

M/s Hyatt Regency Oryx Doha Kind Attn: Mr. Ahmad Al Jarouche Mobile: +974 3033 2727 E-Mail: Ahmad.aljarouche@hyatt.com	QREF 29/03/25-2 Subject: Technical & Commercial Proposal for Chillers Repair works & compressors overhauling. Location: Hyatt Regency Oryx Doha
DATE: 29/03/2025	Email: mes@mes.qa

Dear Sir,

Based on the findings from Trane's inspection reports and the provided scope of work, MES Qatar is pleased to submit this technical and commercial proposal for the repair, replacement of defective parts, and compressor overhauling works related to the RTAC375 chiller units installed at Hyatt Regency Oryx Doha.

This proposal is strictly limited to the items described herein. Any additional work, materials, or unforeseen repairs not explicitly mentioned are excluded from the scope.

Scope of Work

- Overhauling of 3 nos defective compressors (Comp 1B in EKS0177, Comp 2B in EKS0178, Comp 2B in EKS0175) using original parts. Includes dismantling, mechanical service, oil replacement, and reinstallation with proper leak test and commissioning. Warranty: 6 months.
- Replacement of all required spare parts in the 6 chillers as per the Trane inspection findings. Parts include: contactors, coils, sensors, fuses, transducers, starter modules, nitrogen flushing, and fan motors.
- Leak testing, nitrogen flushing, and pressure testing for faulty circuits and compressors.
- Submission of report post-completion of works.

Spare Parts & Material Summary

Part No. / Name	Description	Quantity
CTR0344E	Contactator Tripol 150Amp	13
COL0299E	Solenoid Coil 120V/50-60Hz	1
FUS0111E	Fuse Isolating 250Amp	3
SEN02133	Sensor	4



Transducer	Pressure/Temp transducer	2
CAB1147 Cable	Communication/Control Cable	3
CAB1148 Cable	Power Cable	2
Starter Module	Starter electronic module	3
Condenser Fan Motor	For 1k40-9 & 1k40-10	3
Nitrogen	For flushing & leak test	4
R134L Refrigerant	R134A Gas, 13.6 Kg can	4

Chiller	Model	Serial No.	Findings	Suggested Repair / Upgrading
1	RTAC375	EKS0175	Compressor 2B defective (grounded)	Overhaul compressor, replace 3 contactors, 3 fuses, 3 sensors, 2 transducers, 3x CAB1147 cables, 2x CAB1148 cables, 2 starter modules, flush system with nitrogen and leak test
2	RTAC375	EKS0174	Comp 1A lockout; Comp 2B contactor fault	Replace 2x CTR344E contactors, COL299E coil, and 1k40-9 condenser fan motor (grounded)
3	RTAC375	EKS0173	Comp 1A & 1B delta contactors faulty; Comp 2A & 2B contactors faulty; water sensor error	Replace all faulty contactors and water sensor
4	RTAC375	EKS0178	Comp 2B lockout (mechanical); Comp 1A & 2A contactors stuck; condenser fan motor bearing fault	Overhaul compressor, replace contactors, replace 1k40-10 fan motor
5	RTAC375	EKS0177	Comp 1B lockout (mechanical); Comp 2A contactor fault	Overhaul compressor, replace contactor
6	RTAC375	EKS0176	Comp 1B lockout; starter module & contactor faulty; gas short; sensor error	Replace starter module, compressor contactor, perform pressure test, replace sensor

Commercial Offer

Our prices are inclusive of manpower, tools, material supply, and commissioning of the described scope.

Description	Total Price (QAR)
Overhauling of 3 Compressors including all works	346,600
Replacement of spare parts as listed	
Gas charging, leak test, pressure test, nitrogen flushing	

Exclusions

This proposal strictly includes only the works and materials described above. Any additional parts, compressors, labor, or repairs not mentioned are excluded.

Warranty

A warranty of 6 months is provided for the overhauled compressors and replaced components, effective from the date of commissioning. Warranty covers only defects in workmanship or materials supplied by MES.

Payment Terms

- 50% Advance upon acceptance of the proposal.
- 30% upon completion of overhauling and delivery of major parts.
- 20% after successful commissioning and submission of the final report.

Delivery Time

All repair works and part replacements will be completed within 8 to 10 weeks from the date of official confirmation and advance payment, subject to material availability and site access.

We trust the above meets your requirements. Should you need any clarifications or modifications, please feel free to contact us.

Metri Engineering Services W.L.L

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