

**RFQ NUMBER** : 2332503448

**DATE** : 30.12.2025

**REQ No** : 1032506550

**REQ TITLE** : Repairing & Restoration of Tr

**DELIVERY LOCATION** 

**CLOSING DATE** : 06.01.2026

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	REPAIRING & RESTORATION OF CHILLERS	2	NO				
			DEWA-CONFIDENTIAL REPAIRING & RESTORATION						
			OF TRANE AIR-COOLED SCREW CHILLERS- 2 NOS						
			ATSERVICE TU						
			NNEL -5.CHILLER MODEL: RTAC250 SERIAL						
			NUMBERS: EKP3194 & EKP31921. GENERAL						
			DESCRIPTIONTHIS DOCUMENT DEFINES THE						
			TECHNICAL REQUIREMEN						
			TS, SCOPE OF WORKS, MATERIALS, TESTING,						
			COMMISSIONING, AND DOCUMENTATION						
			REQUIRED FOR THECOMPLETE REPAIR,						
			RESTORATION, AND COMMISSION						
			ING OF THE TWO TRANEAIR-COOLED SCREW						
			CHILLERS INSTALLED AT SERVICE TUNNEL 4. THE						
			WORKS SHALLENSURE BOTH CHILLERS ARE						
			RESTORED TO FUL						
			L OPERATIONAL CONDITION AS PEROEM (TRANE)						
			STANDARDS AND DEWA REQUIREMENTS.THE						
			CONTRACTOR SHALL PROVIDE ALL MANPOWER,						
			TOOLS, MATERIAL						
			S, EQUIPMENT, CONSUMABLES, CRANES, LIFTING						
			ACCESSORIES, AND SAFETY						
			ARRANGEMENTSNECESSARY TO COMPLETE THE						



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			WORKS.2. SCOPE OF WORKS2.1 R						
			EFRIGERANT RECOVERY & SYSTEM						
			SAFETY##RECOVER THE REFRIGERANT FROM						
			BOTH CHILLERS (CIRCUIT A & CIRCUIT B)USING						
			APPROVED RECOVERY MACHI						
			NES.##STORE AND HANDLE REFRIGERANT AS PER						
			INTERNATIONAL ENVIRONMENTAL ANDSAFETY						
			GUIDELINES.##PERFORM NITROGEN PURGING AND						
			LEAK TIGHT						
			NESS TESTS BEFORE PROCEEDINGWITH						
			REPAIRS.2.2 SYSTEM LEAKAGE INSPECTION &						
			TIGHTENING##PERFORM COMPLETE LEAK						
			TESTING FOR ALL REFRIGERA						
			NT PIPING, EVAPORATORCONNECTIONS,						
			CONDENSER HEADERS, FITTINGS, VALVES,						
			SENSORS, AND JOINTS.##TIGHTEN LEAK-PRONE						
			AREAS AND REPLACE DE						
			FECTIVE GASKETS, O-RINGS,						
			ANDSEALS.##PROVIDE A LEAK TEST REPORT FOR						
			DEWA APPROVAL.2.3 EDDY CURRENT TESTING OF						
			EVAPORATOR TUBES##PERF						
			ORM EDDY CURRENT TESTING (ECT) FOR						
			EVAPORATOR TUBE BUNDLES OFBOTH						



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			CHILLERS.##IDENTIFY TUBE THINNING, PITTING,						
			CRACKING, OR ANY STRUC						
			TURALWEAKNESS.##PROVIDE COMPREHENSIVE						
			ECT REPORT WITH FINDINGS AND						
			RECOMMENDATIONS.##PLUG OR REPAIR						
			DAMAGED TUBES BASED ON DEWA APPR						
			OVAL.DEWA-CONFIDENTIAL2.4 COMPLETE						
			OVERHAULING OF ALL COMPRESSORS (BOTH						
			CIRCUITS)THE CONTRACTOR SHALL PERFORM						
			COMPLETE MECHANICAL AN						
			D ELECTRICALOVERHAULING OF ALL SCREW						
			COMPRESSORS IN BOTH CHILLERS,						
			INCLUDING:##REPLACEMENT OF OIL, OIL FILTERS,						
			REFRIGERANT FILTERS,						
			STRAINERS.##CLEANING OF OIL CIRCUIT AND						
			FLUSHING.#REPLACEMENT OF: HP SWITCHES#LP						
			SWITCHES#FLOW SWITCHES#O-RINGS & GASKET						
			SETS#UNLOA						
			DER VALVES & COILS#OIL RETURN VALVES &						
			COILS#ALL SOLENOID VALVES#LOAD / UNLOAD						
			COILS##CHECKING & CALIBRATION OF						
			COMPRESSOR SENSORS.#						
1			REASSEMBLY, VACUUMING, AND PRESSURE		1				



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						0200111		10.00.00	
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			TESTING AS PER OEM STANDARDS ANDSITE						
			REQUIREMENT.2.5 SYSTEM FLUSHING##PERFORM						
			COMPLETE REFRIGERA						
			NT CIRCUIT FLUSHING FOR BOTH						
			CIRCUITS.##REMOVE MOISTURE, ACID						
			FORMATION, AND CONTAMINANTS.##REPLACE						
			DRIERS AND FILTERS AFTER FLUSHIN						
			G.##CONDUCT DEEP VACUUM (UP TO 500						
			MICRONS) PRIOR TO GAS CHARGING.2.6						
			VERIFICATION & REPLACEMENT OF COMPRESSOR						
			CONTACTORS##INSPECT C						
			OMPRESSOR CONTACTORS FOR CARBONIZATION,						
			PITTING,OVERHEATING, OR WEAR.##REPLACE						
			DEFECTIVE/WEAK CONTACTORS AS PER SITE						
			CONDITION.##OBT						
			AIN DEWA APPROVAL BEFORE REPLACEMENT.2.7						
			STARTER PANEL & CONTROL MODULES #						
			CHECKING & RECTIFICATION##INSPECT THE						
			STARTER PANELS OF B						
			OTH CHILLERS.DEWA-CONFIDENTIAL#VERIFY						
			PROPER OPERATION AND REPLACE IF REQUIRED:						
			CONTROL MODULES#STARTER						
			BOARDS#DYNAVIEW MODULE.#POWE						1



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			R BOARDS#OVERLOAD PROTECTION						
			DEVICES#RESISTORS##PERFORM						
			RE-PROGRAMMING AND CONFIGURATION OF						
			CONTROL MODULES ANDSTARTER BOARDS AS						
			PER						
			TRANE GUIDELINES.#ENSURE STABLE AND						
			PROPER COMMUNICATION BETWEEN CIRCUITS.2.8						
			REPLACEMENT OF CHILLER DISPLAY BOARD &						
			REQUIRED PROGR						
			AMMING (ADDED)THE CONTRACTOR						
			SHALL:##SUPPLY AND REPLACE THE ORIGINAL						
			TRANE CHILLER DISPLAY BOARD FOR						
			EACHCHILLER (AS REQUIRED).##SUP						
			PLY AND REPLACE ALL ELECTRONICS CARDS AND						
			COMMUNICATION CABLE ASPER SITE						
			REQUIREMENT.##PERFORM ALL NECESSARY						
			BINDING, CONFIGURATION,						
			ADDRESSING,CALIBRATION, AND						
			PROGRAMMING.#RESTORE ALL CHILLER						
			PARAMETERS INCLUDING: COMPRESSOR						
			SEQUENCING#SETPOINTS#SAFETY LIMITS#CO						
			MMUNICATION BUS MAPPING#ALARMS AND EVENT						
			LOGS CONFIGURATION##ENSURE THE DISPLAY						



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			COMMUNICATES CORRECTLY WITH THE MAIN						
			CONTROLLER,STAR						
			TER BOARD, AND MODULE NETWORK.#SUBMIT						
			PROGRAMMING/BINDING VERIFICATION						
			REPORT.2.9 ELECTRICAL PANEL						
			RESTORATION##INSPECT ENTIRE ELECT						
			RICAL PANEL FOR DEFECTS.##REPAIR/REPLACE						
			DAMAGED HINGES, LOCKS, CABLE GLANDS, AND						
			INTERNALWIRING.##TIGHTEN ALL TERMINALS AND						
			PERFORM						
			INSULATION RESISTANCE TEST.##REPLACE						
			BURNT OR LOOSE CONTACTORS AND						
			RESISTORS.DEWA-CONFIDENTIAL2.10 CONDENSER						
			FAN MOTORS##INSPECT AL						
			L CONDENSER FAN MOTORS AND						
			BLADES.##REPAIR OR REPLACE DEFECTIVE						
			MOTORS, BEARINGS, CAPACITORS, OR						
			BLADESBASED ON SITE REQUIREMENT.##P						
			ERFORM ALIGNMENT AND BALANCING.##VERIFY						
			CORRECT ROTATION AND AIRFLOW.2.11						
			REFRIGERANT CHARGING##SUPPLY AND FILL						
			REFRIGERANT (R-134A						
			OR SITE-REQUIRED REFRIGERANT) INBOTH		1				



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			CIRCUITS.##CHARGE AS PER OEM						
			SPECIFICATIONS AND SUPERHEAT/SUBCOOL						
			SETTINGS.##PROVIDE REFRIGERAN						
			T CHARGING REPORT.2.12 TESTING,						
			COMMISSIONING & RELIABILITY RUN##PERFORM						
			INITIAL START-UP AFTER COMPLETING ALL						
			REPAIRS.##MONITOR COM						
			PRESSOR OIL PRESSURE, SUCTION/DISCHARGE						
			PRESSURES, SUPERHEAT, SUBCOOLING, MOTOR						
			LOAD, AND SAFETY INTERLOCKS.##CONDUCT 8#12						
			HOURS CONT						
			INUOUS RELIABILITY TEST.##SUBMIT DETAILED						
			COMMISSIONING REPORT.3. MATERIALS & PARTS						
			REQUIREMENTS3.1 OEM PARTS						
			REQUIREMENT##ALL SPARE						
			PARTS MUST BE ORIGINAL OEM TRANE PARTS						
			ONLY.##CONTRACTOR MUST SUBMIT MATERIAL						
			SUBMITTALS FOR DEWA APPROVAL PRIOR						
			TOINSTALLATION.##N						
			O AFTERMARKET OR EQUIVALENT PARTS ARE						
			ALLOWED.3.2 PARTS VERIFICATION##THE						
			CONTRACTOR SHALL VERIFY EACH PART WITH						
			DEWA ENGINEER BEFOR						



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			EREPLACEMENT.##NO VARIATION OR ADDITIONAL						
			CLAIMS WILL NOT ACCEPT AFTER LPO ISSUANCE.4.						
			DOCUMENTATION REQUIREMENTSTHE						
			CONTRACTOR SHAL						
			L PROVIDE:##DETAILED METHOD						
			STATEMENTDEWA-CONFIDENTIAL##RISK						
			ASSESSMENT (RA)##ACTION PLAN##WORK						
			SCHEDULE##MATERIAL SUBMITTALS##EDDY						
			CURRENT TEST REPORT##LEAK TEST						
			REPORT##COMMISSIONING REPORT##WARRANTY						
			CERTIFICATEALL DOCUMENTATION MUST BE						
			APPROVED BY DEWA BEFORE S						
			TARTING THE WORK.5. WARRANTY##CONTRACTOR						
			SHALL PROVIDE MINIMUM ONE-YEAR WARRANTY						
			ON ALL REPLACEDPARTS AND						
			WORKMANSHIP.##ANY DEFECTS						
			DURING THE WARRANTY PERIOD SHALL BE						
			RECTIFIED IMMEDIATELYAT NO COST TO DEWA.6.						
			GENERAL CONDITIONS##ALL WORKS MUST						
			COMPLY WITH TRANE						
			OEM PROCEDURES AND DEWA						
			SAFETYREGULATIONS.##CONTRACTOR SHALL						
			DEPLOY CERTIFIED HVAC TECHNICIANS AND						



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			ELECTRICALENGINEERS.##CONTRACTOR						
			IS RESPONSIBLE FOR ALL LIFTING, RIGGING,						
			CRANEARRANGEMENTS, TOOLS, AND						
			CONSUMABLES.##SITE MUST BE CLEANED AND						
			RESTORED AFTER COMPLET						
			ION.##DEWA WILL NOT ACCEPT ANY VARIATION						
			CLAIM AFTER LPO ISSUANCE.7. GENERAL						
			CONDITION & MOBILIZATION AT SITE OF THE						
			CONTRACT##THE C						
			ONTRACTOR SHALL OBTAIN ALL NECESSARY						
			APPROVALS/CLEARANCE FROMCONCERNED DEWA						
			ENGINEER/SUPERVISOR BEFORE COMMENCING						
			ANY MAINTENANCEACT						
			IVITIES.##SUPERVISOR SHALL BE RESPONSIBLE						
			FOR THE SAFETY OF MEN/ EQUIPMENTDURING						
			THE MAINTENANCE ACTIVITIES AND ALSO MUST						
			ENSURE THA						
			T WORKEXECUTED IS OF HIGHEST						
			STANDARD.##THE CONTRACTOR SHALL TAKE						
			CARE OF ALL RELATED FORMALITIES						
			LIKEMOBILIZATION OF STAFF, ENSURIN						
			G TOOLS & TEST EQUIPMENT#S ARE AVAILABLEAT						
			SITE FOR CARRYING OUT THE CORRECTIVE		1				



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			MAINTENANCE ACTIVITIES.##TRANSPORTATION OF						
			STAFF FRO						
			M & TO THE SITE SHALL BE ARRANGED BY						
			THECONTRACTOR.DEWA-CONFIDENTIAL##AFTER						
			AWARDED THE LPO CONTRACTOR MUST APPLY						
			FOR FULL TEAM ENTR						
			YPERMIT FOR DURATION OF 6 MONTHS FOR						
			VARIOUS ADMIN BUILDINGS AND FORJEBEL ALI						
			ACCOMMODATION THE CONTRACTOR MUST APPLY						
			FOR 3 MONTHS W						
			ITH ALLTHE SUPPORTING DOCUMENTS						
			(PASSPORT, VISA, EID COPY, VEHICLE						
			DETAILS).##DEWA WILL NOT ACCEPT ANY CLAIM						
			FOR EXTRAS BEYOND THE O						
			RDER PRICEDURING AND AFTER THE EXECUTION						
			OF WORK, UNLESS THE CLAIM WITH						
			PROPERJUSTIFICATION IS APPROVED BY DEWA						
			MANAGEMENT.##THE CON						
			TRACTOR SHALL BE RESPONSIBLE FOR ANY						
			DISCREPANCIES OR DAMAGEOF THE EXISTING						
			SYSTEM DURING EXECUTION OF THE WORK.##THE						
			CONTRACTOR MUS						
1			T EXECUTE ALL RELATED WORK REQUIRED, FOR		1				



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CLOSING TIME : 10

: 10:00:00

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			THE SAFEEXECUTION OF MAINTENANCE ACTIVITY,						
			EVEN THOUGH NOT MENTIONED EXPLICITLYIN THE						
			ORDER						
			.##COVID-19 PRECAUTION MEASURES TO BE						
			FOLLOWED AS PER DEWA HEALTH &SAFETY						
			DEPARTMENT RECOMMENDATION UNTIL FURTHER						
			NOTICE.##CONTRACTO						
			R STAFF IS REQUIRED TO ALWAYS WEAR PROPER						
			PERSONALPROT						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

#### **SPECIAL NOTES / INSTRUCTIONS:**

Repairing <(>&<)> Restoration of Trane Air-Cooled Screw Chillers- 2 Nos

at Service Tunnel -5

Contact: Mohideen / 553810513

Site Visit Date <(>&<)> Time : 31/12/2025 9:00 Payment Terms : After completion of work

#### **STANDARD TERMS & CONDITIONS**

1) Prices should be 'DDP' delivery duty paid at DEWA stores.



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2) Quotation to be submitted only in local currency U.A.E Dirhams

- 3) DEWA Standard payment terms is '30 days credit' from the date of acceptance of material
- 4) No DEWA staff or his or her relatives up to third degree should have ownership or partnership in your company, and your participation in DEWA tenders / RFQs should not constitute a Conflict or perceived Conflict of Interest.
- 5) The offered product and/ or services in the Quotation, shall be conforming and in accordance with DEWA Energy Management Policy & EnMS Manual.
- 6)Confidentiality Clause: The Supplier/Service Provider shall treat all information and data (excluding open data) contained in the Purchase Order or obtained by the Supplier/Service Provider in connection with the execution of Works as proprietary and strictly confidential. In particular, the Supplier/ Service Provider shall not publish or disclose any data or information including but not limited to personally identifiable information, government data, project details, specifications, drawings or photographs concerning the Works to any third parties without the prior written consent of the Employer.

If the Supplier/Service Provider is obligated to obtain NOCs / Permits /Permissions for the Project from Government agencies as per the terms and scope of the Contract, the Supplier/Service Provider shall submit only the specific data required for the purpose to the authorized team of the agency, through their prescribed channel / system, subject to information security requirements

The Supplier/Service Provider shall comply with all the applicable data protection laws and regulations.



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SUPPLIER'S REMARKS:

SUPPLIER'S SIGNATURE AND STAMP