

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2492500855
DATE : 15.12.2025
REQ No : 1172501354
REQ TITLE : SITC AIR-COOLED CHILLER
DELIVERY LOCATION
CLOSING DATE : 19.12.2025
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1	7000000011		SUPPLY, REPLACEMENT, TESTING & COMMISSIONING OF AIR-COOLED CHILLER AT JEBAL ALI FAMILY BUILDING-1 PART 1 # GENERAL:1.1 GENERAL DESCRIPTION: THIS SPECIFICATION COVERS THE DESIGN, SUPPLY, REPLACEMENT, TESTING, AND COMMISSIONING OF ONE AIR-COOLED CHILLER (CHILLER NO-1), INCLUDING THE REMOVAL OF THE EXISTING UNIT, COMPLETE MECHANICAL AND ELECTRICAL INTEGRATION WITH THE EXISTING CHILLED WATER SYSTEM, CIVIL FOUNDATION MODIFICATIONS, AND ALL ASSOCIATED ACCESSORIES AND CONTROLS. PARTICIPATING VENDORS SHALL CONDUCT A DETAILED SITE SURVEY TO VERIFY THE EXISTING CHILLED WATER FLOW, PIPING LAYOUT, BUILDING DIMENSIONS, ROOF/INSTALLATION AREA, AND ELECTRICAL CONNECTIVITY. VENDORS SHALL MEASURE AND RECORD THE EXISTING CHILLED WATER SYSTEM PARAMETERS (INCLUDING FLOW RATE, TEMPERATURE,	1	EA				

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			<p>PRESSURE, AND DIFFERENTI ALPRESSURE, WHERE APPLICABLE) AS PART OF THEIR ASSESSMENT AND PROPOSAL.THE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH ASHRAE, AHR I, ARI,SMACNA, BS/EN, DUBAI CIVIL DEFENCE, AND DEWA REGULATIONS. ALL MATERIALSAND EQUIPMENT SHALL BE SUITABLE FOR OPERATION IN DUBAI #S HIGH AMBIENTTEMPERATURE (UP TO 52°C DRY BULB / 32°C WET BULB).THE AIR-COOLED CHILLER WORK IS INDICATED BY DRAWINGS AND SCHEDULES, ANDBY REQUIREMENTS OF THIS SECTION. EACH UNIT IS DEFINED TO INCLUDE (BUTNOT BY WAY OF LIMITATION), SEMI HERMETIC SCREW COMPRESSORS, EVAPORATOR,AIR-COOLED CONDENSER, CONTROLS AND PANEL INCLUDING GAGES AND INDICATINGLIGHTS, AUXILIARY COMPONENTS, ACCESSORIES AND INT ERCONNECTING PIPING.REQUIRED WORK ALSO INCLUDES ADDITIONAL REQUIREMENTS AS</p>						

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			<p>COMPRESSOR AND FAN, MOTOR STARTERS, VIBRATION ISOLATORS AND SEISMIC (EARTHQUAKE) RESTRAINERS, EVAPORATOR INSULATION, ANCHOR BOLTS AND ALL REQUIRED ACCESSORIES BY THE MANUFACTURER. CHILLER SHALL BE OF HIGH OUTDOOR TEMPERATURE VERSION, LOW NOISE VERSION WITH ADEQUATE LOW NOISE HIGH STATIC CONDENSER FANS TO INSTALL CHILLER INDOOR AND TO DUCT THE CONDENSER AIR TO OUTSIDE AND 2 OR 3 INDEPENDENT REFRIGERATION CIRCUITS COMPLETE WITH AS DETAILED ON DRAWINGS. DURING THE REPLACEMENT OF THE CHILLERS, THE CHILLED WATER SYSTEM PRESSURIZATION UNIT SHALL ALSO BE REPLACED WITH A NEW ONE, MATCHING THE EXISTING FLOW RATE AND CAPACITY, TO ENSURE PROPER MAINTENANCE OF THE CHILLED WATER FLOW IN THE NETWORK.</p> <p>1.2 QUALITY ASSURANCE: 1. MANUFACTURER: A FIRM REGULARLY ENGAGED IN</p>						

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			MANUFACTURE OF AIR-COOLEDCHILLERS, OF TYPES, SIZES AND CAPACITIES REQUIRED, WHOSE PRODUCTS HAVEBEEN SUCCESSFULLY USED IN SIMILAR SERVICE FOR NOT LESS THAN FIVE YEARS.CHILLER MANUFACTURER MUST BE ISO9001 REGISTERED.2.CERTIFICATION: C ERTIFY PERFORMANCE OF CHILLER AT FULL-LOAD SCHEDULEDVALUES FOR CAPACITY, POWER LOAD, CHILLED WATER LEAVING TEMPERATURE ANDFLOW AND F OULING FACTORS. INCLUDE A REPORT OF EXPECTED PERFORMANCE ATPART-LOAD CONDITIONS, FOR 80%, 60%, 40% AND 20% OF SCHEDULED FULL-LOADCAP ACITY. SHOW DATA IN TERMS OF LOAD VERSUSDEWA-CONFIDENTIALACTUAL CAPACITY. CHILLER SHALL BE FULLY MODULATING TYPE. FOR CERTIFIEDAND E XPECTED PERFORMANCE CAPACITIES, INCLUDING TOTAL HEAT REJECTIONVALUES (INCLUDING EFFECTS OF TRANSMISSION FOR PURGE AND REFRIGERANTTRA						

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			NSFER SYSTEMS) TOTAL POWER-INPUT REQUIREMENTS, EVAPORATOR TUBEVELOCITIES.3.TYPICAL PERFORMANCE DATA: PREPARE DATA FOR (ANSI/ARI 590) SCHEDULESFULL-LOAD CAPACITY USING "STANDARD RATING CONDITIONS", PART-LOAD AT 80%,60% 40%, AND 20% OF SCHEDULED FULL-LOAD CAPACITY U SING "APPLICATIONRATING CONDITIONS".4.CERTIFY THAT SOUND PRESSURE LEVEL WILL NOT EXCEED SCHEDULED VALUES WHEN TESTED IN ACCORDANCE WITH ARI 575. INCLUDE REPORT OF EXPECTED SOUNDPRESSURE LEVEL WITH CHILLER OPERATING AT SCHEDULED CAPACITY AND INCLUDEALSO REPORT OF EX PECTED SOUND PRESSURE LEVEL FOR EACH SCHEDULE CAPACITYINCLUDING PART-LOAD CAPACITIES.5.CHILLERS SHALL CARRY ISO 9001 AND ISO 14001 C ERTIFICATIONS.6.RATINGS: RATE CHILLER IN ACCORDANCE WITH ARI 590 OR EN14511 AND SOUNDLEVELS WITH ISO 9614 AND EURO VENT						

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			<p>STANDARDS.7. SAFETY: COMPLY WITH ANSI/ASHRAE 15, SAFETY CODE FOR MECHANICAL REFRIGERATION.8.UL LABELS: PROVIDE CHILLER ELECTRICAL COMPONENTS WHICH HAVE BEEN LISTED AND LABELED BY UNDERWRITERS LABORATORIES.9.NEMA COMPLIANCE: COMPLY WITH APPLICABLE PORTIONS OF NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION STANDARDS PERTAINING TO CHILLER MOTORS AND MOTOR ENERGY MANAGEMENT.10.STANDARDS FOR DESIGN, FABRICATION AND INSTALLATION: EXCEPT AS OTHERWISE INDICATED, COMPLY WITH FOLLOWING: ASME BOILER AND PRESSURE VESSEL CODE. PROVIDE ASME STAMP ON CHILLER SHOWING COMPLIANCE WITH ASME CODE. NATIONAL ELECTRICAL CODE. ANSI B31.1 POWER PIPING CODE. ASHRAE STANDARD 90-75, AS APPLICABLE TO AIR-COOLED WATER CHILLERS. SHOW COMPLIANCE WITH, BUT NOT BY WAY OF</p>						

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			<p>LIMITATION, MINIMUM ENERGY EFFICIENCYRATIO (EER).OALTERNATIVELY, CHILLER SHALL BE CE MARKED.11.CHILLERS SHALL UNDERGO A COMPLETE RUN TEST IN THE FACTORY BEFORESHIPMENT.1.3SUBMITTALS:SUBMIT MANUFAC</p> <p>TURER'S DATA ON AIR-COOLED CHILLERS, INCLUDING CERTIFIEDDRAWINGS SHOWING OVERALL DIMENSIONS OF COMPLETE ASSEMBLY, OPERATINGWEIGHTS, FOUNDATION REQUIREMENTS, SIZES, AND LOCATIONS OF CONNECTION,ACCESSORIES, AUXILIARY SUPPORT REQUIREMENTS, AND PARTS LISTS. INCLUDETHE</p> <p>FOLLOWING INFORMATION:1. PERFORMANCE CERTIFICATIONS AND REPORTS.2. WIRING DIAGRAMS SHOWING ELECTRIC SERVICE FOR CHILLER ELECTRICALC</p> <p>OMPONENTS, SAFETY DEVICES AND INDICATOR LIGHTS.3. WRITTEN INSTRUCTIONS FOR INSTALLATION AND ASSEMBLY.4. WRITTEN LISTING OF LIMITING</p>						

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			<p>CONDITIONS FOR CHILLER OPERATION.DEWA-CONFIDENTIAL5. WRITTEN OPERATING INSTRUCTIONS INCLUDING START-UP, ROUTINE AND NORMAL OPERATIONS , REGULATIONS AND CONTROLS AND SHUTDOWN FOR EMERGENCIES.6. WRITTEN SERVICE INSTRUCTIONS INCLUDING MANUFACTURER'S RECOMMENDATION ON STOCKING OF SPARE PARTS, INCLUDING GASKETS AND O-RINGS.7. REPORT SIGNED BY CHILLER MANUFACTURER'S REPRESENTATIVE, INDICATING THAT WORK HAS BEEN PROPERLY INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.8. TOOL KIT, INCLUDING MANUFACTURER'S SPECIAL TOOLS AND NON-STANDARD WRENCHES REQUIRED FOR SERVICING CHILLER.9. PROVIDE WRITTEN WARRANTY ON AIR-COOLED CHILLER WORK, AGREEING TO REPLACE/REPAIR INADEQUATE AND DEFECTIVE MATERIALS AND WORKMANSHIP, INCLUDING LEAKAGE, BREAKAGE, IMPROPER ASSEMBLY</p>						

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			ANDFAILURE TO PERFORMS REQUI RED. INCLUDINGSEPARATE PRODUCT WARRANTIES AS INDICATED (IF ANY) FOR SPECIFIC PARTS ORPRODUCTS IN THE WORK. PROVIDE WARRANTYSIGNED BY THE CONTRACTOR.10. INCLUDE MANUFACTURER'S STANDARD PRODUCT WARRANTY, COVERING CHILLEROPERATION UNDER NORMAL CONDITIONS AND USE,WHER E INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITHMANUFACTURER'S INSTRUCTIONS. PROVIDE PRODUCTWARRANTY PERIOD TERMINATING 12 MO NTHS AFTER START-UP OF THE CHILLERINSTALLATION.11. SPECIAL WARRANTY PERIOD IS 2 YEARS AFTER DATE OF SUBSTANTIALCOMPLETION.PART 2 # P RODUCTS:SCREW TYPE CHILLERS2.1GENERAL1.THE CONTRACTOR SHALL SUPPLY AND INSTALL FACTORY-ASSEMBLED, AIR-COOLED,PACKAGED COOLING-ONLY C HILLERS, WITH CAPACITIES MATCHING THOSE OF THEEXISTING CHILLERS.2.EACH MACHINE SHALL						

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			<p>CONSIST OF AT LEAST TWO ACCESSIBLE HERMETIC FULLY MODULATING SCREW COMPRESSORS, AIR-COOLED CONDENSER, EVAPORATOR, INTERCONNECTING REFRIGERANT PIPING, CONTROLS, SAFETY DEVICES, ACCESSORIES, AND CONTROL POWER TRANSFORMER AS APPLICABLE TO LIMIT CONTROL VOLTAGE TO 240 VOLTS MAXIMUM. NO PHASE TO NEUTRAL VOLTAGE SHALL BE REQUIRED. EACH COMPRESSOR SHALL HAVE ITS INDEPENDENT CIRCUIT, EVAPORATOR, CONDENSER, MICROPROCESSOR-BASED CONTROLS AND A UNIT MOUNTED MOTOR STARTER. 3. THE MACHINE SHALL BE COMPLETELY CHARGED AT THE FACTORY WITH REFRIGERANT R134A OR R410A. ALL FACTORY WIRING AND PIPING SHALL BE CONTAINED WITHIN THE MACHINE ENCLOSURE. ALL ELECTRICAL COMPONENTS SHALL BE PROTECTED FROM THE WEATHER. 4. THE REFRIGERANT CIRCUIT COMPONENTS SHALL INCLUDE HOT GAS</p>						

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			MUFFLER, HIGHSIDE PRESSURE RELIEF VALVE, LIQUID LINE SHUT OFF VALVE FILTER DRIER, LIQUID LINE SIGHT GLASS, LIQUID LINE SOLENOID VALVE AND THERMALEXPANSION VALVE. DEWA-CONFIDENTIAL 5. EACH MACHINE SHALL BE ENCLOSED IN A SOUND ATTENUATING, GALVANIZED STEEL CASING, ZINC PHOSPHATIZED, WITH CORROSION RESISTANT FINISH, AND SHALL BE MOUNTED ON SPRING TYPE VIBRATION						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

SITC AIR-COOLED CHILLER AT JEBAL ALI FAMILY BUILDING-1

contact : Mohideen / 553810513

Site Visit Date <(>&<)> Time : 17/12/2025 9:00

Payment Terms : 30% upon delivery of materials, 65% upon project handover

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Retention Condition : 5%

STANDARD TERMS & CONDITIONS

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