

**OFFICE OF THE MEDICAL SUPERINTENDENT
FAISALABAD INSTITUTE OF CARDIOLOGY, FAISALABAD**

Tender price Rs.2000/- (Non refundable)

Tender inquiry for service maintenance contract for HVAC System

“Otv = As per Annex-B”

Advertisement No.

Scheduled to invitation to advertisement tender:

Last date of issuance of tender	15.02.2023
Last date of receipt of tender	16.02.2023
Last time of receipt of tender	11:00 A.M
Date & time of opening	16.02.2023, 11:30 A.M

Note:

Please read the following notes and instructions carefully.

1. Rates should be quoted for service maintenance contract for one year without parts as per terms & conditions attached.
2. Overwriting/ cutting should be avoided, if inevitable must be signed.
3. Quotation should be sealed and write the tender category and opening date on envelope.
4. Please sign and stamp each paper of tender for this office.
5. Any offer not received as per terms and conditions of the tender inquiry is liable to be ignored.
No offer shall be considered if:
 - Received *without call deposit (2% of the quoted value)* from the firm
 - It is received after the time and date fixed for its receipt.
 - The tender is unsigned.
 - The offer is ambiguous
 - The offer is conditional
 - The offer is from a firm, black listed, suspended or removed from the approved list.
 - The offer is received by telegram
 - Offer received shorter validity than required.
 - Received without original tender receipt.

Terms and condition:

Copy of terms and conditions is attached which should be read carefully and signed by the tenderer and enclosed along with the quotation.



**Medical superintendent
Faisalabad institute of cardiology,
Faisalabad**

FAISALABAD INSTITUTE OF CARDIOLOGY, FAISALABAD

For service maintenance contract of HVAC System

1. Quote your rates for repair Maintenance contract without parts for one year as per terms & conditions attached which may be extendable for 03 months and incase of extraordinary situations extension may be extended up to one year with mutual consent.
2. Please quote the final price inclusive of all kind of taxes: PRA, general sales tax, income tax etc.
3. The tender shall certify that the price quoted against tender are not more than the prices charged from any agency (Government & private) in Pakistan and in case of any discrepancy, the tenderer hereby undertakes to refund the price charged in excess.
4. Quoting firm will provide an undertaking that in case it fails to fulfill it's contractual obligations then they will be responsible for any penalty impose by the institute authority.
5. Attach original tender purchase receipt.

Receipt No.	Date	Amount

6. Get release your old Security if there is no pending supply against it. Any previous security is not adjustable.
7. Attach call deposit receipt of quoted value.....as security deposit in favour of Medical Superintendent, Faisalabad Institute of cardiology, Faisalabad details of call deposit are:

Number	Date	Bank Name	Amount

8. Head of the institute/medical Superintendent or his nominee reserves the right(s) to accept or cancel the tender fully or partially without assigning any reason, which cannot be challenged in any court.
9. The bidder shall provide details of technical staff along with their trainings.
10. The contractor/Firm shall provide spare parts inventory list.

All terms & Conditions are accepted
and quoted rates are inclusive of all taxes.

Signature and Name of Proprietor/ Authorized Person

Thumb Impression

Firm Name

FAISALABAD INSTITUTE OF CARDIOLOGY, FAISALABAD

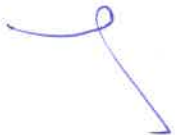
Terms and Conditions

For service maintenance contract of HVAC System

1. Quote your rate on contract basis on free delivery at consignee's end, inclusive of all kinds of taxes.
2. The rates once concluded will be final and contractor shall be bound to provide services throughout the contract period and any extended period. Irrespective of currency devaluation or any duty imposed by the government or other person (s).
3. Contractor will not supply the expired date, defective, sub-standard spurious, counterfeited, forged or inferior quality instead of approved material/ordered items.
4. Contractor shall be bound to supply the stores in full otherwise bill will not be processed till the completion of supply.
5. Contractor will provide the services within specified time when the contract will be awarded by the medical superintendent, Faisalabad institute of cardiology, Faisalabad.
6. If contractor fail to provide the services as specified in terms & conditions of contract, he will be treated according to PPRRA Rules 2014 amended up to date.
7. If the contractor fails to provide services within specified period, the same will be hired from the open market or from the next lowest (if acceptable) on risk purchase basis without any notice to the contractor. The said sum will be deducted from the next bill/security deposit of the contractor or will be treated according to PPRRA Rules 2014 amended up to date.
8. The contractor will submit three copies of bill against services rendered quarterly to the storekeeper concerned dully supported with one photocopy of service contract and service reports.
9. Tax deduction etc. will be according to government rules.

All terms & Conditions are accepted
and quoted rates are inclusive of all taxes.


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Signature and Name of Proprietor/ Authorized Person


Thumb Impression

Firm Name

FOR SERVICE MAINTENANCE CONTRACT.

To: [Name and address of Procuring Agency]

Respected Sir/Madam

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer the Repair and Maintenance Services specified in the Scope of Services / Technical Specifications and in conformity with the said Bidding Documents for the sum of [Total Bid Amount], [Bid Amount in words] or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to render the services in accordance with the scope of services / Technical specifications of this bidding documents.

If our bid is accepted, we shall obtain an unconditional guarantee of a bank in the sum of 05% percent of the Contract Price for the due performance of the contract, in the form prescribed by the Procuring Agency.

We agree to abide by this bid for a period of [number] days from the date fixed for bid opening under forms & conditions of tender, and it shall remain binding upon us and may be acceptable at any time before the expiration of that period. Until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive. Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contact execution if we are awarded the contract, are listed below:

Name and address of bidder Amount and Currency
(if none, state "none")."

Dated this day of _____, 20__

Signature
(in the Capacity of)

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Duly authorized to sign bid for and on behalf of

Attachment



SERVICE MAINTENANCE CONTRACT.

This contract agreement made at Faisalabad, the between messers herein called as “**Contractor**”, having its registered.....office at and as party of one part and the Medical Superintendent, Faisalabad institute of Cardiology, Faisalabad, their successors and legal assign hereinafter called “**client**” as part of the other part.

WITNESSETH

Whereas the client intends that M/s, maintenance / repair the (equipment) Called the equipment” and “M/s” Agrees to maintain/ repair the equipment between (date) and, both days inclusive, on the following mutually agreed terms & conditions.

1. **Contractor M/s** agrees to provide the client operation & maintenance, labour services for the complete system, included in package.
2. **Contractor guarantees the availability of spare parts and accessories for the system during contract period and will provide spare parts price with the bid as per attached “Annex-C”.**

Note: parts not mentioned in demanded list (Annex-C) shall be considered as a part of contract, furthermore items/consumables mentioned in (Annex-A) will also be the responsibility of the contractor.

3. **With effects from (date), service charges based on quoted value Rs. Equipment requiring maintenance, will payable every year to the company in four equal installments. The contractor will submit the bill at the end of every three months.**

4. UPTIME GUARANTEE:

- i. Annual uptime of 95% be considered as acceptable level of performance.
- ii. Uptime shall be defined as the time available HVAC services 24/7.
- iii. Contractor shall check systems performance, every week. For every month an “uptime percentage” will be calculated by the dividing “system in service” hours by” hours available” both measured on the basis of working hours as detailed in clause(ii) of this contract.
- iv. If the uptime percentage for the measurement period should fall short of 95% annually the following formula will be applied to determine additional days in service contract period.

<u>Uptime</u>	<u>Penalty</u>
100-95%	None
100-90%	extension of service contract at no further cost by down time X Factor 2.0
100-80%	-do- X Factor 3.0
80% and below	-do- X Factor 4.0


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5. DOWNTIME

- i. Downtime is defined as failure in equipment operation.
- ii. Down time will start when the end user notifies the designated service facility verbally or in writing. Contractor will provide the service telephone number accessible, round the clock. The response time of 02 hours will be considered normal.
- iii. Downtime will end once the repairs have been affected and the system is again available.
- iv. The installation of the system improvement and updates as schedule by mutual agreement of both the parties as well as schedule preventative maintenance shall not be considered as downtime.
- v. Qualified and fully trained/service support will be available from the contractor as a backup to the local/sight engineers during the contract period at no cost to the client.

6. SCOPE OF WORK

1. One(01) annual comprehensive maintenance.
2. Eleven(11) Monthly inspections of one day duration each.
The annual and monthly inspections will include:
Adjustment, setting, anti scaling and calibration.
Correction of detected defects which result from normal wear & tear and replacing parts, if necessary to maintain the system.
Installation /update of originally purchased software whenever made available by the manufacturer.
Field modification, if any, recommended by the manufacturer to improve performance and reliability.
3. Contractor shall also carry out necessary repair, within the scope of this agreement, as and when required by the client. Furthermore, contractor shall provide operation of the complete system 24/7.
4. The client is accepted to make the equipment to be maintained, available on the agreed dates. In case the client can't meet this requirement, he is obliged to inform the contractor to this affect at least three days prior to the agreed date.

7. SPARE PARTS.

- i. Contractor shall maintain spare parts inventory at a level to meet 95% uptime guarantee.
- ii. The spare parts will be replaced after issuance of purchase order.

8. MISCELLANEOUS:

- i. In case of any representation on part of bidder, the case shall be put before the "committee for redressed of grievance, FIC, who shall act as arbitrator and its decision shall be final.
- ii. Client as well has the right to terminate the contract agreement, if contractor fails to provide service as per contractual conditions, after being dully notified by the client in writing of its short coming and give reasonable time for remedial action.



A handwritten signature in blue ink, followed by the letter 'C' in blue ink.

9. FORCE MAJEURE

Contractor agrees to perform all services in good faith. However, in the event of force Majeure any party shall be entitled to suspend performance of obligations. Force Majeure shall be deemed to be any event or occurrence beyond such party's control, as a result of which said party is unable to comply with obligations or can't reasonable be required to do so and shall include acts of God, civil disturbance, wars, acts of public enemy, riots, strikes or work stoppages.

FOR THE CLIENT

Faisalabad Institute of Cardiology,
Faisalabad

Witnesses

1. _____
2. _____

FOR CONTRACTOR

M/s

Witnesses

1. _____
2. _____



Medical superintendent
Faisalabad institute of cardiology,
Faisalabad

A handwritten signature in blue ink, appearing to be the name of the medical superintendent.

ANNEX "A"

Sr. #	Description of Items
01	All Types of Belts (for AHUs)
02	Vacuum Oil
03	Grease
04	Bearings for Pumps, Motors and AHUs
05	Winding of motor
06	Cutting disk
07	Welding and cutting work
08	Drill bits
09	Samad bond
10	Nut and bolts
11	Sand papers
12	Silicon



Medical superintendent
Faisalabad institute of cardiology,
Faisalabad



ANNEX "B"

Sr. #	Description of Items	Qty
01	Direct fired Chillers including relevant accessories, components & piping work with insulation.	02 No's
02	Air cooled chiller including relevant accessories, components & piping work insulation.	01 No
03	Cooling Tower including relevant accessories, components & piping work insulation	02 No's
04	AHU's (Air Handling Unit) including relevant accessories components, piping work, ducting & insulation.	22 No's
05	Operation Theater ceiling with Hepa filters including relevant accessories.	05 No's
06	Sub Distribution Boards for Electric System of AHU's	22 No's
07	FCU's (Fan Coil Units) including relevant accessories components & piping work with insulation	79 No's
08	Automatic Control system (Thermostats) for FCU'S	79 No's
09	Water Supply Pump for Cooling Tower with Foundation including accessories & Electric connections.	05 No's
10	Water supply Pump for Chilled water with Foundation including accessories & Electric connections.	05 No's
11	Mild steel Tank for Diesel storage including Foundation with relevant components	01 No
12	Exhaust fan in cabinets for rest rooms	24 No's
13	Air Curtin on door i/c electric connection	06 No's
14	Main Distribution Board for Electric system of HVAC	01 No
15	Distribution board for electric System of AHU'S	15 No's
16	Sub Distribution Board for Electric System of cooling Tower	01 No
17	Humidifiers including electric connections	19 No's


 Medical superintendent
 Faisalabad institute of cardiology,
 Faisalabad

ANNEX "C"

PARTS FOR DFA CHILLER

Sr. #	Description	Unit	Qty
1.	Solution Pump	Each	1
2.	Ref Pump	Each	1
3.	Octal Alcohol	Each	1
4.	Inhibitor	Each	1
5.	ICVC Module	Each	1
6.	CCM Module	Each	1
7.	UV Sensor	Each	1
8.	Damper Motor	Each	1
9.	VFD	Each	1
10.	Diaphragm valve (small)	Each	1
11.	Level Relay	Each	1
12.	Protect Relay	Each	1
13.	Sensor	Each	1
14.	Diaphragm valve (Large)	Each	1
15.	Lithium Bromide	Each	1
16.	Purging Unit	Each	1
17.	Hepa Filter 24" x 24"	Each	1
18.	Hepa Filter 24" x 12"	Each	1
19.	Hepa Filter 36" x 12"	Each	1
20.	Vacuum Oil (USA)	Each	1
21.	Cond / Chiller Cupper Tube	Each	1

PARTS FOR DFA CHILLER

Sr. #	Description	Unit	Qty
1.	Exv	Each	1
2.	Sensor	Each	1
3.	Compressor oil (USA)	Each	1
4.	Compressor Motor (Stator)	Each	1
5.	Themistor	Each	1
6.	CCH	Each	1
7.	MBB Board	Each	1
8.	CXB Board	Each	1
9.	EXV Board	Each	1
10.	Motor	Each	1
11.	Fan BLADE	Each	1
12.	Lockout Relay	Each	1
13.	HP/ LP Cutouts	Each	1
14.	LCS	Each	1
15.	Ops	Each	1
16.	Compressor valve plate with valve	Each	1
17.	Air cooled Condenser (Single)	Each	1
18.	Refrigerant R-22	Each	1



PARTS FOR COOLING TOWER

Sr. #	Description	Unit	Qty
1.	Belts	Each	1
2.	Motor Bearing	Each	1
3.	PVC Fills (A+B) Thpes	Each	1
4.	Water Nozzle	Each	1
5.	Lower Frame Stand	Each	1
6.	Lower Frame Suction Part	Each	1
7.	Lower Frame L	Each	1
8.	Lower FrameW inside	Each	1
9.	Lower Frame W outside	Each	1
10.	Post R	Each	1
11.	Post L	Each	1
12.	Brace	Each	1
13.	Casing Panel Holder Middle	Each	1
14.	Casing Panel Holder Lower	Each	1
15.	Casing Panel Holder Upper	Each	1
16.	Filling Support Middle	Each	1
17.	Filling Support Lower	Each	1
18.	Brace Beam	Each	1
19.	Upper Beam	Each	1
20.	Fan Beam	Each	1
21.	Louver Beam	Each	1
22.	Upper Board Support	Each	1
23.	Catwalk	Each	1
24.	Internal Piping Support A	Each	1
25.	Internal Piping Support B	Each	1
26.	Strainer	Each	1
27.	Lower Filling Cut Support	Each	1
28.	Lower Water Basin	Each	1
29.	Aux. Suction Tank	Each	1
30.	Inspection Door Set	Each	1
31.	Inspection Door Frame Support	Each	1
32.	Filler Stand Pipe	Each	1
33.	Fan Blade	Each	1
34.	Housing /Hub	Each	1
35.	Pullies	Each	1
36.	Cooling Tower Basin of 1-Cell	Each	1
37.	Cooling Tower Distribution Try of 1-Cell	Each	1


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CHEMICALS FOR CHILLERS

Sr.	Description	Unit	Qty
1	CC Guard 108	KG	1

CHEMICALS FOR COOLING TOWER

Sr.	Description	Unit	Qty
1	CT Guard-20	KG	1
2	BIO Guard-40	KG	1
3	PH Contractor	KG	1

CHILLED / CONDENSER WATER PUMPS

Sr.	Description	Unit	Qty
1.	Bearing for KSB Condenser / Chiller Pumps	Each	1
2.	Bearing for Siemens Motor	Each	1
3.	Coupling Complete Set	Each	1
4.	Coupling Rubber Bush	Each	1
5.	Contactoer with Relay for Chilled Water Pumps	Each	1
6.	Contactoer with Relay for Condenser Water Pumps	Each	1

AIR HANDLING UNITS

Sr.	Description	Unit	Qty
1	Fan Belts	Inch	1
2	Air Filters	Each	1

FAN COIL UNITS

Sr.	Description	Unit	Qty
1	Blower Motor	Each	1
2	Air Filters	Each	1

Medical Superintendent
Faisalabad Institute of Cardiology,
Faisalabad.

