4. List of Engineers / Technical staff, their qualification and experience alongwith documentary proof presently available on payroll (Providing 11 Staff)  
(Required Qualification and experience of the staff as per annexure)

**(Marks Allocated – 10)**

i	2 – 5	04	
ii	6 – 10	06	
	11 and above	10	

5. Valid registration certificate with Pakistan Engineering Council in the field of specialization code (ME01 / ME06) having category C6 or above.

**(Marks Allocated – 05)**

i	1- 2 year	02	
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ii	3- 5 year	03	
iii	6 and above year	05	

6. Litigation History of the Firm.

(Marks Allocated – 05)

I	No Litigation. (at Present)	05	
li	Black Listed / ongoing litigation	0	

7. Penalty/Fine Imposed

(Marks Allocated – 05)

I	No penalty	05	
li	1 penalty	03	
lii	2-3 penalties	02	
lv	4 and above penalties	00	

8. Financial Standing / Status Of Firm

- a. Income tax paid during the last 05 years (Attached -audited income Tax. Statement/balance sheet / receipted Tax Challans.

(Marks Allocated – 10)

I	Income Tax paid under Rs.0.1 – 0.2 million per Year.	03	
li	0.3 - 0.4 million per year	05	
lii	0.5 - 0.6 million	07	
lv	0.7 million and above	10	

- b. Average annual turnover (for the last five years)

(Marks Allocated – 10)

I	Annual turnover Rs.10 million and above (A Class)	10	
li	Annual turnover Rs. 5 – 9.9 million (B Class)	7	
lii	Annual turnover up to Rs.1 – 4.9 million (C Class)	5	

- c. Financial standing of the firm / Company

(Marks Allocated – 05)

I	Last 03 years net worth statement (duly certified by a Chartered Accounts firm.	02	
li	minimum funds available Rs. 1.0 – 5.0 million- (required bank statement)	03	

**Note:** Attested copy of Bank Statement, showing list of one year transaction must be attached.

- d. Valid Registration certificate in-respect of GST, SGST + Income Tax etc

(Marks Allocated – 05)

I	Yes	05	
li	No	0	

Payment of tender cost Rs. 10,000/- each (non refundable) in shape of pay order in favour of PIA.

ISPHANI HANGER – KAP		Documents submitted		Meeting requirement	
		YES	NO	YES	NO
The minimum staff which must always be made available at site by the contractor is as under.					
<u><b>SITE SUPERVISOR</b></u> Three years Diploma of Associate Engineer in Air-conditioning with seven years experience.	01 No.				
<u><b>AIRCONDITIONING MECHANIC</b></u> Qualified with 1 year Technical Certificate Course, Having five years experience on cold storages and air-conditioning chiller etc.	04 Nos.				
<u><b>AIRCONDITIONER PLANT OPERATOR</b></u> Qualified with two years experience of operating absorption and reciprocation chillers.	06 Nos.				
<b>Total Staff---- 11 Nos.</b>					

All above are mandatory requirements. Non compliance of any of the above, will make the bidder non responsive.

## INVENTORY OF ISPAHANI HANGAR JET TEST / QEC / PNEUMATIC SHOP

<u>SR No.</u>	<u>DESCRIPTION</u>	<u>CAP</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	Engineer's Room (Electrolux)	2 TON	01 No.	2017	OP
2.	Control Room (Electrolux)	2 TON	01 No.	2017	OP
3.	JET Test (Mitsubishi)	2 TON	06 Nos.	2000	OP
4.	Cafeteria Building (Daikool)	2 TON	03 Nos.	2009	OP
5.	Incharge Room (LG)	1 TON	01 No.	2012	OP
6.	Change Over (Pel)	1.5 TON	01 No.	2012	OP
7.	ATR Test bench (Pel/Daikool)	1+1.5 TON	05 Nos.	2012	OP
8.	Engine Rest Room (Split)	1.5TON	01No.	2012	OP
9.	Buildup Shop --	4+1.5TON	05 Nos.	2009	OP
10.	Pneumatic change over (Euro Air)	4 TON	01 No.	2009	OP
11.	Pneumatic Shop (Daikool)	7.5 TON	06 Nos.	2012	OP
12.	Store Pneumatic SR-89 (Sabro/Pel)	4+1.5 TON	04 Nos.	2007/2012	OP
13.	D.C Pneumatic (Courior)	4 TON	04 Nos	2007	OP
14.	D.C Test Pneumatic (TSE) (Pel)	1.5 TON	02 Nos.	2012	OP
15.	DOT Building (Plant/Haier)	7.5+1.5 TON	03No.	2009	OP
16.	Manager Room (Euro Air)	4TON	01 No.	2009	OP
17.	Heat exchange (Euro Air)	4TON	01 No	2009	OP
18.	Wall test room (Euro Air)	4 Ton	01 No.	2009	OP
19.	WEM Shop (Waves)	3 TON	01 No.	2009	OP
20.	DGM WEM (General/Pel)	1.5 TON	02 Nos.	2000/2012	OP
21.	Time Office Isphani Hanger (Gibson & Dawlance)	2/1.5 TON	02 Nos.	2012	OP
22.	Time Office Isphani B/M (Orient)	2 TON	01 No.	2012	OP
23.	CBA Union Office (Euro Air)	2 TON	01 No.	2009	OP
24.	SRB-2 (Pel)	1.5 TON	01 No.	2012	OP
25.	CE-EBD (Pel)	1.5 TON	01 No.	2012	OP
26.	SRS Change Over (Electrolux)	1.5 TON	03 Nos.	2017	OP
27.	SRS composit (Acson)	2 TON	02 Nos.	2024 (Refurbished)	OP
28.	Sign Art (Waves)	4 TON	02 Nos.		OP
29.	Tailoring Shop Isphani Hanger (Sabro)	4&1.5 TON	04&2Nos.	2007	OP
30.	Fire Center B/M (Pel)	1.5 TON	01 No.	2012	OP
31.	DC NDT (Pel)	1.5 TON	01 No.	2012	OP
32.	C.E , B/M & Secretariat Office (Kenwood/Enviro)	2 TON	02 Nos.	2012/2018	OP
33.	Bay – 1 Planning (Sabro)	4 TON	03 Nos.	2007	OP
34.	Bay – 1 Planning (Sabro)	3 TON	02 Nos.	2007	OP
35.	Bay – 1 Dock Planning (Pel)	1.5 TON	01 No.	2012	OP
36.	Bay – 3 Planning (Sabro)	3 TON	01 No.	2007	OP
37.	Bay – 3 (Acson)	2 TON	02 Nos.	2024 (Refurbished)	OP
38.	Tool Store (Kenwood)	2 TON	01 No.	2012	OP
39.	SRS Tool Store (Pel)	1.5 TON	03 Nos.	2012	OP
40.	SRS Tech services eng; structure (Haier)	1.5 TON	01 No.	2009	OP
41.	SRS planning cell (Enviro)	1.5 Ton	01 No.	2018	OP
42.	SRS union office (Electrolux)	1.5Ton	01 No.	2017	OP
43.	Tech library (Sabro)	2 TON	01 No.	2007	OP
44.	Library (Haier)	4 TON	02 Nos.	2009	OP
45.	C.E Quality Assurance (Haier/Electrolux/Enviro)	1.5 TON	04 Nos.	2009/2017/2018	OP
46.	Conference Room (Haier)	4 TON	01 No.	2024 (Refurbished)	OP
47.	TSE B/M (Pel/Daikool)	1.5 TON	04 Nos.	2012	OP
48.	C/E Examination Hall (Daikool/Pel)	1.5 TON	04 Nos.	2012	OP
49.	Conference Room (Haier)	4 TON	01 No.	2009	OP
50.	E.B.D B/M (Daikool/Carrier)	2 TON	04Nos.	2012/2007	OP

51.	AWM Hall (Acson)	4 TON	12Nos.	2024 (Refurbished)	OP
52.	AWM Hall (Daikool/Haier)	1.5 TON	03Nos.	2012/2009	OP
53.	AWM Printing cell (Waves)	2 TON	01 No.	2007	OP
54.	AWM MP&R (Enviro)	1.5 TON	01 No.	2018	OP
55.	AWM ,C.E (Pel/Acson)	4 & 2 TON	02 Nos.	2024/2023	OP
56.	Flight Safety (Sabro)	8.0 TON	04 Nos.	2007	OP
57.	Cafeteria (Sabro)	8 TON	05 Nos.	2007	OP
58.	Attap Change over B/M goup 5 (Pel)	1.5&1 TON	04 Nos.	2012	OP
59.	quality Audit (Pel/Haier)	2 TON	04 Nos.	2012/2009	OP
60.	Traning Center HR Office (Haier)	1.5 TON	01 No.	2009	OP
61.	Furnishing D.C (Waves /Sabro)	3 & 4 TON	02 Nos.	2007	OP
62.	IFE Radio Shop (Pel/Sabro)	1.5 TON	02 Nos.	2012/2007	OP
63.	DCE Engg. Avionics (AWM) (Enviro)	1.5 TON	01 No.	2018	OP
64.	AF AWM (Electrolux)	1.5 TON	01 No.	2017	OP
65.	SR & MOD bay 1 (Electrolux)	1.5TON	01 No.	2017	OP
66.	DCE bay 1 & 3 avionics (Kenwood)	1.5TON	01 No.	2012	OP
67.	DCE avionics bay 2 (Electrolux)	1.5TON	01 No.	2017	OP
68.	Maintenance Manager (Pel)	1.5TON	01 No.	2012	OP
69.	SR MOD bay 2 (Electrolux)	1.5Ton	01 No.	2017	OP
70.	Work control bay 2 (Sabro)	2 Ton	02 Nos.	2007	OP
71.	Maintenance manager & planning cell (Sabro)	4 TON	01 No.	2007	OP
72.	Bay 2 B1 aerospace (Pel)	1.5 Ton	01 No.	2012	OP
73.	DCE QA maintenance (Orient/Sabro)	2 Ton	02 Nos.	2012/2007	OP
74.	Tea room (Haier)	4 Ton	01 No.	2009	OP
75.	DCE office (Enviro)	1.5Ton	01 No.	2018	OP
76.	SR B3 aircraft furnishing store (Pel)	1.5Ton	01 No.	2012	OP
77.	Material management (Sabro/Haier)	4 & 1.5Ton	05 Nos.	2007/2009	OP
78.	Material management DCE (Electrolux)	1.5 Ton	01 No.	2017	OP
79.	Seat shop (Pel/Haier)	1.5&4Ton	09 Nos.	2012/2009	OP
80.	Planning sec: base maintenance (Orient/waves/Sabro/Toshiba)	1.5&2&4&4	07 Nos.	2012/2007	OP
81.	CTO director office (Orient)	2 Ton	02 Nos.	2012	OP
82.	PIA security office (Sabro)	1.5Ton	01 No.	2007	OP
83.	Group 4 change over (Sabro)	2 Ton	03 Nos.	2007	OP
84.	Hanger Reception (Waves)	1.5 Ton	01 No	2007	OP

**ELECTRIC WATER COOLER AT ISPHANI HANGER**

<b><u>SR No.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAP</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
85.	Cafeteria	100 Gallon	01Nos.	2025	OP
86.	Filter Plant	100 Gallon/Each	02Nos.	2012	NOP(W.O)

**EXHAUST AHU / HUD EXHAUST FAN**

<b><u>SR No.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAP</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
87.	Composite Shop (Exhaust AHU with Fan Motors)	5 – HP/Each	02Nos	2009	OP
88.	Paint Shop(B/M)(Exhaust AHU with Fan Motors)	5 – HP/Each	03 Nos.	2009	OP
89.	Paint Shop(A/F)(Exhaust AHU with Fan Motors)	5 – HP /Each	03 Nos.	2009	OP
90.	SRB – 3 (A/F) (Exhaust AHU with Fan Motors)	5 – HP	01No.	2009	OP
91.	Cafeteria (Exhaust HUD Fan with Fan Motors)	2 – HP /Each	01 Nos.	2009	OP
92.	Different Locations (Exhaust AHU/HUD Fan)	1HP– 15HP /Each	05 Nos.	2009	OP
93.	Water Dispenser	-----	LOT		

## **5. PTC BUILDING – KAP**



## TECHNICAL EVALUATION CRITERIA

Total marks –100  
Qualifying marks – 75

All the applicants to please note that as per PPRA Rules and Regulations, all the documents/statements submitted by a Firm/Company for its pre-qualification are under Oath.

Any document/statement provided if proved false, mis-stated, concocted, or incorrect proved at any time, during or after Pre-qualification will result into permanent disqualification and black listing of the firm/Company/Partners with their names displayed on PPRA website.

### **Particulars of the Company**

Company (complete data required in the pre-qualification documents).

1. Year of establishment of the firm/Company as HVAC contractor confirmed through registration of PEC alongwith the certificate in corporation, Office address, Telephone, Fax, E-mail & website.

**(Marks Allocated – 10)**

i	1 -3 Years	03	
ii	4-6 Years	05	
iii	7-9 Years	07	
iv	10 and above Years	10	

2. Work shop, Tools & Plants and Vehicle Facility.

**(Marks Allocated – 15)**

i	Work Shop	05	
ii	Vehicle (model should not be less than 5 years)	05	
iii	List of Tools and Plants	05	

3. Operation / Maintenance contracts of HVAC & R, Mechanical Equipments and Kitchen Equipments Executed / In hand (under one roof) along with satisfactory completion certificate from Client as one contract cost not below Rs.2.53 million per year.

**(Marks Allocated –20)**

i	01 - 02 ( No: of Contracts)	10	
ii	03 - 04 (No: of Contracts)	15	
iii	05 and above (No: of Contracts)	20	

4. List of Engineers / Technical staff, their qualification and experience along with documentary proof presently available on payroll (Providing 07 Staff)  
(Required Qualification and experience of the staff as per annexure)

**(Marks Allocated – 10)**

i	02-06	06	
ii	07 and above	10	

5. Valid registration certificate with Pakistan Engineering Council in the field of specialization code (ME01 / ME06) having category C6 or above.

**(Marks Allocated – 05)**

i	1- 2 year	02	
ii	3- 5 year	03	

iii	6 and above year	05	
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6. Litigation History of the Firm.

**(Marks Allocated – 05)**

I	No Litigation. (at Present)	05	
li	Black Listed / on going litigation	0	

7. Penalty/Fine Imposed

**(Marks Allocated – 05)**

I	No penalty	05	
li	1 penalty	03	
lii	2-3 penalties	02	
lv	4 and above penalties	00	

8. Financial Standing / Status Of Firm

- a. Income tax paid during the last 05 years (Attached -audited income Tax. Statement/balance sheet / receipted Tax Challans.

**(Marks Allocated – 10)**

I	Income Tax paid under Rs.0.1 – 0.2 million per Year.	03	
li	0.3 - 0.4 million per year	05	
lii	0.5 - 0.6 million	07	
lv	0.7 million and above	10	

- b. Average annual turnover (for the last five years)

**(Marks Allocated – 10)**

I	Annual turnover Rs.10 million and above (A Class)	10	
li	Annual turnover Rs. 5 – 9.9 million (B Class)	7	
lii	Annual turnover up to Rs.1 – 4.9 million (C Class)	5	

- c. Financial standing of the firm / Company

**(Marks Allocated – 05)**

I	Last 03 years net worth statement (duly certified by a Chartered Accounts firm.	02	
li	minimum funds available Rs. 1.0 to 5.0 million- (required bank statement)	03	

Note: Attested copy of Bank Statement, showing list of one year transaction must be attached.

- d. Valid Registration certificate in-respect of GST, SGST + Income Tax etc

**(Marks Allocated – 05)**

I	Yes	05	
li	No	0	

Payment of tender cost Rs. 10,000/- each (non refundable) in shape of pay order in favour of PIA.

PTC BUILDING – KAP		Documents submitted		Meeting requirement	
		YES	NO	YES	NO
<p>The minimum staff which must always be made available at site by the contractor is as under.</p> <p><b><u>SITE SUPERVISOR</u></b> Three years Diploma of Associate Engineer in Air Conditioning with seven years experience.</p> <p><b><u>AIR CONDITIONING MECHANIC</u></b> Qualified with 1 year Technical Certificate Course, Having five years experience on cold storages and Air Conditioning chiller etc.</p> <p><b><u>AIR CONDITIONER PLANT OPERATOR</u></b> Qualified with two years experience of operating absorption and reciprocation chillers.</p> <p><b>Total Staff---- 07 Nos.</b></p>			01 No.		
			02 Nos.		
			04 Nos.		

All above are mandatory requirements. Non compliance of any of the above, will make the bidder non responsive

## INVENTORY OF PTC BUILDING:-

### ➤ PTC BUILDING (GROUND FLOOR)

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	Split type Air conditioning Units	1.5 Ton/Each	11 Nos.	2018	OP
2.	Split type Air conditioning Units	2 Ton/Each	28 Nos.	2007	OP

### ➤ WIRELESS COMMUNICATION

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
3.	Split type air conditioning plants	2 Ton/Each	02 Nos.	2023/2015	OP

### ➤ CANTEEN

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
4.	Floor Standing "ACSON"	8 Ton/Each	02 Nos.	2020	OP

### ➤ SOLAR ROOM

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
5.	Floor Standing "HAIER"	4 Ton	01 No.	2012	OP

### ➤ AUDITORIUM HALL

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
6.	Split type air conditioning units	4 Ton/Each	05 Nos.	1996	OP

### ➤ MOCKUP HALL

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
7.	Split type Air conditioning units	2 Ton/Each	05 Nos.	1992	OP
8.	Split Types Air conditioning	8 Ton/Each	02 Nos.	2018	OP

### ➤ SPORTS ROOM NO:29

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
9.	Split type Air conditioning units	4 Ton/Each	02 Nos.	1999	NOP(W.O)

### ➤ LAB

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
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10.	Split type Air conditioning units	2 Ton/Each	08 Nos.	2007	OP
11.	Split type Air conditioning unit	1.5 Ton/Each	02 Nos.	2007	OP

➤ **1<sup>ST</sup> FLOOR**

➤ **OFFICES**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
12.	Split type Air conditioning units	2 Ton/Each	10 Nos.	2007	OP
13.	Split type Air conditioning unit	1.5 Ton	01 No.	2007	OP
14.	Window type Air conditioning unit	1.5 Ton	01 No.	1995	NOP(W.O)

➤ **CLASSROOMS**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
15.	Split type Air conditioning units	2 Ton/Each	43 Nos.	2007	OP
16.	Split type Air conditioning units	1.5 Ton/Each	05 Nos.	2007	OP

➤ **2<sup>ND</sup> FLOOR**

➤ **EXAMINATION HALL NO: 02**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
17.	Split type Air conditioning units	2 Ton/Each	07 Nos.	2007	OP

➤ **EXAMINATION HALL NO: 01**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
18.	Split type Air conditioning units	2 Ton/Each	04 Nos.	2014	OP
19.	Split type Air conditioning units	1.5 Ton/Each	02 Nos.	2014	OP

➤ **EXAMINATION OFFICE # 234**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
20.	Split type Air conditioning units	2 Ton/Each	04 Nos.	2007	OP
21.	Window type Air conditioning units	1.5 Ton	01 No.	2007	OP

➤ **CLASS ROOMS**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>QTY</u></b>	<b><u>YEAR OF INSTALLATION</u></b>	<b><u>STATUS (OP/NOP)</u></b>
22.	Split type Air conditioning units	2 Ton/Each	31 Nos.	2007	OP
23.	Split type Air conditioning units	1.5 Ton/Each	02 Nos.	2007	OP

➤ OFFICES

24.	Split type Air conditioning units	2 Ton/Each	19 Nos.	2007	OP
25.	Split type Air conditioning unit	1.5 Ton	01 No.	2007	OP

**6. SIMULATOR BUILDING, COMPUTER BUILDING &  
CORPORATE SAFETY BUILDING- KAP**

## TECHNICAL EVALUATION CRITERIA

Total marks –100  
Qualifying marks – 75

All the applicants to please note that as per PPRA Rules and Regulations, all the documents/statements submitted by a Firm/Company for its pre-qualification are under Oath.

Any document/statement provided if proved false, mis-stated, concocted, or incorrect proved at any time, during or after Pre-qualification will result into permanent disqualification and black listing of the firm/Company/Partners with their names displayed on PPRA website.

1. Particulars of the Company

Company (complete data required in the pre-qualification documents).

Year of establishment of the firm/Company as HVAC contractor confirmed through registration of PEC along with the certificate in corporation, Office address, Telephone, Fax, E-mail & website.

**(Marks Allocated – 10)**

i	1 -3 Years	03	
ii	4-6 Years	05	
iii	7-9 Years	07	
iv	10 and above Years	10	

2. Work shop, Tools & Plants and Vehicle Facility.

**(Marks Allocated – 15)**

i	Work Shop	05	
ii	Vehicle (model should not be less than 5 years)	05	
iii	List of Tools and Plants	05	

3. Operation / Maintenance contracts of HVAC & R, Mechanical Equipments and Kitchen Equipments Executed / In hand (under one roof) along with satisfactory completion certificate from Client as one contract cost not below Rs. 8.34 million per year.

**(Marks Allocated –20)**

i	01 - 02 ( No: of Contracts)	10	
ii	03 - 04 (No: of Contracts)	15	
iii	05 and above (No: of Contracts)	20	

4. List of Engineers / Technical staff, their qualification and experience alongwith documentary proof presently available on payroll (Providing 15 Staff)

(Required Qualification and experience of the staff as per annexure)

**(Marks Allocated – 10)**

i	4-9	04	
ii	10-15	06	
iii	16 and above	10	

5. Valid registration certificate with Pakistan Engineering Council in the field of specialization code (ME01 / ME06) having category C6 or above.

**(Marks Allocated – 05)**

i	1- 2 year	02	
ii	3- 5 year	03	
iii	6 and above year	05	



6. Litigation History of the Firm.

(Marks Allocated – 05)

I	No Litigation. (at Present)	05	
ii	Black Listed / on going litigation	0	

7. Penalty/Fine Imposed

(Marks Allocated – 05)

I	No penalty	05	
ii	1 penalty	03	
iii	2-3 penalties	02	
iv	4 and above penalties	00	

8. Financial Standing / Status Of Firm

- a. Income tax paid during the last 05 years (Attached -audited income Tax. Statement/balance sheet / receipted Tax Challans.

(Marks Allocated – 10)

i.	Income Tax paid under Rs.0.1 – 0.2 million per Year.	03	
ii.	0.3 – 0.4 million per year	05	
iii.	0.5 – 0.6 million	07	
iv.	0.7 million and above	10	

- b. Average annual turnover (for the last five years)

(Marks Allocated – 10)

i.	Annual turnover Rs.10 million and above (A Class)	10	
ii.	Annual turnover Rs. 5 – 9.9 million (B Class)	7	
iii.	Annual turnover up to Rs.1 – 4.9 million (C Class)	5	

- c. Financial standing of the firm / Company

(Marks Allocated – 05)

i.	Last 03 years net worth statement (duly certified by a Chartered Accounts firm.	02	
ii.	minimum funds available Rs. 1.0 – 5.0 million- (required bank statement)	03	

**Note:** Attested copy of Bank Statement, showing list of one year transaction must be attached.

- d. Valid Registration certificate in-respect of GST, SGST + Income Tax etc

(Marks Allocated – 05)

i.	Yes	05	
ii.	No	0	

Payment of tender cost Rs. 10,000/- each (non refundable) in shape of pay order in favor of PIA.

SIMULATOR BUILDING, COMPUTER BUILDING & CORPORATE SAFETY-KAP		Documents submitted		Meeting requirement	
		YES	NO	YES	NO
The minimum staff which must always be made available at site by the contractor is as under.					
<p><b><u>SITE SUPERVISOR</u></b></p> <p>Three years Diploma of Associate Engineer in Air conditioning with seven years experience.</p>	01 No.				
<p><b><u>AIR CONDITIONINGMECHANIC</u></b></p> <p>Qualified with 1 year Technical Certificate Course, Having 05 years experience on cold storages and air conditioning chiller etc.</p>	05 Nos.				
<p><b><u>AIRCONDITIONER PLANT OPERATOR</u></b></p> <p>Qualified with Two years experience of operating absorption and reciprocation chillers.</p>	09Nos.				
<b>Total Staff-----</b>		<b>15 Nos.</b>			

All above are mandatory requirements. Non compliance of any of the above, will make the bidder non responsive

## INVENTORY OF SIMULATOR BUILDING - KHI

### ➤ HALL NO. 01

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
(1)	DCE office (Sabro Split)	02 Ton	01No.	2007	OP
(2)	Reception Area Cassette type (Orient)	02Ton/Each	02Nos.	2023	OP
(3)	Manager Security Room (Hitachi)	02 Ton	01No.	2007	OP

### ➤ 1<sup>st</sup> First Floor

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
(1)	Planning Engineer (Sabro split)	02Ton/Each	02Nos.	2007	OP
(2)	Aircraft Engineering Offices (Sabro split)	02Ton/Each	02Nos.	2007	OP

### ➤ HALL NO. 02

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
(1)	Airconditioning Plant floor standing type (Hitachi)	12Ton/Each	02Nos.	1992	OP

### ➤ HALL NO. 3

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
(1)	Cool Point air cooled packaged roof top airconditioner			2011	OP
	<ul style="list-style-type: none"> <li>➤ Model-CWPTU – 225</li> <li>➤ Daikin Chiller</li> </ul>	20Ton/Each 32 Ton	04Nos. 01No.	1992	OP
2)	Cool Point air cooled packaged water chiller				
	<ul style="list-style-type: none"> <li>➤ Model-CWC-550-A,</li> <li>➤ KSB centrifugal water pump set ET 40/20, 1450 RPM</li> <li>➤ KSB centrifugal water pump set ET 40/20, 1450 RPM</li> </ul>	40 Ton 2 HP/Each 5 HP/Each	01No. 02Nos. 02Nos.	2011 2011 2011	NOP(W.O) OP OP
3)	Air cooled split type unit for Computer Room	4 Ton/Each	04Nos.	2023/2015	OP
4)	Air cooled split type unit for Briefing Room	2 Ton/Each	04Nos.	2008	OP
5)	Hydraulic Room split type	2 Ton/Each	02Nos.	2008	OP

### ➤ HALL NO. 04

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1)	Airconditioning plant split type	4 Ton/Each	04Nos.	2015	OP
2)	Airconditioning plant split type	2 Ton/Each	12Nos.	2008	OP
3)	Airconditioning plant split type	18Ton/Each	04Nos.	2004	OP
4)	Air cooled chiller	30 Ton	01No.	2004	OP
5)	Centrifugal water pumping set	7.5 HP/each	02Nos.	2004	OP

6)	Airconditioning plant split type for (747 Cockpit)	8.3Ton/each	01No.	2023	OP
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➤ **EXHAUST FAN**

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1)	EF-1-4, Model PV15-WF3-1 for Toilet	0.8 HP/each	04Nos.	2008	OP
2)	EF-5-6, Model FV20-WV3-1,for kitchen	0.8 HP/each	02Nos.	2008	OP
3)	Main electrical panel		03Nos	2008	OP

## INVENTORY OF COMPUTER BUILDING (CRC)

### SPLIT TYPE AIRCONDITIONERS AT GFL & 1<sup>ST</sup> FLR

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	Split type airconditioning units	1Ton/Each	04Nos.	2005	OP
2.	Split type airconditioning units	1.5Ton/Each	04Nos.	2009	OP
3.	Split type airconditioning units	2Ton/Each	16Nos.	2009	OP
4.	Split type airconditioning units	4Ton/Each	15Nos.	2009/2019	OP
5.	Split type airconditioning plant	12Ton/Each	06Nos.	2009	OP
6.	Water Dispenser		LOT		

## CORPORATE SAFETY

### Ground Floor

#### Class Room

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
	Split A/c Daikool/Haier	4 Ton/Each	02 Nos.	2009/2023	OP

#### Chief Pilot

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
	Split A/c Pel	2 Ton	01 No.	2012	OP
	Split A/c Pel	1 Ton	01 No.	2012	OP

#### Hall

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
	Corporate Safety	4 Ton	05 Nos.	2004	OP

### TEA ROOM

1.	Split A/c	2 Ton	01 No.	2012	OP
2.	Fridge (Bed Room)		01 No.	2012	OP
3.	Automation Cell	1.5 Ton	01 No.	2012	OP
4.	Water Dispensers		02 Nos.		

### 1<sup>st</sup> Floor Corporate Safety Building

#### ERP Section

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	Split A/c Pel	2 Ton/Each	15 Nos.	2012	OP
2.	Split A/c Pel	1 Ton	01 No.	2012	OP
3.	Water Dispensers		02 Nos.		

#### 2<sup>nd</sup> Floor

<u>S.NO</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>QTY</u>	<u>YEAR OF INSTALLATION</u>	<u>STATUS (OP/NOP)</u>
1.	Split A/c Orient	2.0 Ton/Each	03 Nos.	2012	OP
2.	Split A/c	1.0 Ton/Each	04 Nos.	2012	OP
3.	Water Dispenser		01 No.		

**7. PIA AVIATION BUILDING, ENGINEERING AREA,**  
**INTERNATIONAL CARGO, DOMESTIC CARGO, TGS & SALES**  
**OFFICE BLUE AREA-ISLAMABAD**

## TECHNICAL EVALUATION CRITERIA

Total marks –100  
Qualifying marks – 75

All the applicants to please note that as per PPRA Rules and Regulations, all the documents/statements submitted by a Firm/Company for its pre-qualification are under Oath.

Any document/statement provided if proved false, mis-stated, concocted, or incorrect proved at any time, during or after Pre-qualification will result into permanent disqualification and black listing of the firm/Company/Partners with their names displayed on PPRA website.

### Particulars of the Company

Company (complete data required in the pre-qualification documents).

1. Year of establishment of the firm/Company as HVAC contractor confirmed through registration of PEC along with the certificate in corporation, Office address, Telephone, Fax, E-mail & website.

**(Marks Allocated – 10)**

i	1 -3 Years	03	
ii	4-6 Years	05	
iii	7-9 Years	07	
iv	10 and above Years	10	

2. Work shop, Tools & Plants and Vehicle Facility.

**(Marks Allocated – 15)**

i	Work Shop	05	
ii	Vehicle (model should not be less than 5 years)	05	
iii	List of Tools and Plants	05	

3. Operation / Maintenance contracts of HVAC & R, Mechanical Equipments and Kitchen Equipments Executed / In hand (under one roof) alongwith satisfactory completion certificate from Client as one contract cost not below Rs. 5.95 million per year.

**(Marks Allocated –20)**

i	01 - 02 ( No: of Contracts)	10	
ii	03 - 04 (No: of Contracts)	15	
iii	05 and above (No: of Contracts)	20	

4. List of Engineers / Technical staff, their qualification and experience alongwith documentary proof presently available on payroll (Providing 11 Staff)  
(Required Qualification and experience of the staff as per annexure)

**(Marks Allocated – 10)**

i	2 – 4	04	
ii	5 -9	06	
iii	10 and above	10	

5. Valid registration certificate with Pakistan Engineering Council in the field of specialization code (ME01 / ME06) having category C6 or above.

**(Marks Allocated – 05)**

i	1- 2 year	02	
ii	3- 5 year	03	
iii	6 and above year	05	

6. Litigation History of the Firm.

(Marks Allocated – 05)

I	No Litigation. (at Present)	05	
li	Black Listed / on going litigation	0	

7. Penalty/Fine Imposed

(Marks Allocated – 05)

I	No penalty	05	
li	1 penalty	03	
lii	2-3 penalties	02	
lv	4 and above penalties	00	

8. Financial Standing / Status Of Firm

- a. Income tax paid during the last 05 years (Attached -audited income Tax. Statement/balance sheet / receipted Tax Challans.

(Marks Allocated – 10)

I	Income Tax paid under Rs.0.1 – 0.2 million per Year.	03	
li	0.3 – 0.4 million per year	05	
lii	0.5 – 0.6 million	07	
lv	0.7 million and above	10	

- b. Average annual turnover (for the last five years)

(Marks Allocated – 10)

I	Annual turnover Rs.10 million and above (A Class)	10	
li	Annual turnover Rs.5 – 9.9 million (B Class)	7	
lii	Annual turnover up to Rs.1 – 4.9 million (C Class)	5	

- c. Financial standing of the firm / Company

(Marks Allocated – 05)

I	Last 03 years net worth statement (duly certified by a Chartered Accounts firm.	02	
li	minimum funds available Rs. 1.0 – 5.0 million- (required bank statement)	03	

**Note:** Attested copy of Bank Statement, showing list of one year transaction must be attached.

- d. Valid Registration certificate in-respect of GST, PGST + Income Tax etc

(Marks Allocated – 05)

I	Yes	05	
li	No	0	

Payment of tender cost Rs. 10,000/- each (non refundable) in shape of pay order in favour of PIA.



DISTRICT SALES OFFICE – Islamabad		Documents submitted		Meeting requirement		
<p>The minimum staff which must always be made available at site by the contractor is as under.</p> <p><b><u>SITE SUPERVISOR</u></b> Three years Diploma of Associate Engineer in Air-conditioning with seven years experience.</p> <p><b><u>AIR CONDITIONINGMECHANIC</u></b> Qualified with 1 year Technical Certificate Course, Having five experience on cold storages and air-conditioning chiller etc.</p> <p><b><u>PLUMBER /GENERAL FITTER / GAS SPECIALIST</u></b> Qualified with ten years' experience on absorption air-conditioning / chiller system</p> <p><b><u>AIRCONDITIONER OPERATOR</u></b> Qualified with two years' experience of operating absorption and reciprocation chillers.</p> <p style="text-align: right;"><b>Total Staff----- 11 Nos.</b></p>		YES	NO	YES	NO	
	01 No.					
	04 Nos.					
	01 Nos.					
	05 Nos.					

All above are mandatory requirements. Non compliance of any of the above, will make the bidder non responsive

**INVENTORY OF HVAC&R EQUIPMENTS INSTALLED AT PIA AVIATION BUILDING,  
ENGINEERING AREA, INTERNATIONAL/ DOMESTIC CARGO, TGS & SALES OFFICE BLUE AREA-  
ISLAMABAD**

**BASEMENT**

S.NO.	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	A/C Plant York	65 HP	01No.	1986	OP
2.	A/C Plant York	65 HP	01No.	1986	NOP
3.	Cooling Towers		02 Nos.	1986	OP
4.	Boiler York Shiplly		02 Nos.	1986	OP
5.	AHU		05 Nos.	1986	OP
6.	Chilled Water Pumps	15 HP	03 Nos.	—	OP
7.	Condenser Water Pumps	7.5 HP	03 Nos.	—	OP
8.	Fresh Water Pumps	7.5 HP	02 Nos.	—	OP
9.	Pump for Feed Water Tank	7.5 HP	02 Nos.	—	OP
10.	Sludge Pumps	5 HP	02 Nos.	—	OP
11.	Refrigerator	—	03 Nos.	—	OP
12.	Electric Geyser	—	01 Nos.	—	OP
13.	Water Cooler	—	01No.	—	OP
14.	Split Type AC Units	1.5TON/Each	09 Nos.	2010	OP
15.	Split Type AC Unit	2TON/Each	02No.	2010	OP
16.	Cassette Type AC Unit	1.5TON	01No.	2012	OP
17.	Cassette Type AC Unit	2TON/Each	03Nos	2012	OP
	Floor Standing type unit	4TON	01NO.	2010	OP
	Water Dispenser	—	06 Nos.	—	

## Ground Level

S.NO.	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Type AC Units	1.5 TON/Each	06 Nos.	2010	OP
2	Split Type AC Units	2.0 TON/Each	02 Nos.	2010	OP
3.	Cassette Type A/c unit	1.5TON	01 No.	2012	OP
4.	Floor Standing Type A/c unit	4TON/Each	03Nos.	2010	OP
5.	Water Dispenser	—	05Nos.	—	OP

## Mezzanine Level

S.NO.	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Refrigerator	—	01 No.	—	OP
2	Electric Geyser	—	01 No.	—	OP
3	Split Type AC Units	1.5 TON/Each	07 Nos.	2012	OP
	Split Type AC Unit	2TON	01Nos.	2012	OP
4	Floor Standing AC Unit	2.0 TON	01 No.	2012	OP
5.	Water Dispenser	—	03Nos.	—	OP

## 1<sup>st</sup> Floor Level

S.NO.	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Refrigerator		01 No.		OP
2.	Electric Geyser		02 Nos.		OP
3.	Split Type AC Units	1.5 TON/Each	16 Nos.	2012	OP
4.	Split Type A/c units	2TON/Each	02Nos	2012	OP

5.	Cassette Type AC Unit	1.5 TON	01 No.	—	OP
6.	Floor Standing A/c Unit	2Ton/Eaxh	02Nos.	—	OP
7.	Water Dispenser	—	05Nos.	—	OP

### 2<sup>nd</sup> Floor Level

S.NO.	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Refrigerator	—	01 No.	—	OP
2	Electric Geyser	—	02 Nos.	—	OP
3	Split Type AC Units	1.5TON/Each	03 Nos.	2012	OP
5	Split Type AC Unit 2.0 Ton	2TON/Each	08 Nos.	2012	OP
6	Cassette Type AC Unit 1.5 Ton	1.5 TON/Each	08 Nos.	2012	OP
7	Cassette Type AC Unit 2.0 Ton	2TON/Each	04 Nos.	2012	OP
8.	Water Dispenser	—	02Nos.	—	OP

### 3<sup>rd</sup> Floor level

S.NO.	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Electric Geyser	—	02 Nos.	—	OP
2	Split Type AC Units	1 TON/Each	03 Nos.	2012	OP
3	Split Type AC Units	1.5 TON/Each	09 Nos.	2012	OP
4	Split Type AC Units	2 TON/Each	14 Nos.	2012	OP
5	Cassette Type AC Unit	1.5 TON/Each	04 No.	2012	OP
6	Cassette Type AC Units	2 TON/Each	08 Nos.	2012	OP
7	Water Dispenser	—	13Nos.	—	OP

### 4<sup>th</sup> Floor Level

S.NO.	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Refrigerator	—	03 Nos.	—	OP
2	Electric Geyser	—	02 Nos.	—	OP
3	Split Type AC Units	1.5 TON/Each	05 Nos.	2012	OP

4	Split Type AC Units	2 TON/Each	05 Nos.	2012	OP
5	Cassette Type AC Unit	1.5TON/Each	02 Nos.	—	OP
6	Cassette Type AC Units	2 TON/Each	14 Nos.	—	OP
7	Ceiling Mounted Extended Type AC Units	4TON/Each	02 Nos.	—	OP
8	Ceiling Mounted Extended Type AC Units	2TON/Each	01No.	—	OP
9	Floor Standing AC unit	4TON	01No.	2012	OP
10	Window AC Units	2 TON/Each	03 Nos.	2000	OP
11	Water Dispenser	—	07 Nos.	—	OP

### **PIA Aviation Building IIAP ISB**

S.NO.	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Type AC Unit 1.5 Ton	1.5 TON/Each	21 Nos.	2018	OP
2	Split Type AC Unit 2.0 Ton	2 TON/Each	11 Nos.	2018	OP
3	Water Dispenser	—	03 Nos.	—	OP
4	Electric Geyser	—	03 Nos.	—	OP
5	Fridge/Refrigerator	—	02 Nos.	—	OP

### **PIA Cargo International and Domestic IIAP ISB**

S.NO.	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Cassette Type AC Unit 1.0 Ton	1 TON/Each	02 Nos.	2020	OP
2	Cassette Type AC Unit 1.5 Ton	1.5 TON/Each	05 Nos.	2020	OP
3	Cassette Type AC Unit 2.5 Ton	2.5 TON/Each	03 Nos.	2020	OP
4	Split Type Ac unit	1.5TON	01 No.	2020	OP
4	Fridge/Refrigerator		01 No		OP
5	Water Dispenser	—	03 Nos.	—	OP
6	Electric Geyser	—	01 No.	—	OP

### **TGS IIAP ISB**

S.NO.	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Type AC Unit	2.0 TON/Each	02 Nos.	2018	OP
2	Window Type Ac unit	2.0 TON/Each	02Nos.	2000	OP
3	Water Dispenser	—	02 Nos.	—	OP
4	Electric Geyser	—	01 No.	—	OP
<b>Engineering IIAP ISB</b>					
1	Fridge/Refrigerator	—	01 No.	—	OP
2	Split Type Ac unit	1.5TON/Each	31 Nos.	2023	OP
3	Water Dispenser	—	02 Nos.	—	OP
4	Electric Geyser	—	03 Nos.	—	OP

## **8.PIA SALES OFFICE / AIRPORT AREA MULTAN**

## TECHNICAL EVALUATION CRITERIA

Total marks –100  
Qualifying marks – 75

All the applicants to please note that as per PPRA Rules and Regulations, all the documents/statements submitted by a Firm/Company for its pre-qualification are under Oath.

Any document/statement provided if proved false, mis-stated, concocted, or incorrect proved at any time, during or after Pre-qualification will result into permanent disqualification and black listing of the firm/Company/Partners with their names displayed on PPRA website.

### Particulars of the Company

Company (complete data required in the pre-qualification documents).

1. Year of establishment of the firm/Company as HVAC contractor confirmed through registration of PE along with the certificate in corporation, Office address, Telephone, Fax, E-mail & website.

**(Marks Allocated – 10)**

i	1 -3 Years	03	
ii	4-6 Years	05	
iii	7-9 Years	07	
iv	10 and above Years	10	

2. Work shop, Tools & Plants and Vehicle Facility.

**(Marks Allocated – 15)**

i	Work Shop	05	
ii	Vehicle (model should not be less than 5 years)	05	
iii	List of Tools and Plants	05	

3. Operation / Maintenance contracts of HVAC & R, Mechanical Equipments and Kitchen Equipments Executed / In hand (under one roof) along with satisfactory completion certificate from Client as one contract cost not below Rs.3.52 million per year.

**(Marks Allocated –20)**

i	01 - 02 ( No: of Contracts)	10	
ii	03 - 04 (No: of Contracts)	15	
iii	05 and above (No: of Contracts)	20	

4. List of Engineers / Technical staff, their qualification and experience along with documentary proof presently available on payroll (Providing 07 Staff)  
(Required Qualification and experience of the staff as per annexure)

**(Marks Allocated – 10)**

i	2 – 5	06	
ii	6 and above	10	

5. Valid registration certificate with Pakistan Engineering Council in the field of specialization code (ME01 / ME06) having category C6 or above.

**(Marks Allocated – 05)**

i	1- 2 year	02	
ii	3- 5 year	03	
iii	6 and above year	05	



6. Litigation History of the Firm.

(Marks Allocated – 05)

I	No Litigation. (at Present)	05	
ii	Black Listed / on going litigation	0	

7. Penalty/Fine Imposed

(Marks Allocated – 05)

I	No penalty	05	
ii	1 penalty	03	
iii	2-3 penalties	02	
iv	4 and above penalties	00	

8. Financial Standing / Status Of Firm

- a. Income tax paid during the last 05 years (Attached -audited income Tax. Statement/balance sheet / receipted Tax Challans.

(Marks Allocated – 10)

I	Income Tax paid under Rs.0.1 – 0.2 million per Year.	03	
ii	0.3 – 0.4 million per year	05	
iii	0.5 – 0.6 million	07	
iv	0.7 million and above	10	

- b. Average annual turnover (for the last five years)

(Marks Allocated – 10)

I	Annual turnover Rs.10 million and above (A Class)	10	
ii	Annual turnover Rs. 5 – 9.9 million (B Class)	7	
iii	Annual turnover up to Rs.1 – 4.9 million (C Class)	5	

- c. Financial standing of the firm / Company

(Marks Allocated – 05)

I	Last 03 years net worth statement (duly certified by a Chartered Accounts firm.	02	
ii	minimum funds available Rs. 1.0 – 5.0 million- (required bank statement	03	

**Note:** Attested copy of Bank Statement, showing list of one year transaction must be attached.

- d. Valid Registration certificate in-respect of GST, PGST + Income Taxetc

(Marks Allocated – 05)

I	Yes	05	
ii	No	0	

Payment of tender cost Rs. 10,000/- each (non refundable) in shape of pay order in favor of PIA.

PIA SALES OFFICE – MULTAN		Documents submitted		Meeting requirement	
		YES	NO	YES	NO
The minimum staff which must always be made available at site by the contractor is as under.					
<p><b><u>SITE SUPERVISOR</u></b> Three years Diploma of Associate Engineer in Air Conditioning with Seven years experience.</p>	01 No.				
<p><b><u>AIR CONDITIONINGMECHANIC</u></b> Qualifiedwith1 year Technical Certificate Course, Having five years experience on cold storages and Air Conditioning chiller etc.</p>	03 Nos.				
<p><b><u>AIRCONDITIONER OPERATOR</u></b> Qualified with two years experience of operating absorption and reciprocation chillers.</p>	03 Nos.				
<b>Total Staff----</b>					
<b>07 Nos.</b>					

All above are mandatory requirements. Non compliance of any of the above, will make the bidder non responsive

# INVENTORY OF HVAC&R EQUIPMENTS INSTALLED AT

## MULTAN STATION

### GROUND FLOOR

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Air conditioning Plant make Daikin	15 HP/Each	02 Nos.	1987	OP
2.	Cooling Tower		01 No.	2005	OP

### DM Office

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Window air conditioning units	1.5 TON/Each	02 Nos.	1998	OP

### Canteen

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Window air conditioning units	1.5 TON/Each	02 Nos.	1998	OP
2.	Water Cooler		01 No.	2000	OP

### Exchange

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	window air conditioner Unit	1.5 TON	01 No.	2002	OP

## Cargo

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Split air conditioner units	1.5 TON/Each	02 Nos.	2015	OP

## M.T DEPT

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	window air conditioner unit	1.5 TON	01 No.	1998	OP

## MEDICAL

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	window air conditioner unit	1.5 TON/Each	05 Nos.	2001	OP
2.	Split air conditioner unit	1.5 TON	01 No.	2001	OP
3.	Fridge		01 No.	2001	OP

## DM HOUSE

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Window air conditioning unit	1.5 TON/EACH	02 Nos.	1998	OP

## RE-IMBURSEMENT

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	split A/C Unit	1.5 TON	01 No.	2015	OP

## FINANCE DEPT

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Finance Manager Split A/C	2 TON	01 No.	2012	OP

2.	Finance Hall Split A/C	2 TON	01 No.	2012	OP
3.	Finance Hall Window A/c	1.5 TON/Each	02 Nos.	1998	OP

**TOM Office**

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Split A/C	1.5 TON	01 No.	2012	OP

**DM Secretariat**

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Split A/C	2 TON	01 No.	2012	OP

**HR Booking Office**

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Split A/C	1.5 TON/Each	02 Nos.	2012	OP

**Works Dept**

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Split A/C	1.5 TON	01 No.	2012	OP

**HR Class Room**

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Split A/C	1.5 TON	01 Nos.	2000	OP
2.	Window A/c	1.5 TON/Each	02 Nos.	1998	OP

**IT Room**

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Split A/C	1.5 TON	01 No.	2022	OP

## SPO Hall

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Split A/C	1.5 TON	01 No.	2003	OP

## PSM

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Split A/c	1.5 TON	01 No.	2003	OP
2.	Prayer Room Split A/c	1.5 TON/Each	02 Nos.	2008	OP
3.	Ladies Rest Room Window Air conditioner	1.5 TON	01 No.	1990	OP

## PTC MULTAN

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Split A/C	1 TON/Each	05 Nos.	2015	OP
2.	Split A/C	2 TON/Each	06 Nos.	2015	OP

## AIRPORT PREMISES

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Traffic Officer, Split air conditioner	1.5 TON	01 No.	2012	OP
2.	Sales Office Split air conditioner	1.5 TON	01 No.	2022	OP
3.	Lost & found office, Split air conditioner	1.5 TON	01 No.	2002	OP
4.	Canteen, Split air conditioner	1.5 TON	01 No.	2012	OP
5.	Loader Room Window air conditioner	1.5 TON	01 No.	1998	OP
6.	Cargo, Split air conditioner	1.5 TON/Each	02 Nos.	2020	OP
7.	Store, Window air conditioner	1.5 TON	01 No.	1998	OP
8.	Store, Split air conditioner	1.5/Each	02Nos.	2002/2020	OP

9.	T.G.S Window air conditioner	1.5 TON/Each	02 Nos.	1998	OP
10.	T.G.S Split air conditioner	1.5 TON/Each	02Nos.	1998	OP

## **9. PIA SALES OFFICE / AIRPORT AREA PESHAWER**



## TECHNICAL EVALUATION CRITERIA

Total marks –100  
Qualifying marks – 75

All the applicants to please note that as per PPRA Rules and Regulations, all the documents/statements submitted by a Firm/Company for its pre-qualification are under Oath.

Any document/statement provided if proved false, mis-stated, concocted, or incorrect proved at any time, during or after Pre-qualification will result into permanent disqualification and black listing of the firm/Company/Partners with their names displayed on PPRA website.

### Particulars of the Company

Company (complete data required in the pre-qualification documents).

1. Year of establishment of the firm/Company as HVAC contractor confirmed through registration of PEC along with the certificate in corporation, Office address, Telephone, Fax, E-mail & website.

(Marks Allocated – 10)

i	1 -3 Years	03	
ii	4-6 Years	05	
iii	7-9 Years	07	
iv	10 and above Years	10	

2. Work shop, Tools & Plants and Vehicle Facility.

(Marks Allocated – 15)

i	Work Shop	05	
ii	Vehicle (model should not be less than 5 years)	05	
iii	List of Tools and Plants	05	

3. Operation / Maintenance contracts of HVAC & R, Mechanical Equipments and Kitchen Equipments Executed / In hand (under one roof) along with satisfactory completion certificate from Client as one contract cost not below Rs. 3.10 million per year.

(Marks Allocated –20)

i	01 - 02 ( No: of Contracts)	10	
ii	03 - 04 (No: of Contracts)	15	
iii	05 and above (No: of Contracts)	20	

4. List of Engineers / Technical staff, their qualification and experience alongwith documentary proof presently available on payroll (Providing 06 Staff)  
(Required Qualification and experience of the staff as per annexure)

(Marks Allocated – 10)

i	2 – 4	06	
ii	05 and above	10	

5. Valid registration certificate with Pakistan Engineering Council in the field of specialization code (ME01 / ME06) having category C6 or above.

(Marks Allocated – 05)

i	1- 2 year	02	
ii	3- 5 year	03	
iii	6 and above year	05	

6. Litigation History of the Firm.

(Marks Allocated – 05)

I	No Litigation. (at Present)	05	
li	Black Listed / on going litigation	0	

7. Penalty/Fine Imposed

(Marks Allocated – 05)

I	No penalty	05	
li	1 penalty	03	
lii	2-3 penalties	02	
lv	4 and above penalties	00	

8. Financial Standing / Status Of Firm

- a. Income tax paid during the last 05 years (Attached -audited income Tax. Statement/balance sheet / receipted Tax Challans.

(Marks Allocated – 10)

I	Income Tax paid under Rs.0.1 – 0.2 million per Year.	03	
li	0.3 – 0.4 million per year	05	
lii	0.5 – 0.6 million	07	
lv	0.7 million and above	10	

- b. Average annual turnover (for the last five years)

(Marks Allocated – 10)

I	Annual turnover Rs.10 million and above (A Class)	10	
li	Annual turnover Rs. 5 – 9.9 million (B Class)	7.5	
lii	Annual turnover up to Rs.1 – 4.9 million (C Class)	5	

- c. Financial standing of the firm / Company

(Marks Allocated – 05)

I	Last 03 years net worth statement (duly certified by a Chartered Accounts firm.	02	
li	minimum funds available Rs. 1.0 - 5.0 million- (required bank statement)	03	

**Note:** Attested copy of Bank Statement, showing list of one year transaction must be attached.

- d. Valid Registration certificate in-respect of GST, KGST + Income Tax etc

(Marks Allocated – 05)

I	Yes	05	
li	No	0	

Payment of tender cost Rs. 10,000/- each (non refundable) in shape of pay order in favor of PIA.

PIA SALES OFFICE – PESHWAR		Documents submitted		Meeting requirement	
		YES	NO	YES	NO
The minimum staff which must always be made available at site by the contractor is as under.					
<b><u>SITE SUPERVISOR</u></b>	01 No. Three years Diploma of Associate Engineer in Air Conditioning with Seven years experience.				
<b><u>AIR CONDITIONINGMECHANIC</u></b>	02 Nos. Qualified with 1 year Technical Certificate Course, Having five years experience on cold storages and Air Conditioning chiller etc.				
<b><u>AIRCONDITIONER OPERATOR</u></b>	03 Nos. Qualified with two years experience of operating absorption and reciprocation chillers.				
<b>Total Staff---- 06 Nos.</b>					

All above are mandatory requirements. Non compliance of any of the above, will make the bidder non responsive

# INVENTORY OF HVAC&R EQUIPMENTS INSTALLED AT PESHAWAR STATION. (2025)

## PIA Booking Office Peshawar

### Reservation Hall (International)

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Standing Unit	Pel	5 HP	1 No	2017	OP
2	Split Unit	Haier	1 Ton	1 No	2014	OP

### Reservation Hall (PFA)

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Pel	2 Ton	1 No	2014	OP
2	Water Dispenser	Orient	Small	1 No	2014	OP

### Facilities Management Division (Works Office)

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Window A/C	General	1.5 Ton	1No.	1990	OP

### HR Office

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Dawlence	1 Ton	1 No	2008	OP
2	Split Unit	Dawlence	1.5 Ton	1 No	2008	OP
3	Window A/C	National	1.5 Ton	2 Nos	1988	OP
4	Window A/C	General	1.5 Ton	1 No	1988	OP
5	Water Dispenser	Orient	Small	1 No	2010	OP

### IT Communication Office

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	General	1.5 Ton	1 No	2007	OP
2	Split Unit	Sabro	1.5 Ton	1 No	1988	OP
6	Water Dispenser	Orient	Small	1 No	2010	OP

### District Manager KPK Office

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
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1	Split Unit	Dawlence	1.5 Ton	1 No	2008	OP
2	Window A/C	General	1.5 Ton	1 No	1988	OP
3	Window A/C	National	1.5 Ton	2 Nos.	1988	OP
4	Refrigerator	Philco	Large	1 No	1988	OP

**PSM Office**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Dawlence	1 Ton	1 No	2008	OP
2	Split Unit	Dawlence	1.5 Ton	1 No	2008	OP
4	Water Dispenser	Orient	Small	1 No	2010	OP
5	Standing Unit	Pel	5 HP	1 No	2017	OP

**Finance Office**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Pel	2 Ton/Each	2 No's	2002	OP
2	Split Unit	Dawlence	1.5 Ton	1 No	2008	OP
3	Window A/C	General	1.5 Ton	1 No	1988	OP
4	Water Dispenser	Orient	Small	1 No	2010	OP

**Medical Centre**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Haier	1.5Ton/Each	2 No's	2003	OP
2	Split Unit	Dawlence	1.5Ton/Each	2 No's	2008	OP
3	Window A/C	National	1.5 Ton	1 No	1988	OP
4	Window A/C	General	1.5Ton/Each	2 No's	1988	OP
5	Refrigerator	Dawlence&Waves	Large/Each	2 No's	2000	OP
6	Water dispenser	Orient	Medium	1 No	2010	OP

**PTC Peshawar**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	General	2 Ton	1 No	1988	OP
2	Split Unit	Pel	1.5Ton/Each	3 No's	2015	OP
3	Split Unit Inverter	Haier	1.5Ton/Each	3 No's	2021	OP
4	Split Unit Inverter	Haier	2 Ton	1 No	2021	OP
5	Split Unit	Pel	2 Ton	1 No	2015	OP
6	Water Dispenser	Enviro	Large	1 No	2015	OP

**Security Gate**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Window A/C	General	1.5 Ton	1 No	1988	OP

**Reservation Hall (Domestic)**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Pel	2 Ton	1 No	2014	OP
2	Water Dispenser	Enviro	Small	1 No	2010	OP
3	Standing Unit	Pel	5 HP	1 No	2017	OP

**Facilities Management Division (A.C Plant Room)**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Window A/C	General	1.5 Ton	1 No	1988	OP

**Motor Transport Office**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Orient	1.5 Ton	1 No	2007	OP
2	Water Dispenser	Orient	Small	1 No	2010	OP

**Mosque**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Window A/C	General	1.5 Ton	1 No	1992	OP
2	Split Unit	Pel	2 Ton	1 No	2014	OP

**Conference Room**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Window A/C	National	1.5 Ton	1 No	1988	OP

**CSM Office**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Haier	1 Ton	1 No	2008	OP

**CBA Union Office**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Pel	2 Ton	1 No	2014	OP
2	Window A/C	General	1 Ton	1 No	1988	OP
3	Water Dispencer	Orient	Small	1 No	2010	OP

**Store Office**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Window A/C	General	1.5 Ton	1 No	2000	OP
3	Water Dispenser	Homage	Small/Each	2 No's	2010	OP

**Water Coolers At Booking Office**

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Water Cooler (Medical)	Nasgas	45 Liters	1 No	2023	OP
2	Water Cooler (Canteen)	Nasgas	45 Liters	1 No	2023	OP
3	Water Cooler (Reservation)	Nasgas	45 Liters	1 No	2023	OP
4	Water Cooler (Security Gate )	Nasgas	45 Liters	1 No	2023	OP
5	Water Cooler (PTC)	Meco	35 Liters	1 No	2014	OP

# PIA Offices Airport Peshawar

## Service Counter

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit Inverter (PAA Property)	LG	2Ton/Each	2 No's	2021	OP
2	Water Dispenser	Homeage	Small	1 No	2010	OP

## Flight Services

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Dawlence	2 Ton	1 No	2000	OP
2	Window A/C	General	1.5 Ton	1 No	1988	OP
3	Water Dispenser	Orient	Small	1 No	2010	OP

## Engineering Section

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Refrigerator	Pel	Medium	1 No	2004	OP
2	Water Dispenser	Orient	Small	1 No	2010	OP

## Catering Section

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit Inverter	Dawlence	1Ton/Each	2 No's	2015	OP
2	Split Unit	Dawlence	1.5 Ton	1 No	2003	OP
3	Deep freezer	Candy	Medium	1 No	1995	OP

## TGS

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
4	Window A/C	General	1.5 Ton	1 No	1988	OP
5	Water Cooler	Welcome	65 Liters	1 No	2023	OP

## SM Secretariat

S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Dawlence	1.5 Ton	1 No	2004	OP
2	Window A/C	General	1.5Ton/Each	2 No's	1988	OP
3	Split Unit	Sabro	1 Ton	1 No	2000	OP
4	Water Cooler	Wellcome	65 Liters	1 No	2023	OP
5	Water Dispenser	Homeage	small	1 No	2010	OP

## Cargo Services



S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Window A/C	General	1.5Ton/Each	6 No's	1988	OP
<b><u>Security Section</u></b>						
S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Super General	1 Ton	1 No	2006	OP
2	Window A/C	General	1.5 Ton	1 No	1988	OP
<b><u>IT Communication Office</u></b>						
S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit	Haier	1 Ton	1 No	2002	OP
2	Window A/C	LG	1.5 Ton	1 No	2004	OP
<b><u>Flight Operations</u></b>						
S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Window A/C	General	1.5 Ton	1 No	1988	OP
<b><u>Baggage Godown</u></b>						
S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Window A/C	LG	1.5 Ton	1 No	1988	OP
<b><u>Traffic Office</u></b>						
S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Split Unit Inverter	Haier	2 Ton	1 No	2023	OP
<b><u>Engineering Tools Store</u></b>						
S.NO	DESCRIPTION	MAKE	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1	Window A/C	General	1.5 Ton	1 No	1988	OP

## **10. PIA SALES OFFICE / AIRPORT AREA QUETTA**

## TECHNICAL EVALUATION CRITERIA

Total marks –100  
Qualifying marks – 75

All the applicants to please note that as per PPRA Rules and Regulations, all the documents/statements submitted by a Firm/Company for its pre-qualification are under Oath.

Any document/statement provided if proved false, mis-stated, concocted, or incorrect proved at any time, during or after Pre-qualification will result into permanent disqualification and black listing of the firm/Company/Partners with their names displayed on PPRA website.

### **Particulars of the Company**

Company (complete data required in the pre-qualification documents).

1. Year of establishment of the firm/Company as HVAC contractor confirmed through registration of PEC alongwith the certificate in corporation, Office address, Telephone, Fax, E-mail & website.

**(Marks Allocated – 10)**

i	1 -3 Years	03	
ii	4-6 Years	05	
iii	7-9 Years	07	
iv	10 and above Years	10	

2. Work shop, Tools & Plants and Vehicle Facility.

**(Marks Allocated – 15)**

i	Work Shop	05	
ii	Vehicle (model should not be less than 5 years)	05	
iii	List of Tools and Plants	05	

3. Operation / Maintenance contracts of HVAC & R, Mechanical Equipments and Kitchen Equipments Executed / In hand (under one roof) alongwith satisfactory completion certificate from Client as one contract cost not below Rs.3.78 million per year.

**(Marks Allocated –20)**

i	01 - 02 ( No: of Contracts)	10	
ii	03 - 04 (No: of Contracts)	15	
iii	05 and above (No: of Contracts)	20	

4. List of Engineers / Technical staff, their qualification and experience along with documentary proof presently available on payroll (Providing 06 Staff)  
(Required Qualification and experience of the staff as per annexure)

**(Marks Allocated – 10)**

i	2 – 4	06	
ii	6 and above	10	

5. Valid registration certificate with Pakistan Engineering Council in the field of specialization code (ME01 / ME06) having category C6 or above.

(Marks Allocated – 05)

i	1- 2 year	02	
ii	3- 5 year	03	
iii	6 and above year	05	

6. Litigation History of the Firm.

(Marks Allocated – 05)

I	No Litigation. (at Present)	05	
li	Black Listed / on going litigation	0	

7. Penalty/Fine Imposed

(Marks Allocated – 05)

I	No penalty	05	
li	1 penalty	03	
lii	2-3 penalties	02	
lv	4 and above penalties	00	

8. Financial Standing / Status Of Firm

1. Income tax paid during the last 05 years (Attached -audited income Tax. Statement/balance sheet / receipted Tax Challans.

(Marks Allocated – 10)

I	Income Tax paid under Rs.0.1 – 0.2 million per Year.	03	
li	0.3 – 0.4 million per year	05	
lii	0.5 – 0.6 million	07	
lv	0.7 million and above	10	

2. Average annual turnover (for the last five years)

(Marks Allocated – 10)

I	Annual turnover Rs.10 million and above (A Class)	10	
li	Annual turnover Rs. 5 – 9.9 million (B Class)	7	
lii	Annual turnover up to Rs.1 – 4.9 million (C Class)	5	

3. Financial standing of the firm / Company

(Marks Allocated – 05)

I	Last 03 years net worth statement (duly certified by a Chartered Accounts firm.	02	
li	minimum funds available Rs. 1.0 - 5.0 million- (required bank statement)	03	

**Note:** Attested copy of Bank Statement, showing list of one year transaction must be attached.

4. Valid Registration certificate in-respect of GST, KGST + Income Tax etc

(Marks Allocated – 05)

I	Yes	05	
li	No	0	

Payment of tender cost Rs. 10,000/- each (non refundable) in shape of pay order in favour of PIA.

DISTRICT SALES OFFICE – QUETTA		Documents submitted		Meeting requirement	
		YES	NO	YES	NO
The minimum staff which must always be made available at site by the contractor is as under.					
<p><b><u>SITE SUPERVISOR</u></b> Three years Diploma of Associate Engineer in Air Conditioning with Seven years experience.</p>	01 Nos.				
<p><b><u>AIR CONDITIONINGMECHANIC</u></b> Qualified with 1 year Technical Certificate Course, Having five years experience on cold storages and Air Conditioning chiller etc.</p>	02 Nos.				
<p><b><u>AIRCONDITIONER OPERATOR</u></b> Qualified with two years experience of operating absorption and reciprocation chillers.</p>	02No.				
<p><b><u>BOILER ATTENDANT</u></b> Qualified and 2<sup>ND</sup> class boiler competency certificate with seven years experience</p>	01 Nos.				
<b>Total Staff---- 06 Nos.</b>					

All above are mandatory requirements. Non compliance of any of the above, will make the bidder non responsive

## INVENTORY OF HVAC&R EQUIPMENTS INSTALLED AT QUETTA STATION

### PIA Booking Office

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
1.	Air cooled split A/C Plant	5 HP/Each	03Nos	1992	OP
2.	Air cooled split A/C Plant	2 HP/Each	02 Nos.	1992	OP
3.	AHU/Hamdifier Unit	7HP	01 No.	1992	OP
4.	Hot water Boiler	—	01 No.	1992	OP
5.	Centrifugal Pump for Hot Water	7.5 HP/Each	02 Nos.	1992	OP
6.	Hot water Radiators ( Plate Type)	—	68 Nos.	1992	OP
7.	Chemical Feeder	—	01 No.	1992	OP
8.	Main Electric Panel Board	—	01 No	1992	OP
9.	Pump Motor	3 HP	01 Set	1992	OP
10.	Window air conditioner	1.5 Ton/each	07 Nos.	1992	OP
11.	Water cooler	40 Gallon/each	02 Nos.	1993	OP
12.	Geyser	—	02 Nos.	—	OP
13.	Split air conditioning unit	1.5 Ton	01 No.	2003	OP

### Airport Premises

S.NO	DESCRIPTION	CAPACITY	QTY	YEAR OF INSTALLATION	STATUS (OP/NOP)
14.	Window air conditioner	1.5Ton/each	06 Nos.	1989	OP
15.	Water cooler	—	02 Nos.	1993	OP
16.	Geyser	—	01 No.	—	OP

# **FINANCIAL PROPOSAL**

**1. OPERATION / MAINTENANCE OF HVAC EQUIPMENTS INSTALLED AT  
ENGINE OVERHAUL & ENGINEERING AREA 'A' – KAP**

<p>To operate / maintain, service (routine &amp; annual) and repair, skillfully and expeditiously, with the competent staff (specified below) by up-keeping, equipment's optimum performance efficiencies with 100% serviceability of air-conditioning (air cooled &amp; Water Cooled), Split Type air-conditioning plants, window type air conditioners, upto 250 TR, electric water coolers refrigerator and deep freezer, cold storage, exhaust &amp; fresh air system water dispenser etc. so as to establish and maintain comfortable environmental conditions, i.e. 24°C within the conditioned areas as per shift pattern mentioned below:-</p>				
<p>SHIFT PATTERN / DUTY TIMINGS FOR VARIOUS SHOPS AT <b>ENGINE OVERHAUL SHOP &amp; FLIGHT OPERATION / WORKS BUILDING &amp; ENGINEERING AREA "A".</b> <b>ENGINEERING AREA:</b> <b>SHIFT A:</b> From 07:00 Hrs to 15:00 Hrs. <b>SHIFT B:</b> From 15:00 Hrs. to 23:00 Hrs. (Five days a week inclusive weekly off and gazetted holidays) SHIFT PATTERN / DUTY TIMINGS <b>FLIGHT SERVICES / FACILITIES MANAGEMENT DEPT (1<sup>ST</sup> FLOOR)</b> <b>General Shift:</b> From 08:30 to 17:30 hours (Five days a week i.e. from Monday to Friday inclusive all weekly off, and gazetted holidays) SHIFT PATTERN / DUTY TIMINGS <b>FLIGHT OPERATION DEPARTMENT (2<sup>ND</sup> FLOOR)</b> <b>Shift A:</b> From 07:00 Hrs. to 15:00 Hrs. <b>Shift B:</b> From 15:00 Hrs. to 23:00 Hrs. <b>Shift C:</b> From 23:00 Hrs. to 07:00 Hrs. (Seven days a week including all gazette holidays)</p>				
<p>The minimum staff which must always be made available at site by the contractor is as under.</p> <p><b>SITE SUPERVISOR</b> Three years Diploma of Associate Engineer in Refrigeration &amp; Air-conditioning with seven years experience.</p> <p><b>AIR CONDITIONING MECHANIC / CUM ELECTRICIAN</b> Technical qualified with Five year experience on Refrigeration and air-conditioning plants / absorption chiller / equipments.</p> <p><b>AIRCONDITIONER OPERATOR</b> Technical qualified with two year experience on Refrigeration and air-conditioning plants / equipments.</p> <p><b>BOILER ATTENDANT</b> Technical qualified and 2<sup>nd</sup> class boiler competency certificate with seven years experience.</p> <p><b>PLUMBER / GENERAL FITTER</b> Technical qualified with ten years experience on absorption air-conditioning / chiller system</p>	QTY	UNIT	RATE	AMOUNT
	01 No.			
	04 Nos			
	11 Nos			
	03 Nos			
01 No				
<b>WAGES</b>		PKR		
<b>MATERIAL COST</b>		PKR		
<b>SERVICES CHARGES</b>		PKR		
<b>TOTAL EXCLUDING TAX (SST-15%)</b>				
<b>GRAND TOTAL INCLUDING TAXES</b>				
<b>TOTAL BID PRICE PER MONTH</b>				
<b>TOTAL BID PRICE FOR ONE YEAR</b>				



**2. OPERATION / MAINTENANCE OF HVAC EQUIPMENTS INSTALLED AT  
ENGINEERING AREA "B" & CARGO, DOMESTIC CARGO, TGS, JIAP-KAP**

To operate / maintain, service (routine & annual) and repair, skillfully and expeditiously, with the competent staff (specified below) by up-keeping, equipment's optimum performance efficiencies with 100% serviceability of air-conditioning (air cooled & Water Cooled), Split Type air-conditioning plants, window type air conditioners, upto 20 TR, electric water coolers refrigerator and deep freezer, cold storage, exhaust & fresh air system water dispenser etc. so as to establish and maintain comfortable environmental conditions, i.e. 24°C within the conditioned areas as per shift pattern mentioned below:-				
<p>SHIFT PATTERN / DUTY TIMINGS FOR <b><u>ENGINEERING AREA "B" DOMESTIC &amp; INTERNATIONAL CARGO COMPLEX, TGS, GOC, IMPORT CARGO TERMINAL &amp; ESTABLISHMENT AT JINNAH Terminal.</u></b> <b><u>ENGINEERING AREA "B"</u></b> <b><u>GENERAL SHIFT:</u></b> From 09:00 Hrs to 17:30 Hrs. (Six days a week inclusive weekly off and gazetted holidays)</p> <p>SHIFT PATTERN / DUTY TIMINGS FOR <b><u>JINNAH TERMINAL</u></b> <b><u>GENERAL SHIFT:</u></b> From 09:00 Hrs to 17:30 Hrs. (Six days a week inclusive weekly off and gazetted holidays)</p> <p><b><u>IMPORT CARGO TERMINAL</u></b> <b><u>SHIFT 'A'</u></b> From 07:00 Hrs to 15:00 Hrs. <b><u>SHIFT 'B'</u></b> From 15:00 Hrs. to 23:00 Hrs. <b><u>SHIFT 'C'</u></b> From 23:00 Hrs. to 07:00 Hrs. (Seven days a week including all gazetted holidays)</p>				
The minimum staff which must always be made available at site by the contractor is as under.	QTY	UNIT	RATE	AMOUNT
	01 No.			
	04 Nos			
<p><b><u>SITE SUPERVISOR</u></b> Three years Diploma of Associate Engineer in Refrigeration &amp; Air-conditioning with seven years experience.</p> <p><b><u>AIR CONDITIONING MECHANIC / CUM ELECTRICIAN</u></b> Technical qualified with Five year experience on Refrigeration and air-conditioning plants / equipments.</p> <p><b><u>AIRCONDITIONER OPERATOR</u></b> Technical qualified with two year experience on Refrigeration and air-conditioning plants / equipments.</p>	10 Nos			
<b>WAGES</b>	PKR			
<b>MATERIAL COST</b>	PKR			
<b>SERVICES CHARGES</b>	PKR			
<b>TOTAL EXCLUDING TAX (SST-15%)</b>				
<b>GRAND TOTAL INCLUDING TAXES</b>				
<b>TOTAL BID PRICE PER MONTH</b>				
<b>TOTAL BID PRICE FOR ONE YEAR</b>				

**3. OPERATION / MAINTENANCE OF HVAC EQUIPMENTS INSTALLED AT**

**FLIGHT KITCHEN – KAP**

To operate / maintain, service (routine & annual) and repair, skillfully and expeditiously, with the competent staff (specified below) by up-keeping, equipment's optimum performance efficiencies with 100% serviceability of air-conditioning (air cooled & Water Cooled), Split Type air-conditioning plants, window type airconditioners, upto 135 TR, electric water coolers refrigerator and deep freezer, cold storage, exhaust & fresh air system water dispenser etc. so as to establish and maintain comfortable environmental conditions, i.e. 24°C within the conditioned areas as per shift pattern mentioned below:-

SHIFT PATTERN / DUTY TIMINGS FOR

**FLIGHT KITCHEN**

**GENERAL SHIFT** From 09:00 Hrs. to 17:30 Hrs.

**SHIFT 'A'** From 07:00 Hrs to 15:00 Hrs.

**SHIFT 'B'** From 15:00 Hrs. to 23:00 Hrs.

**SHIFT 'C'** From 23:00 Hrs. to 07:00 Hrs

(Seven days a week including all gazetted holidays)

The minimum staff which must always be made available at site by the contractor is as under.

		QTY	UNIT	RATE	AMOUNT
1.	<b><u>SITE INCHARGE</u></b> Graduate (B.E) Mechanical Engineer with seven years experience.				
2.	<b><u>SHIFT SUPERVISOR</u></b> Technical qualified Three years Diploma of Associate Mechanical or Air-conditioning engineer with seven years experience				
3.	<b><u>AIR CONDITIONINGMECHANIC CUM ELECTRICIAN</u></b> Technical qualified with 1 year Technical Certificate Course, Having five years experience on cold storages and air conditioning chiller etc				
4.	<b><u>GENERAL ELECTRICIAN / ELECT. TECHNICIAN</u></b> Electric license holder with five years experience on power supply gears and equipments.				
5.	<b><u>PLUMBER CUM FITTER CUM GAS EXPERT</u></b> Technical qualified with Ten years experience on centrifugal pumps and ovens				
6.	<b><u>AIR CONDITIONINGOPERATOR</u></b> Air Conditioningone year Technical Certificate Course with Two years operating experience on A/c Plant / Chiller				
7.	<b><u>SKILLED LABOUR</u></b> Five years experience in Kitchen equipments				
<b>WAGES</b>			PKR		
<b>MATERIAL COST</b>			PKR		
<b>SERVICES CHARGES</b>			PKR		
<b>TOTAL EXCLUDING TAX (SST-15%)</b>					
<b>GRAND TOTAL INCLUDING TAXES</b>					
<b>TOTAL BID PRICE PER MONTH</b>					
<b>TOTAL BID PRICE FOR ONE YEAR</b>					

**4. OPERATION / MAINTENANCE OF HVAC EQUIPMENTS INSTALLED AT ISPHANI HANGER - KAP**

To operate / maintain, service (routine & annual) and repair, skillfully and expeditiously, with the competent staff (specified below) by up-keeping, equipment's optimum performance efficiencies with 100% serviceability of air conditioning (air cooled & Water Cooled), Split Type air conditioning plants, window type air conditioners, upto 20 TR, electric water coolers refrigerator and deep freezer, cold storage, exhaust & fresh air system water dispenser etc. so as to establish and maintain comfortable environmental conditions, i.e. 24°C within the conditioned areas as per shift pattern mentioned below:-					
SHIFT PATTERN / DUTY TIMINGS FOR VARIOUS SHOPS AT <b><u>ISPHANI HANGAR JET TEST / QEC BUILDING ENGINEERING</u></b>					
<b><u>SHIFT PATTERN FOR THE AREA ISPHANI HANGER – KAP</u></b>  <b>Shift A from:</b> 07:00 to 15:00 hours.  <b>Shift B from:</b> 15:00 to 23:00 hours.  (Seven days a week inclusive of all GOVT. gazette and weekly holiday)					
<b><u>SHIFT PATTERN FOR THE AREA JET TEST, QEC BUILDING SHOP &amp; PNEUMATIC SHOP – KAP</u></b>  <b>Shift A from:</b> 07:00 to 15:00 hours.  <b>Shift B from:</b> 15:00 to 23:00 hours.  (Six days a week Monday to Saturday inclusive of all GOVT. gazette and weekly holiday)					
The minimum staff which must always be made available at site by the contractor is as under.		QTY	UNIT	RATE	AMOUNT
<b><u>SITE SUPERVISOR</u></b> Three years Diploma of Associate Engineer in Refrigeration & Air conditioning with Seven years' experience.		01	Nds.		
<b><u>AIR CONDITIONING MECHANIC / CUM ELECTRICIAN</u></b> Technical qualified with five years experience on Refrigeration and Air Conditioning plants / equipments.		04	Nds.		
<b><u>AIRCONDITIONER OPERATOR</u></b> Technical qualified with two year experience on Refrigeration and Air Conditioning plants / equipments.		06	Nds.		
<b>WAGES</b>		PKR			
<b>MATERIAL COST</b>		PKR			
<b>SERVICES CHARGES</b>		PKR			
<b>TOTAL EXCLUDING TAX (SST-15%)</b>					
<b>GRAND TOTAL INCLUDING TAXES</b>					
<b>TOTAL BID PRICE PER MONTH</b>					
<b>TOTAL BID PRICE FOR ONE YEAR</b>					

**5. OPERATION / MAINTENANCE OF HVAC EQUIPMENTS INSTALLED AT PTC – KAP**

To operate / maintain, service (routine & annual) and repair, skillfully and expeditiously, with the competent staff (specified below) by up-keeping, equipment's optimum performance efficiencies with 100% serviceability of air conditioning (air cooled & Water Cooled), Split Type Air Conditioning plants, window type air conditioners, upto 20 TR, electric water coolers refrigerator and deep freezer, cold storage, exhaust & fresh air system water dispenser etc. so as to establish and maintain comfortable environmental conditions, i.e. 24°C within the conditioned areas as per shift pattern mentioned below:-				
SHIFT PATTERN / DUTY TIMINGS FOR  <b><u>PTC BUILDING</u></b> <b>GENERAL SHIFT:</b> From 07:00 to 17:30 Hrs. (Five days a week including all weekly off and gazette holidays)				
The minimum staff which must always be made available at site by the contractor is as under.  <b><u>SITE SUPERVISOR</u></b> Three years Diploma of Associate Engineer in Refrigeration & Air Conditioning with Seven years experience.  <b><u>AIR CONDITIONINGMECHANIC / CUM ELECTRICIAN</u></b> Technical qualified with five years experience on Refrigeration and Air Conditioning plants / equipments.  <b><u>AIRCONDITIONER OPERATOR</u></b> Technical qualified with Two years experience on Refrigeration and Air Conditioning plants / equipments.	QTY	UNIT	RATE	AMOUNT
	01 No.			
	02 Nos			
	04 Nos			
<b>WAGES</b>		PKR		
<b>MATERIAL COST</b>		PKR		
<b>SERVICES CHARGES</b>		PKR		
<b>TOTAL EXCLUDING TAX (SST-15%)</b>				
<b>GRAND TOTAL INCLUDING TAXES</b>				
<b>TOTAL BID PRICE PER MONTH</b>				
<b>TOTAL BID PRICE FOR ONE YEAR</b>				

**6. OPERATION / MAINTENANCE OF HVAC EQUIPMENTS INSTALLED AT SIMULATOR BUILDING, COMPUTER BUILDING & CORPORATE SAFETY BUILDING- KAP**

To operate / maintain, service (routine & annual) and repair, skillfully and expeditiously, with the competent staff (specified below) by up-keeping, equipment's optimum performance efficiencies with 100% serviceability of Air Conditioning(air cooled & Water Cooled), Split Type Air Conditioning plants, window type air conditioners, upto 40TR, electric water coolers refrigerator and deep freezer, cold storage, exhaust & fresh air system water dispenser etc. so as to establish and maintain comfortable environmental conditions, i.e. 24°C within the conditioned areas as per shift pattern mentioned below:-				
<b>SHIFT PATTERN / DUTY TIMINGS FOR SIMULAOR BUILDING, COMPUTER BUILDING &amp; CORPORATE SAFETY BUILDING- KAP.</b>				
<b><u>SIMULAOR BUILDING.</u></b>				
SHIFT 'A' From 07:00 Hrs to 15:00 Hrs. SHIFT 'B' From 15:00 Hrs. to 23:00 Hrs. SHIFT 'C' From 23:00 Hrs. to 07:00 Hrs. (Seven days a week and gazette holidays)				
<b>SHIFT PATTERN / DUTY TIMINGS FOR COMPUTER BUILDING</b>				
SHIFT 'A' From 07:00 Hrs to 15:00 Hrs. SHIFT 'B' From 15:00 Hrs. to 23:00 Hrs. SHIFT 'C' From 23:00 Hrs. to 07:00 Hrs. (Seven days a week and gazette holidays)				
SHIFT PATTERN / DUTY TIMINGS FOR CORPORATE SAFETY BUILDING				
<b>General Shift From 09:00 Hrs to 17:30 Hrs.</b> (Five and Six days a week)				
The minimum staff which must always be made available at site by the contractor is as under.	QTY	UNIT	RATE	AMOUNT
	01 No.			
	05 Nos			
	09 Nos			
<b><u>SITE SUPERVISOR</u></b> Three years Diploma of Associate Engineer in Refrigeration & Air Conditioning with seven years experience.				
<b><u>AIR CONDITIONINGMECHANIC / CUM ELECTRICIAN</u></b> Technical qualified with five years experience on Refrigeration and air-conditioning plants / equipments.				
<b><u>AIRCONDITIONER OPERATOR</u></b> Technical qualified with Two years experience on Refrigeration and air-conditioning plants / equipments.				
<b>WAGES</b>		PKR		
<b>MATERIAL COST</b>		PKR		
<b>SERVICES CHARGES</b>		PKR		
<b>TOTAL EXCLUDING TAX (SST-15%)</b>				
<b>GRAND TOTAL INCLUDING TAXES</b>				
<b>TOTAL BID PRICE PER MONTH</b>				
<b>TOTAL BID PRICE FOR ONE YEAR</b>				

**7.OPERATION / MAINTENANCE OF HVAC EQUIPMENTS INSTALLED ATPIA AVIATION BUILDING, ENGINEERING AREA, INTERNATIONAL CARGO, DOMESTIC CARGO, TGS & SALES OFFICE BLUE AREA-ISLAMABAD**

To operate / maintain, service (routine & annual) and repair, skillfully and expeditiously, with the competent staff (specified below) by up-keeping, equipment's optimum performance efficiencies with 100% serviceability of air-conditioning (air cooled & Water Cooled), Split Type air-conditioning plants, window type air conditioners, upto 60 TR, electric water coolers refrigerator and deep freezer, cold storage, exhaust & fresh air system water dispenser etc. so as to establish and maintain comfortable environmental conditions, i.e. 24°C within the conditioned areas as per shift pattern mentioned below:-				
SHIFT PATTERN/DUTY TIMINGS FOR DISTRICT SALES OFFICE-ISB <b>GENERAL SHIFT</b> From08:00 hrs to 20:00 hrs. (Seven days a week including all gazetted holidays) SHIFT PATTERN / DUTY TIMINGS FOR AVIATION BUILDING, <u>ENGG AREA, INTERNATIONAL / DOMESTIC CARGO, TGS.</u> <b>GENERAL SHIFT</b> From09:00 hrs to 17:30 hrs (Seven days a week including all gazette holidays)				
The minimum staff which must always be made available at site by the contractor is as under.  <b><u>SITE SUPERVISOR</u></b>  Three years Diploma of Associate Engineer in Air-conditioning with seven years experience.  <b><u>AIR CONDITIONINGMECHANIC</u></b>  Qualified with 1 year Technical Certificate Course, Having five years experience on cold storages and air-conditioning chiller etc.  <b><u>PLUMBER /GENERAL FITTER / GAS SPECIALIST</u></b>  Qualified with ten years experience on absorption air-conditioning / chiller system  <b><u>AIRCONDITIONER OPERATOR</u></b>  Qualified with two years experience of operating absorption and reciprocation chillers.	QTY	UNIT	RATE	AMOUNT
	01 No.			
	04 Nos.			
	01 Nos.			
	05 Nos.			
<b>WAGES</b>		PKR		
<b>MATERIAL COST</b>		PKR		
<b>SERVICES CHARGES</b>		PKR		
<b>TOTAL EXCLUDING TAX (SST-15%)</b>				
<b>GRAND TOTAL INCLUDING TAXES</b>				
<b>TOTAL BID PRICE PER MONTH</b>				
<b>TOTAL BID PRICE FOR ONE YEAR</b>				

**8. OPERATION / MAINTENANCE OF HVAC EQUIPMENTS INSTALLED AT DISTRICT SALES OFFICE –MULTAN**

To operate / maintain, service (routine & annual) and repair, skillfully and expeditiously, with the competent staff (specified below) by up-keeping, equipment's optimum performance efficiencies with 100% serviceability of Air Conditioning(air cooled & Water Cooled), Split Type Air Conditioning plants, window type air conditioners, upto 20 TR, electric water coolers refrigerator and deep freezer, cold storage, exhaust & fresh air system water dispenser etc. so as to establish and maintain comfortable environmental conditions, i.e. 24°C within the conditioned areas as per shift pattern mentioned below:-				
SHIFT PATTERN / DUTY TIMINGS FOR  <b><u>DISTRICT SALES OFFICE - MULTAN</u></b>  <b><u>GENERAL SHIFT</u></b> From 08:00 hrs to 18:00 hrs.  (Seven days a week including all gazetted holidays)				
The minimum staff which must always be made available at site by the contractor is as under.  <b><u>SITE SUPERVISOR</u></b>  Three years Diploma of Associate Engineer in Air Conditioning with Seven years experience.  <b><u>AIR CONDITIONING MECHANIC</u></b>  Qualified with 1 year Technical Certificate Course, Having five years experience on cold storages and Air Conditioning chiller etc.  <b><u>AIRCONDITIONER OPERATOR</u></b>  Qualified with Two years experience of operating absorption and reciprocation chillers.	QTY	UNIT	RATE	AMOUNT
	01 No.			
	03 Nos.			
	03 Nos.			
<b>WAGES</b>		PKR		
<b>MATERIAL COST</b>		PKR		
<b>SERVICES CHARGES</b>		PKR		
<b>TOTAL EXCLUDING TAX (SST-15%)</b>				
<b>GRAND TOTAL INCLUDING TAXES</b>				
<b>TOTAL BID PRICE PER MONTH</b>				
<b>TOTAL BID PRICE FOR ONE YEAR</b>				

**9. OPERATION / MAINTENANCE OF HVAC EQUIPMENTS INSTALLED AT DISTRICT SALES OFFICE –PESHAWER**

To operate / maintain, service (routine & annual) and repair, skillfully and expeditiously, with the competent staff (specified below) by up-keeping, equipment's optimum performance efficiencies with 100% serviceability of air-conditioning (air cooled & Water Cooled), Split Type air-conditioning plants, window type air conditioners, upto 20 TR, electric water coolers refrigerator and deep freezer, cold storage, exhaust & fresh air system water dispenser etc. so as to establish and maintain comfortable environmental conditions, i.e. 24°C within the conditioned areas as per shift pattern mentioned below:-				
SHIFT PATTERN / DUTY TIMINGS FOR <b><u>DISTRICT SALES OFFICE - PESHAWER</u></b>				
<b><u>GENERAL SHIFT</u></b> From 08:00 hrs to 18:00 hrs. (Seven days a week including all gazetted holidays)				
The minimum staff which must always be made available at site by the contractor is as under.  <b><u>SITE SUPERVISOR</u></b> Three years Diploma of Associate Engineer in Air-conditioning with Seven years experience.  <b><u>AIR CONDITIONINGMECHANIC</u></b> Qualified with 1 year Technical Certificate Course, Having five years experience on cold storages and air-conditioning chiller etc.  <b><u>AIRCONDITIONER OPERATOR</u></b> Qualified with two years experience of operating absorption and reciprocation chillers.		U N I T	RA TE	AMO UNT
	QTY			
	01 No.			
	02 Nos.			
	03 Nos.			
<b>WAGES</b>		PKR		
<b>MATERIAL COST</b>		PKR		
<b>SERVICES CHARGES</b>		PKR		
<b>TOTAL EXCLUDING TAX (SST-15%)</b>				
<b>GRAND TOTAL INCLUDING TAXES</b>				
<b>TOTAL BID PRICE PER MONTH</b>				
<b>TOTAL BID PRICE FOR ONE YEAR</b>				



**10. OPERATION / MAINTENANCE OF HVAC EQUIPMENTS INSTALLED AT DISTRICT SALES OFFICE –QUETTA**

<p>To operate / maintain, service (routine &amp; annual) and repair, skillfully and expeditiously, with the competent staff (specified below) by up-keeping, equipment's optimum performance efficiencies with 100% serviceability of Air Conditioning(air cooled &amp; Water Cooled), Split Type Air Conditioning plants, window type air conditioners, upto 20 TR, electric water coolers refrigerator and deep freezer, cold storage, exhaust &amp; fresh air system water dispenser etc. so as to establish and maintain comfortable environmental conditions, i.e. 24°C within the conditioned areas as per shift pattern mentioned below:-</p>				
<p>SHIFT PATTERN / DUTY TIMINGS FOR</p> <p><b><u>DISTRICT SALES OFFICE - QUETTA</u></b></p> <p><b><u>GENERAL SHIFT</u></b>            From 08:00 hrs to 18:00 hrs.</p> <p>(Seven days a week including all gazette holidays)</p>				
<p>The minimum staff which must always be made available at site by the contractor is as under.</p> <p><b><u>SITE SUPERVISOR</u></b></p> <p>Three years Diploma of Associate Engineer in Air-conditioning with Seven years experience.</p> <p><b><u>AIR CONDITIONINGMECHANIC</u></b></p> <p>Qualified with 1 year Technical Certificate Course, Having five years experience on cold storages and air-conditioning chiller etc.</p> <p><b><u>AIRCONDITIONER OPERATOR</u></b></p> <p>Qualified with two years experience of operating absorption and reciprocation chillers.</p> <p><b><u>BOILER ATTENDANT</u></b></p> <p>Qualified and 2<sup>ND</sup> class boiler competency certificate with five years experience</p>	QTY	UNIT	RATE	AMOUNT
	01 No.			
	02 Nos.			
	02 Nos.			
	01 No.			
<b>WAGES</b>		PKR		
<b>MATERIAL COST</b>		PKR		
<b>SERVICES CHARGES</b>		PKR		
<b>TOTAL EXCLUDING TAX (SST-15%)</b>				
<b>GRAND TOTAL INCLUDING TAXES</b>				
<b>TOTAL BID PRICE PER MONTH</b>				
<b>TOTAL BID PRICE FOR ONE YEAR</b>				

**DRAFT AGREEMENT**

## AGREEMENT

This AGREEMENT made on this \_\_\_\_\_ between M/s Pakistan International Airlines Corporation, a Corporation organized existing and operating under Pakistan International Airlines Act, 1956 and having its Head Office at Karachi Airport, Karachi (hereinafter called "PIA") of the one part and M/S. \_\_\_\_\_ a Company having its office at \_\_\_\_\_ (Hereinafter called "The Contractor") of the other part.

## WITNESSETH

WHEREAS Contractor has offered to PIA certain specified Technical Services such as Operation/Maintenance, repair and servicing and keeping in running order with 100% efficiency all HVAC System and equipment etc. installed at \_\_\_\_\_ in consideration of total sum of Rs. \_\_\_\_\_ per month in accordance with and upon terms and conditions including terms and conditions contained in work order No. \_\_\_\_\_, dated. \_\_\_\_\_ for the scope of work.

NOW THEREFORE, for and in consideration of covenants and conditions hereinafter set forth herein, the parties hereto, do hereby agree, as follows:

### 1. PRICE

In consideration of amount of Rs. \_\_\_\_\_ to be paid to the contractor on monthly basis by PIA after making all deduction(s) of due amount under law and / or this agreement upon production of duly signed-certified bill at the end of each month. The contractor shall under take the complete maintenance, servicing, repairing and operation of operated equipment as defined in work order attached here to and made a part there of payment action will be undertaken on submission of bill duly certified by Manager HVAC&R or his nominee

### 2. TERM OF THE AGREEMENT

This Agreement shall for the period of one year and will be extendable for further period of two terms subject to the satisfactory performance and mutual consent.

### 3 FUNCTION OF THE CONTRACTOR

- 3.1 Subject to the terms and conditions of this agreement, the contractor agrees that he shall perform functions of servicing repairing and maintenance in respect of the system / equipment.
- 3.2 The contractor will achieve optimum performance of the system / equipments through correct operation, proper maintenance / servicing and in time repairs to avoid interruption to work.
- 3.3 In case any equipment or a part thereof is required to be removed from the system for the purpose of repair, approval in writing shall be obtained by the contractor from PIA's Manager HVAC&R or his nominee.
- 3.3 (a) Contractor shall not carry out any modification or alteration to the existing system / equipment of the plant equipment, fitting and fixtures handled by him in discharging its obligations under this agreement unless the contractor has been asked to do so in writing by the General Manager (Facilities Management) or any other person so authorized by him.
- 3.3 (b) The contractor shall be liable to carry out all modification and alterations to the existing equipment system to the plant, fitting and fixtures handled by him in discharging its obligations under this agreement upon written request to General Manager (Facilities Management) or any other person authorized by him for the same within mutually agreed time. Provided total contract price remains un-altered even if the quantum of work may be increased due to such modification or alterations.

- 3.4 Notwithstanding anything contained in the Agreement it is agreed and understood that the maintenance, servicing and repairs shall be carried out by the contractor in accordance with maintenance schedule provided by the PIA and procedures recommended by the Manufacturers in their maintenance / operating manual. The contractor shall also replace all part(s) materials at its own expenses which are damaged due to its or its employees carelessness / poor workmanship.
- 3.5 Requirement of spare parts pertaining to the systems / equipments shall be intimated to PIA and PIA shall provide all such spare if considered justified by PIA.
- 3.6 (a) The contractor shall maintain record of work performed on each machine / equipment. A separate file shall be kept for each equipment or this purpose. Work record shall be handed over to General Manager (Facilities Management) or his nominee on demand.
- (b) The contractor shall also maintain log book for system operated by him indicating hours run, inspection, maintenance and repair carried out.
- 3.7 All the repairs / replacement and rectification of the defects and malfunctioning of the equipment must be attended in time. Plants, equipments and components etc. must be restored to their normal but efficient and productive functioning within ten days or the stipulated target, whichever is less beyond which a penalty of Rs. 1000/- (Rupees One Thousand only) per day shall be deducted from contractor monthly bills or from any outstanding dues. In case of delay beyond ten days from the stipulated target, PIA shall get the said works / repairs completed at the risk and cost of the contractors from any other party and in-addition to deduction of penalty of Rs. 1000/- (Rupees One Thousand Only) per day till restoration of normal productive operation of the equipment. Moreover any operational requirement pertain to sensitive equipments installed in the conditioned space is to be suffered and incase the contractor is failed to rectify the same within 3 days time period, the said repair work will also be carried out by the other party but on the risk and cost of operation / maintenance contractor. In view of the above, the contractors shall keep sufficient stock of all the related materials at site with detailed information of these to the Manager HVAC&R or his nominated representative in order to meet emergencies etc. promptly.
- 3.8 Engineers and other staff of required trades shall be made available by the contractor at his own cost immediately. On occurrence of major fault / breakdown the work will remained continue till the fault is removed and the system is restored serviceable.
- 3.9 The PIA shall provide following facilities for smooth functioning in order to achieve the optimum results from the services which are as under:
- (a) Site workshop with electricity.
  - (b) Water supply subject to availability.
  - (c) Intercom telephone facility for complaint calls only.

#### **4. TOOLS EQUIPMENTS AND MATERIALS**

The contractor shall provide to his employees all tools / material and other equipment required for carrying out maintenance and repair services under this Agreement. General Manager (Facilities Management) or his nominee may ask contractor to show these tools / material for inspection from time to time.

#### **5. SECURITY DEPOSIT**

Security deposit equivalent to 10% shall be deductible from the each monthly bill of the contractor in lien of, recover any amount in case the contractor fails to comply with any provision of this agreement OR any tear / wear, loss, damage caused by the contractor OR contrary to any obligation of the agreement will be adjusted accordingly. However the same will be refundable on completion after one year maintenance period of contract agreement successfully.

#### **6. DAMAGE TO PERSON AND PROPERTY, INSURANCE / GUARANTEES**

The Contractor shall undertake and agreed that in the performance of its contractual obligations, under this agreement, he will comply with all the applicable laws of the country, and rules pertaining to the payment of wages allowance, insurance of employees and workers, their medical attention, gratuity, grant of annual / sick and casual leave and other rights, facilities and benefits to which its employees and workers are entitled to. And it is expressly agreed and understood by the contractors and PIA that all the responsibility of its employees / worker in this regard,

or to itself are assumed by the contractor and the grant of any such right, facility or benefit to its employees and workers at any time, whether under any levy OR otherwise shall be entirely borne by contractors at its own cost.

- 6.1 The Contractors shall be solely liable for any of its employees by acts or omission in contravention of law PIA shall not be liable for any offence or omissions. If any legal proceedings are initiated not against PIA for any act all the cost (including incidental and the consequential costs) shall be borne by the contractor and PIA shall have a right to recover this cost from any due amount of contract.
- 6.2 If any levy required upon one or both the parties to register this Agreement pursuant to such law, the entire cost of such registration shall be borne by the contractor
- 6.3 The contractor will not correspond with or approach any other directly, whether the staff of PIA or otherwise except the General Manager (Facilities Management) or his nominee regarding any matter arising from this Agreement, The contractor may carry on correspondence with appropriate / relevant officials of the user department.
- 6.4 The contractor shall ensure that all its employees meet the general and technical qualifications
- 6.5 All employees of the contractor while on duty in the premises of PIA shall strictly maintain discipline and proper behavior among themselves and with PIA personnel.
- 6.6 Any employee of the contractor if found committing misconduct or breach of discipline, the contractor shall be responsible for his act and must be quite within 24 hrs and replaced the same.
- 6.7 All the employees of the contractor while on duty shall wear distinctive uniform of standard practice and color with PIAC monogram at the back.
- 6.8 The contractor shall be responsible for any injury / causality sustained by its employee(s) in discharging their contractual obligations under this agreement. PIA shall not accept any liability for the such claims.
- 6.9 The contractor will accept all responsibility for the settlement of claims, resulting from death OR any injury caused due to its employees / workers / officers, agents or any third person in relation to this agreement shall not hold any indemnity against all such claims.
- 6.10 All Notice, Requests and Demands given to or made upon the parties shall be in writing and posted all through registered mail or confirmatory telex, at the addresses set forth below.

#### **CONTRACTOR**

- 6.11 PIA has the right to raise objection on incompetent staff of the contractor. Such staff should be removed within 24 hours on receiving such objection replacement should be provided within 48 hours. If no substitute provided in place of that one person, an amount agreed in the work order at the discretion of General Manager (Facilities Management). Shall be deducted from contractor's monthly bills.
- 6.12 Contractor shall submit monthly report / summary of work done of the previous month atleast on 10<sup>TH</sup> of each month. In case any unit remains non-operational due to the default of the contractor or its employees the contractor shall be liable for payment of fine up to an amount of Rs.1,000/- per day OR at the discretion of General Manager (Facilities Management).
- 6.13 The contractors shall personally visit the sites on daily basis OR otherwise shall be available on telephone in case of problem.
- 6.14 In case the contract is terminated due to in-contravention of the agreement clause / obligation the existing contractor will remain continue to work one month till new contractor has not taken work charge. All the default amount will be deducted from his outstanding dues .
- 6.15 In case of delay in completion of (HVAC) works as per provision of work orders, terms and conditions, the contractor will liable to pay liquidated damages of Rs.1000/- (Rupees one thousand only) per day.

6.16 The parties hereby mutually agreed that during the validity of this agreement or any extension therein Agreement escalation charges shall be payable by the Corporation to the contractor under this agreement and contractors agrees and undertake that it shall not ledge with the Corporation any claims on this account for any reason what so ever

7. **INDEMNITY**

The Contractor undertake and agrees to indemnify and hold harmless PIA, its officers and agents from and against all claims, demands, liabilities, damages and expenses of any nature whatsoever, arising out of or resulting from this agreement whether due to performance / non performance of any service (s) under this agreement by the contractor, its employees or its agents or otherwise.

8. **WARRANTY**

8.1 All material / items used and services provided under this agreement shall be free from defects.

8.2 If contractor not used / performed proper material and services as per clause # 2 of the Terms & Conditions of the Tender PIA should have right to deduct the cost of each item / services from their bills OR from the security deposit.

8.3 Contractor shall be liable to pay all the losses / damages caused due to using non-standard material and services alongwith penalties as imposed by the General Manager (Facilities Management) which will be atleast 1% of the contractor annual bills.

9. **AUTHORITY OF PERSON SIGNING CONTRACT AND DOCUMENT(S)**

Person signing this agreement or any other documents forming part of this agreement on behalf of the contractor shall be deemed to warrant that he has authority to do so from the contractor and if on enquiry, it is revealed that the person so signing had no authority to do so, PIA may without prejudice to other legal rights / remedies cancel the contract without notice and hold the signatory liable for all cost and damages.

10. **FORCE MAJURE**

Except as provided under this agreement neither party shall be liable for any failure or delay in the performance of their obligations due to any cause beyond its reasonable control including without limitation, fire, act of public enemy, war rebellion, insurgency of, accident, act of God, and act of state.

11. The contractor shall not sublet, transfer or assign this agreement to any other party without the prior written permission of PIA.

12. **GOVERNING LAWS & DISPUTE RESOLUTION**

- i. This agreement shall be governed under the Laws of Pakistan.
- ii. Should any dispute arise between the parties regarding interpretation of this agreement, or any matter arising out of this agreement, such dispute shall be resolved through arbitration.
- iii. The arbitration shall be conducted in accordance with arbitration act of 1940.
- iv. The suit of the arbitration shall be at Karachi.
- v. The parties submit to the exclusive jurisdiction of the courts at Karachi.

13. **SCHEDULE**

For all items and purposes, the schedules annexed herewith shall form an integral part of this agreement and the contract shall be bound to fulfill all the terms and condition stipulated therein any deviation from the terms and conditions incorporated in annexed schedules or other part of the agreement shall be deemed to be violation of this agreement on the part of the contractor.

14. **RECOVERIES**

When any amount is recoverable from the contractor due to any of his fault under this or any other Agreement. PIA shall be entitled to deduct any such amount from the pending bills of the contractor, whether due in respect of this or any other Agreement and / or from any other due amount of the contractor lying with PIA and the contractor will have no objection on receipt of the same.

- a) An amount equivalent to 10% of the contractor's monthly certified bills shall be with held by the corporation as security deposit. This retention as per provision of the work order.
- b) M/s. \_\_\_\_\_ here by agree, and under taking that it shall be paid salary to its staff / employees during 1<sup>st</sup> week of every month irrespective of their bills cleared or not by the corporation (PIA)

**15. WAIVER**

The failure of either party at any time to require the performance by the other of any of the terms and provisions here of shall in no way effect the right of that party thereafter to enforce the same nor shall the waiver by either party or breach of any of the terms or provision hereof taken or held to be waiver of any succeeding breach of any such terms of provision itself.

**16. INSOLVENCY AND BREACH OF CONTRACT**

Should contractor be adjudicated insolvent or made to enter into any agreement for composition with the creditors or be wound up earlier compulsory or voluntarily or commit any breach of the agreement not herein specifically provided. PIA shall have the right to declare the agreement terminated forthwith in which case the contractor shall be liable to the confiscation of its any deposit amount and pay PIA for any extra expenses which it might incur but it shall not be entitled to any gain or compensation from PIA.

**GENERAL CONDITIONS**

**17. THE COST OF CONTRACT WHATSOEVER SHALL BE INCLUSIVE OF THE FOLLOWING MATERIALS AND SERVICES ETC.**

- a) All type of refrigerants, nitrogen, oxygen, acetylene gases, all lubricants and compressor oils etc. All types of driers and expansion valves and capillaries and gear box oil, etc.
- b) Dusters, cotton waste, linen pieces, kerosene oil, petrol and other solvent for cleaning and washing purpose and various descaling chemicals for descaling of interiors, exteriors of the various HVAC&R equipments etc.
- c) All types of ball bearings and roller bearings, pedestal bearings, bushes, packing rings all kinds of packing, flexible couplings, gaskets, oil seals, V-belts, nuts, bolts, washers, screws, fan blades, blowers foundation bolts and nuts etc. thermostat, selector switch, PVC connection for water cooler.
- d) Thermo pore, thermo flex, glass wool insulation cotton cloth and adhesives foam filters involved in piping and duct insulation etc. paints & red oxide etc.
- e) Repairing of all kinds of solenoid coils, electronic circuits / plate, relays, overloads starters, transformers, circuit breakers, thermostat and various electric controls upto 25 Amp capacity, capacitor, holders, two pin and three pin plug. All type of fuses / screw type and pin type holders related with HVAC equipments.
- f) Rewinding / repair of electric motor replacement of ball bearing / bushes etc. upto 7.5 HP and repair / replacement / rewinding etc. of all type of compressor upto 5 Ton capacity.
- g) All type petty welding and fabrication works related to all the equipments, installation and systems etc.
- h) Labour charges and transportation, lifting / re-fixing charges for all purposes of the contract.

**18.** All the plants and equipments shall be operated / maintained / serviced and repaired by technically qualified, trained and experienced staff strictly as specified above for which clearance / approval of Manager HVAC&R or his nominated representative shall must be obtain prior to taking-over the site claiming the monthly bills.

**19.** A staff attendance register shall be daily maintained at the site and shall be regularly and daily checked and signed by PIA Officer and the same original attendance sheet shall be submitted alongwith the bills as document. In case of casual absent of any of the contractual staff, the following category wise deductions shall be made from the monthly bill of the contractor.

<b>Site Engineer</b>	<b>Rs. 1,500/- per day</b>
<b>Site Supervisor</b>	<b>Rs. 1,167/- per day</b>
<b>Mechanic cum Electrician, Boiler Attendant, Plumber&amp;General Electrician</b>	<b>Rs. 1,000/- per day</b>
<b>A/c Operator, Skilled Labour&amp;Reliever</b>	<b>Rs. 833/- per day</b>

20. The contractor shall ensure that their site staff strictly maintain discipline at PIA premises and strictly comply with the instructions issued from time to time by the Manager HVAC&R or his nominated representative. The defaulters shall be terminated immediately.
21. In case, any equipment or part or component thereof is required it be removed from the system for repairs / replacement or modification, the contractor must obtain prior approval in writing from the Manager HVAC & R or his nominated representative, explaining reasons for such requirements.
22. The contractor shall be bound to provide to their staff at site their own risk and cost, all the related tools, testing equipments, kits, materials decaling sets and effective decaling materials, welding sets, high vacuum pumping sets, gas charging plants, all kind of refrigerant (R-22, R-134, R-410a, R-12 and R-502) and nitrogen/oxygen/acetylene gases etc. necessary to expedite operation, servicing reasons for such requirements.
23. PIA shall not pay for the material involved in such repairs which shall occur due to neglectful operation / maintenance and servicing of the equipment by the contractor's staff.
24. It shall be the sole responsibility of the contractors without any extra financial claim, to keep all the indicating devices, instruments, controls, safety devices (electronics, electrical, mechanical, hydraulic and pneumatic employed on various equipments and systems perfectly. Malfunctioning or inoperative or ineffective or missing a plenty of Rs.500/- (Rupees Five Hundred only) per day shall be deducted from the monthly bill of the contractor but beyond three days since the date of detection.
25. All the repairs / replacement and rectification of the defects and malfunctioning of the equipment must be attended in time. Plants, equipments and components etc. must be restored to their normal but efficient and productive functioning within ten days or the stipulated target, whichever is less beyond which a penalty of Rs. 1000/- (Rupees One Thousand only) per day shall be deducted from contractor monthly bills or from any outstanding dues. In case of delay beyond ten days from the stipulated target, PIA shall get the said works / repairs completed at the risk and cost of the contractors from any other party and in-addition to deduction of penalty of Rs. 1000/- (Rupees One Thousand Only) per day till restoration of normal productive operation of the equipment. Moreover any operational requirement pertain to sensitive equipments installed in the conditioned space is to be suffered and incase the contractor is failed to rectify the same within 3 days time period, the said repair work will also be carried out by the other party but on the risk and cost of operation / maintenance contractor.  
In view of the above, the contractors shall keep sufficient stock of all the related materials at site with detailed information of these to the Manager HVAC&R or his nominated representative in order to meet emergencies etc. promptly.
26. Spare parts, other than mentioned in Clause 2 of above and not as a result of neglectful operation by the contractor's staff shall be supplied by PIA to the contractor on demand for replacement. In case the same is not available with PIA the contractor shall be asked by PIA to provide the same without delay on extra payment i.e. actual cost of the items inclusive of GST plus 10% handling charges.
27. The contractors must maintain temperature record sheet indicating ON / OFF/ timing, volts, amperes and temperatures (grill and room) of the all Air Conditioningplants installed in various areas duly countersigned by users and the same is to be submitted to Manager HVAC&R or his nominated representative on daily basis. A logbook shall also be maintained at the site indicating the daily service condition and daily / weekly checkup / maintenance / servicing information of all the Air Conditioning plants.
28. All gazetted holidays are inclusive and no extra claim shall be entertained for operation / maintenance works on official holidays if required. One day weekly off may be allowed to workers as per labour law in such a way that operation should not suffer.
29. None of them contractual staff shall taken away from site without prior approval of the Manager HVAC&R or his nominated representative. Each contractual staff must carry or display on their shoulders / chest contractor's identification while on duty. The defaulter shall be terminated and the contractors shall be penalized @ Rs. 500/- (Rupees Five Hundred only) per day, defaulter to be deducted from contractors monthly bills.



30. The contractor who shall be awarded the contract shall have to execute an Agreement on non-judicial stamp paper with PIA.
31. The bidder must inspect the site before quoting the rates, PIA have the right to reject any bid with unrealistic rates or unworkable rates without assigning any reasons.
32. The bidder must furnish alongwith bid the breakup of their quote as under. If the breakup is not mentioned the bid shall be considered as INCOMPLETE BID.

<b>Total Wages</b>	Rs._____-/-
<b>Cost of Material</b>	Rs._____-/-
<b>Govt. Tax</b>	Rs._____-/-
<b>Profit</b>	Rs._____-/-

33. 10% of the total amount of monthly bill will be kept as security deposit for a period of 12 months for guarantee period and shall be refundable at the end of maintenance period, if the work is entirely found satisfactory.
34. The contractor shall personally visit the equipments at least trice a week and shall be available on telephone at site in case of problem.
35. In order to achieve comfortable temperatures within the areas at 07:00 hours the contractors must depute their operating staff to start operation of the Air Conditioningssystem at least one hour earlier i.e. 06:00 hours.
36. To get clearance for 100% serviceability of steam boilers and its allied components from the Chief Boiler Inspector, Govt. of Balochistan, after annual servicing / any repairs each time.
37. The minimum wages to be paid by the contractor to its staff, shall not less than Rs. 25,000/- per month.
38. Any time to time addition of HVAC equipment in the existing inventory.
39. The said contract can be extendable for further period of two terms with mutual consents if found satisfactory.
40. The contractor shall bound to pay the salary to its staff atleast for three months during the first week of each month irrespective of their bills, either cleared or not by the corporation (PIA).
41. It shall be the sole responsibility of the contractors without any extra financial claim to PIA.
  - a) To follow various maintenance schedules of the steam boilers and their allied equipments and controls etc. to upkeep their efficiencies
  - b) To ensure regular soft water supply to boilers with regular use of water treatment chemicals and PH value testing kit and though proper functioning of water softening equipment etc.
  - c) To get clearance for 100% serviceability of steam boilers and its allied components from the Chief Boiler Inspector, Govt. of Balochistan, after annual servicing / any repairs each time.
42. A daily operation data record sheet two hourly basis shall be maintained (in duplicate) at the site by contractors and original shall be submitted daily to PIA representative. It shall indicate the following:-
  - a) ON / OFF timing and ambient temperature and vacuum record of absorption machines.

- b) Incoming voltage and ampere on main electric panel.
  - c) Condenser water temperatures and pressures at inlet and outlet of absorption machines and amperage of condenser water pumps and cooling tower drive.
  - d) Chilled water temperatures and pressures inlet and outlet of absorption machines and amperage of chilled water pumps.
  - e) Water temperature and pressures at inlet and outlet of each air handling units and temperature at grill and amperage of AHU drive.
  - f) Performance record of steam boilers heat exchanger and water softener.
  - g) Record showing quantity / ratio of water treatment chemicals with time intervals and results of testing kit etc. and PH value of condenser water.
- 43.** Due to any reasons, whatsoever, if the serviceability of the plants, equipments, systems and installation etc. shall decrease, a proportionate amount shall be deducted from the monthly bills of the contractors
- a) A daily un-serviceability (area -wise) report showing the date, brief of repair required and target date of the equipment under breakdown shall be prepared (Duplicate) by 10:00 AM daily and submitted to the manager HVAC&R or his nominated representative on the same day
  - b) A daily operation date record sheet (two hourly basis) shall be maintained (in duplicate) at the site by the contractors and original shall be submitted daily to PIA representative for the following:
    - i. For the performance of all the Freezers and cold storage, Ice cube Machine, Filtering plants
    - ii. For the performance of Steam Boilers.
    - iii. For the performance of central chillers, Air Conditioning system and various Air Conditioning units etc.
- 44.** Three sets of proper uniform with contractors identification and Design identification and three sets of black shoes shall be provided by the contractors to each member of site staff, otherwise a penalty of Rs. 500/- (Rupees Five hundred only) per day per defaulter will be deducted from the monthly bills of the contractors.
- 45.** The contractor must submit a certificate alongwith their monthly operation bill duly certified by the concerned works officer (HVAC) that the salary paid by the contractor to its staff, is according to the wages as mentioned in the tender.
- 46.** Manager HVAC&R or his nominated representative shall see from time to time that the above mentioned instructions terms and conditions are being strictly followed. In case of violation of any of these, Manager HVAC&R can terminate the contract through a written one-month notice and the firm will also be black-listed.
- 47.** Any financial loss to PIA i.e. loss of raw material of production, loss or damages to the equipment owing to malfunctioning the equipment or indicating devices or delay beyond the stipulated period, in restoring the operation of the equipment by the contractor's staff, shall be deducted from the monthly bill or outstanding bills of the contractors.
- 48.** A detailed list of all above shall be submitted to the Manager HVAC&R or his reputable at the time of Handing over / Taking Over. None availability of any of the above facilities at site at any time shall force PIA to penalizes the contractors @ of Rs. 1000/- Per day.
- 49.** It shall be the sole responsibility of the contractors without any extra financial claim to PIA.
- a) To follow various maintenance schedules of the Hot water Geyser and their allied equipments and controls etc. to upkeep their efficiencies.

- b) To ensure regular soft water supply to Geyser with regular use of water treatment chemicals and PH-value testing kit and through proper functioning of water softening equipment etc.
50. Staff daily attendance register shall be maintained at the site and shall be regularly checked & signed by HVAC Officer. Monthly original staff attendance sheet shall be submitted alongwith the operation/maintenance bills. In case of contractor's staff found absent from the duty/site the amount of absent period will be deducted from the bill of the contractor as per wages (category wise) mentioned by the contractor in clause 04 of Terms and Conditions of the tender.
51. The contractors shall ensure that their site staff strictly maintain discipline at the PIA premises and strictly comply with the instructions issued from time to time by the Manager HVAC&R or his nominated representative The defaulters shall be penalized @ Rs. 5000/- for each case.
52. The contractor is responsible for dismantling / re-installation of existing A/c unit from one place to other place (inclusive of installationnew A/c Unit) by utilizing existing old materials. In case additional material is to be required, PIA will provide the same on approved TC schedule rates.
53. The contractor shall responsible to arrange security passes to their operational staff upon receipt of work order and if any type of amount for such requirement is to involved, the same will be paid by the contractor
54. **NO BROCKER**  
It is understood and agreed that no Broker(s) Agent(s) have participated in bringing the parties together or in the negotiations preparation of this agreement and contractor hereby warrants that price of the subject matter of this agreement thereof has not being enhanced or increased to accommodate directly and / or indirectly any commission or fee to any person or entity whom so ever. Contractor agrees to indemnify and hold harmless PIA from and against all claims, demands, liabilities, damages, losses and judgments which may be suffered by, accrued against, charged to or are recoverable from PIA and which arises out of contractor's action(s) or negotiation(s) with or in respect of Broker(s), Agent(s).

Not with standing anything contained hereinabove, in the event that any future date it is established that such commission and / or fees of any kind have been made by contractor to any broker (s) or agent (s) or persons or entities whatsoever, such a sum shall be refundable immediately to PIA without prejudice to any other rights or remedies of PIA.

55. **INTEGRITY PACT**

DECLARATION OF FEES, COMMISSIONS AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS / CONTRACTORS OF GOODS, SERVICES & WORKS

\_\_\_\_\_ [the Seller/Supplier/Contractor] hereby declares its intention not to obtain or induce the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice.

Without limiting the generality of the foregoing, [the Seller/Supplier/Contractor] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or including the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[The Seller/Supplier/Contractor] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[The Seller/Supplier/Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [the Seller/Supplier/Contractor] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [the Seller/Supplier/Contractor] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

**56. TERMINATION OF THE AGREEMENT**

Without prejudice to any other available right / remedies, PIA shall have the right to terminate this agreement at its opinion for any reason specifically provided herein under or other ways in case of any breach of this agreement by the contractor notwithstanding anything contained in this agreement each party shall have the right to terminate this agreement without assigning any reason or cause thereof upon 30 days written notice to the other party through registered post and / or confirmatory facsimile.

PIA shall be entitled to terminate this agreement forth with at any time upon serving notice in the event of misconduct either on the part of the contractor or its employee (s).

The termination shall be without prejudice to the accrued rights and liabilities of either party prior to termination.

IN WITNESS WHEREOF the parties hereunto set their hands on the day, months and the year mention hereinabove.

**FOR AND ON BEHALF OF CONTRACTOR**

**FOR AND BEHALF OF PIA**

NAME: \_\_\_\_\_

\_\_\_\_\_

DESIGNATION: \_\_\_\_\_

\_\_\_\_\_

SEAL: \_\_\_\_\_

\_\_\_\_\_

**WITNESSES**

**WITNESSES**

1. \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

2. \_\_\_\_\_

## UNDERTAKING TO EXECUTE CONTRACT

\_\_\_\_\_

\_\_\_\_\_

PIA Karachi

Subject: **UNDERTAKING TO EXECUTE CONTRACT**

Dear Sir,

1. We / I, the undersigned tenderer do here by confirm, agree and undertake to do following in the event our / my tender for \_\_\_\_\_, is approved and accepted.
2. That we / I will enter into and execute the formal contract, a copy of which has been supplied to us / me, receipt whereof is hereby acknowledged and which has been studied and understood by me / us without any change, amendment, revision or addition thereto, within a period of seven days when required by PIA to do so.
3. That all expenses in connection with the preparation and execution of the contract including stamp duty will be boned by us / me.
4. That we / I shall deposit with PIA the amount of security as specified in the contract which shall continue to be held by PIA until three months after expiry of the contract period.
5. That in event of our / my failure to execute the formal contract within the period of Seven days specified by PIA the Earnest Money held by PIA shall stand forfeited and we / I shall not question the same.

Tenderer's Signature \_\_\_\_\_

Name in Full \_\_\_\_\_

Designation \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone / Fax No. \_\_\_\_\_

C.N.I.C No. \_\_\_\_\_

Seal \_\_\_\_\_

Date \_\_\_\_\_