

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2412600402
DATE : 03.03.2026
REQ No : 1172501395
REQ TITLE : SITC AIR-COOLED CHILLER
DELIVERY LOCATION : 0052 - CS(W&C) - WARSAN
CLOSING DATE : 16.03.2026
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1	7000000011		DEWA-CONFIDENTIALSUPPLY, REPLACEMENT, TESTING & COMMISSIONING OF AIR-COOLED CHILLER AT ALHUDAIBAH CHC. PART 1 # GENERAL:1.1GENERAL D DESCRIPTION:THIS SPECIFICATION COVERS THE DESIGN, SUPPLY, REPLACEMENT, TESTING, ANDCOMMISSIONING OF ONE AIR-COOLED CHILLER (CHILLER N O-1), INCLUDING THEREMOVAL OF THE EXISTING UNIT, COMPLETE MECHANICAL AND ELECTRICALINTEGRATION WITH THE EXISTING CHILLED WATER SYSTE M, CIVIL FOUNDATIONMODIFICATIONS, AND ALL ASSOCIATED ACCESSORIES AND CONTROLS.PARTICIPATING VENDORS SHALL CONDUCT A DETAILED SITE SURVEY TO VERIFY THEEXISTING CHILLED WATER FLOW, PIPING LAYOUT, BUILDING DIMENSIONS,ROOF/INSTALLATION AREA, AND ELECTRICAL CONNECTIVITY.VENDORS SHALL MEASURE AND RECORD THE EXISTING CHILLED WATER SYSTEMPARAMETERS (INCLUDING FLOW RATE, TEMPERATURE,	1	EA				

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			<p>PRESSURE, AND DIFFERENTIAL PRESSURE, WHERE APPLICABLE) AS PART OF THEIR ASSESSMENT AND PROPOSAL. THE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH ASHRAE, AHRI, ARI, SMACNA, BS/EN, DUBAI CIVIL DEFENCE, AND DEWA REGULATIONS. ALL MATERIALS AND EQUIPMENT SHALL BE SUITABLE FOR OPERATION IN DUBAI'S HIGH AMBIENT TEMPERATURE (UP TO 52°C DRY BULB / 32°C WET BULB). THE AIR-COOLED CHILLER WORK IS INDICATED BY DRAWINGS AND SCHEMULES, AND BY REQUIREMENTS OF THIS SECTION. EACH UNIT IS DEFINED TO INCLUDE (BUT NOT BY WAY OF LIMITATION), SEMI HERMETIC SCREW COMPRESSORS, EVAPORATOR, AIR-COOLED CONDENSER, CONTROLS AND PANEL INCLUDING GAGES AND INDICATING LIGHTS, AUXILIARY COMPONENTS, ACCESSORIES AND INTERCONNECTING 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. 1.2 QUALITY ASSURANCE: 1. MANUFACTURER: A FIRM REGULARLY ENGAGED IN</p>						

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			<p>MANUFACTURE OF AIR-COOLEDCHILLERS, OF TYPES, SIZES AND CAPACITIES REQUIRED, WHOSE PRODUCTS HAV EBEEEN SUCCESSFULLY USED IN SIMILAR SERVICE FOR NOT LESS THAN FIVE YEARS.CHILLER MANUFACTURER MUST BE ISO9001 REGISTERED.2.CERTIFICAT ION: CERTIFY PERFORMANCE OF CHILLER AT FULL-LOAD SCHEDULEDVALUES FOR CAPACITY, POWER LOAD, CHILLED WATER LEAVING TEMPERATURE ANDFLOW AND FOULING FACTORS. INCLUDE A REPORT OF EXPECTED PERFORMANCE ATPART-LOAD CONDITIONS, FOR 80%, 60%, 40% AND 20% OF SCHEDULED FULL-L OADCAPACITY. SHOW DATA IN TERMS OF LOAD VERSUSDEWA-CONFIDENTIALACTUAL CAPACITY. CHILLER SHALL BE FULLY MODULATING TYPE. FOR CERTIFIE DAND EXPECTED PERFORMANCE CAPACITIES, INCLUDING TOTAL HEAT REJECTIONVALUES (INCLUDING EFFECTS OF TRANSMISSION FOR PURGE AND REFRIGER</p>						

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			<p>ANTTRANSFER SYSTEMS) TOTAL POWER-INPUT REQUIREMENTS, EVAPORATOR TUBEVELOCITIES.3.TYPICAL PERFORMANCE DATA: PREPARE DATA FOR (ANSI/AR I 590) SCHEDULESFULL-LOAD CAPACITY USING "STANDARD RATING CONDITIONS", PART-LOAD AT 80%,60% 40%, AND 20% OF SCHEDULED FULL-LOAD CAPA CITY USING "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 INCLUDE ALSO REPORT OF EXPECTED SOUND PRESSURE LEVEL FOR EACH SCHEDULE CAPACITYINCLUDING PART-LOAD CAPACITIES.5.CHILLERS SHALL CARRY ISO 9001 AND ISO 14001 CERTIFICATIONS.6.RATINGS: RATE CHILLER IN ACCORDANCE WITH ARI 590 OR EN14511 AND SOUNDLEVELS WITH ISO 9614 AND EURO VENT</p>						

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			<p>STANDA RDS.7.SAFETY: COMPLY WITH ANSI/ASHRAE 15, SAFETY CODE FOR MECHANICALREFRIGERATION.8.UL LABELS: PROVIDE CHILLER ELECTRICAL COMPONENTS WHICH HAVE BEEN LISTEDAND LABELED BY UNDERWRITERS LABORATORIES.9.NEMA COMPLIANCE: COMPLY WITH APPLICABLE PORTIONS OF NATIONAL ELECT RICALMANUFACTURERS ASSOCIATION STANDARDS PERTAINING TO CHILLER MOTORS ANDMOTOR ENERGY MANAGEMENT.10.STANDARDS FOR DESIGN, FABRICATIO N AND INSTALLATION: EXCEPT AS OTHERWISEINDICATED, COMPLY WITH FOLLOWING:OASME BOILER AND PRESSURE VESSEL CODE.OPROVIDE ASME STAMP ON CHILLER SHOWING COMPLIANCE WITH ASME CODE.ONATIONAL ELECTRICAL CODE.OANSI B31.1 POWER PIPING CODE.OASHRAE STANDARD 90-75, AS APPLIC ABLE TO AIR-COOLED WATER CHILLERS.</p>						

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			<p>SHOW COMPLIANCE WITH, BUT NOT BY WAY OF LIMITATION, MINIMUM ENERGY EFFICIENCY RATIO (EER). ALTERNATIVELY, CHILLER SHALL BE CE MARKED. 11. CHILLERS SHALL UNDERGO A COMPLETE RUN TEST IN THE FACTORY BEFORE SHIPMENT. 1.3 SUBMITTALS: SUBMIT MANUFACTURER'S DATA ON AIR-COOLED CHILLERS, INCLUDING CERTIFIED DRAWINGS SHOWING OVERALL DIMENSIONS OF COMPLETE ASSEMBLY, OPERATING WEIGHTS, FOUNDATION REQUIREMENTS, SIZES, AND LOCATIONS OF CONNECTION, ACCESSORIES, AUXILIARY SUPPORT REQUIREMENTS, AND PARTS LISTS. INCLUDE THE FOLLOWING INFORMATION: 1. PERFORMANCE CERTIFICATIONS AND REPORTS. 2. WIRING DIAGRAMS SHOWING ELECTRIC SERVICE FOR CHILLER ELECTRICAL COMPONENTS, SAFETY DEVICES AND INDICATOR LIGHTS. 3. WRITTEN INSTRUCTIONS FOR INSTALLATION AND ASSEMBLY. 4. WRITTEN LISTING OF LIM</p>						

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			<p>ITING CONDITIONS FOR CHILLER OPERATION.DEWA-CONFIDENTIAL5. WRITTEN OPERATING INSTRUCTIONS INCLUDING START-UP, ROUTINE AND NORMALOPERATIONS, REGULATIONS AND CONTROLS ANDSHUTDOWN FOR EMERGENCIES.6. WRITTEN SERVICE INSTRUCTIONS INCLUDING MANUFACTURER'S RECOMMENDATION ON STOCKING OF SPARE PARTS, INCLUDINGGASKETS AND O-RINGS.7. REPORT SIGNED BY CHILLER MANUFACTURER'S REPRESENTATIVE, INDICATINGTHAT WORK HAS BEEN PROPERLY INSTALLED INACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.8. TOOL KIT, INCLUDING MANUFACTURER'S SPECIAL TOOLS AND NON-STANDARDWRENCHES REQUIRED FOR SERVICING CHILLER.9. PROVIDE WRITTEN WARRANTY ON AIR-COOLED CHILLER WORK, AGREEING TO REPLACE/REPAIR INADEQUATE AND DEFECTIVE MATERIALSAND WORKMANSHIP, INCLUDING LEAKAGE, BREAKAGE, IMPROPER ASSEMBLY</p>						

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			<p>AND FAILURE TO PERFORMS REQUIRED. INCLUDING SEPARATE PRODUCT WARRANTIES AS INDICATED (IF ANY) FOR SPECIFIC PARTS OR PRODUCTS IN THE WORK. PROVIDE WARRANTY SIGNIFIED BY THE CONTRACTOR. 10. INCLUDE MANUFACTURER'S STANDARD PRODUCT WARRANTY, COVERING CHILLER OPERATION UNDER NORMAL CONDITIONS AND USE, WHERE INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. PROVIDE PRODUCT WARRANTY PERIOD TERMINATING 12 MONTHS AFTER START-UP OF THE CHILLER INSTALLATION. 11. SPECIAL WARRANTY PERIOD IS 2 YEARS AFTER DATE OF SUBSTANTIAL COMPLETION. PART 2 # PRODUCTS: SCREW TYPE CHILLERS 2.1 GENERAL 1. THE CONTRACTOR SHALL SUPPLY AND INSTALL FACTORY-ASSEMBLED, AIR-COOLED, PACKAGED COOLING-ONLY CHILLERS, WITH CAPACITIES MATCHING THOSE OF THE EXISTING CHILLERS. 2. EACH</p>						

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			<p>MACHINE SHALL CONSIST OF AT LEAST TWO ACCESSIBLE HERMETIC FULLYMODULATING SCREW COMPRESSORS AIR-COOLED CONDENSER, EVAPORATOR,INTERCONNECTING REFRIGERANT PIPING, CONTROLS, SAFETY DEVICES,ACCESSORIES, AND CONTROL POWER TRANSFORMER AS APPLICABLE TO LIMITCONTROL VOLTAGE TO 240 VOLTS MAXIMUM. NO PHASE TO NEUTRAL VOLTAGE SHALL ALLBE REQUIRED. EACH COMPRESSOR SHALL HAVE ITS INDEPENDENT CIRCUIT,EVAPORATOR, CONDENSER, MICROPROCESSOR-BASED CONTROLS AND A UNIT MOUNTEDMOTOR STARTER.3.THE MACHINE SHALL BE COMPLETELY CHARGED AT THE FACTORY WITH REFRIGERANT R 134A 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</p>						

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			GAS MUFFLER, HIGHSIDE PRESSURE RELIEF VALVE, LIQUID LINE SHUT OFF VALVE FILTER DRIER, LIQUID LINE SIGHT GLASS, LIQUID LINE SOLENOID VALVE AND THERMALEXPANSION VALVE. DEWA-CONFIDENTIAL5. EACH MACHINE SHALL BE ENCLOSED IN A SOUND ATTENUATING, GALVANIZED STEELCASING, ZINC PHOSPHATIZED, WITH CORROSION RESISTANT FINISH, AND SHALL BEMOUNTED ON SPRING TYPE VI						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

SITC AIR-COOLED CHILLER AT AL HUDAIBAH CHC.

Contact: Mr.Mohideen - 055-3810513

Payment Terms: 5% retention

Site Visit Date: 17.12.2025

STANDARD TERMS & CONDITIONS

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

MATERIAL AND OR SERVICE PROVIDED TO DEWA SHOULD PREFERABLY BE ENERGY EFFICIENT AND ENVIRONMENT FRIENDLY.

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- 2) Quotation to be submitted only in local currency U.A.E Dirhams
- 3) DEWA Standard Payment will be made within 30 days from the date the Supplier/Contractor submits a complete and accurate invoice, together with all required supporting documents, subject to the material and/or services having been duly accepted.
- 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 confirming 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.

SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP