

M/s Mahaseel for Marketing and Agricultural Services Company LLC Kind Attn: Procurement Dept. E-Mail: hfc-procurement@hassad.com	QREF 10-11-2024-1 SUBJECT: Proposal for Annual Maintenance Service for HVAC Chillers (3-Year Contract)
DATE : 10-11-2024	Email: mes@mes.qa

Dear Sir,

Metri Engineering Services is pleased to propose Annual Maintenance Service for the HVAC Chillers at Mahaseel as per the RFQ's outlined scope. The services included in our maintenance contract are:

Chillers - Air cooled Screw type 1055 KW QTY=2 nos

1. Monthly Preventive Maintenance (PPM)

- Inspection of chillers and all related parts.
- Cleaning of condenser coils and fan blades.

2. Quarterly Preventive Maintenance (PPM)

- Cleaning of condenser coils and fan blades.
- Inspection of control panels and electrical controls.

3. Yearly Preventive Maintenance (PPM)

- Oil and water analysis (performed once annually).

4. Breakdown Support

- Unlimited 24/7 on-call service for any breakdowns.
- Troubleshooting and inspection of the entire system as required.

5. Service Reporting

- Submission of detailed service reports following each maintenance and inspection activity, ensuring compliance with the manufacturer's maintenance standards.

6. Spare Parts & Repairs

- Replacement of spare parts and repairs are excluded and will be quoted & invoiced separately.

Contract Duration

3 Years (with service activities provided as outlined above).

Payment Terms

Monthly Fee: 3,000 QAR

Payment Due: Monthly, within 30 days from the invoice date.



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Additional Terms

Quotation Validity: 30 days from the proposal submission date.

We look forward to providing you with reliable and efficient maintenance services. Please let us know if there are any specific terms or adjustments required to meet your needs.

METRI ENGINEERING SERVICES.
FAYEZ METRI (55572793 / 70500311)



Detailed Inclusion/Exclusion List

Included: -

- Minor Consumables like grease...etc and low value items less than 500Q.r
- Refrigerant Top-up (minor)

Excluded (to be quoted upon requirement): -

- Oil replacement of compressor and oil filter, when needed after quality inspection and as per manufacturer recommendation.
- Compressor/Any Mechanical part.
- Compressor Overhauling.
- Rewinding/ Replacement of any motor.
- Filter Drier.
- Solenoid Valve.
- LP/HP & Transducers Switches.
- Oil Pressure Switches.
- Thermostatic Expansion valves
- Electrical Panel & its components
- Shifting of compressor.
- Use of crane.
- Any leak repair in condenser & Evaporator Coil.
- Refrigerants related to major leaks (Leaks because of Condenser & Evaporator coil)
- Oil Analysis & Water Analysis & Water Chemical Treatment.
- Leake rectifications in Condenser, Evaporator, or CHW pipes.

M/s Mahaseel for Marketing and Agricultural Services Company LLC Kind Attn: Procurement Dept. E-Mail: hfc-procurement@hassad.com	QREF 10-11-2024-1 SUBJECT: Anticipated Costs for Spare Parts for Chillers
DATE: 04-12-2024	E-Mail: mes@mes.qa

Dear Sirs,

Kindly find attached the recommended spare parts list cost for the YORK Chillers

Please be advised that the attached list represents only the recommended spare parts for the chillers and. It is important to note that there are additional spare parts not included in this list. These additional parts will be identified and quoted on a case-by-case basis as required. This approach ensures that we provide you with the most relevant and cost-effective solutions tailored to your specific needs.

We appreciate your understanding and are committed to supporting the optimal performance and longevity of your equipment.

Best regards,

Metri Engineering Services W.L.L





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Recommended Spare Parts List
Chiller Model : YORK

ITEM#	DESCRIPTION/SPECIFICATION	Qty (Nos)	Unit Price	Total Price
1	Oil Filter	2	948	1,896
2	Compressor Heater	1	1,154	1,154
3	Oil Filter Gasket Set	2	554	1,107
4	Compressor Full Gasket Set	1	7,817	7,817
5	Compressor Oil	2	7,106	14,211
6	Temperature Sensor	6	948	5,688
7	Low Pressure Transducer	2	869	1,737
8	High Pressure Transducer	2	869	1,737
9	Evaporator Flow Switch	1	474	474
10	High Pressure Switch	2	759	1,518
11	Liquid Line Expansion Valve	1	7,817	7,817
12	MicroTech III Unit Control Board	1	9,159	9,159
13	MicroTech III Compressor Control Board	1	2,843	2,843
14	MicroTech III EXV Control Board	2	5,211	10,422
15	Compressor Fuse 500A	6	474	2,844
16	Fan Fuse	6	33	198
17	Phase Monitor	1	1,106	1,106
18	CFM Fuse Base Kit	2	1,500	3,000
19	Compressor Relay	1	3,080	3,080
20	Compressor Fuse Base Kit	1	8,685	8,685
21	Contactors	4	750	3,000
22	R134A REF	10	350	3,500
23	Oil Analysis	2	1,000	2,000
24	Water Analysis	2	300	600
25	Chemical Treatment	2	1,500	3,000