

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2332600278
DATE : 29.01.2026
REQ No : 1032600377
REQ TITLE : 1032600377 Design Supply
DELIVERY LOCATION
CLOSING DATE : 04.02.2026
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	<p>DEWA-CONFIDENTIAL</p> <p>DESIGN, SUPPLY, REPLACEMENT, TESTING & COMMISSIONING OF HOT WATER STORAGE TANKS (CALORIFIER UNITS)</p> <p>QUANTITY: 2 NOS.</p> <p>LOCATION: DEWA ACADEMY BUILDING1.</p> <p>GENERAL</p> <p>THIS SCOPE OF WORK DEFINES THE REQUIREMENTS FOR THE DESIGN, MANUFACTURE, SUPPLY, DISMANTLING, REPLACEMENT, INSTALLATION, TESTING, COMMISSIONING, AND HANDOVER OF HOT WATER STORAGE TANKS (CALORIFIER UNITS), INCLUDING ALL ASSOCIATED MECHANICAL, ELECTRICAL, INSULATION, SOLAR INTERFACE, AND CONTROL WORKS. ALL WORKS SHALL BE EXECUTED TO RESTORE THE HOT WATER SYSTEM TO SAFE, EFFICIENT, RELIABLE, AND MAINTAINABLE OPERATION, IN FULL COMPLIANCE WITH DEWA STANDARDS, ASME CODES, APPLICABLE INTERNATIONAL STANDARDS, AND MANUFACTURER RECOMMENDATIONS.</p> <p>2. INTRODUCTION</p> <p>THE EXISTING HOT WATER STORAGE CALORIFIER</p>	2	NO				

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			UNITS INSTALLED IN THE PLANT HAVE BECOME DAMAGED AND NON-OPERATIONAL, REQUIRING COMPLETE REPLACEMENT. THE SCOPE INCLUDES REMOVAL OF EXISTING UNITS, SUPPLY AND INSTALLATION OF NEW SS316L CALORIFIERS, INTEGRATION WITH THE EXISTING SOLAR HOT WATER SYSTEM AND ELECTRICAL BACKUP, AND COMPLETE TESTING AND COMMISSIONING TO ENSURE LONG-TERM OPERATIONAL RELIABILITY AND MAINTAINABILITY.3. SCOPE OF WORK3.1 SITE MOBILIZATION AND PREPARATION# MOBILIZE QUALIFIED MANPOWER, SUPERVISION, TOOLS, LIFTING EQUIPMENT, AND CONSUMABLES.# COORDINATE WORKS WITH DEWA/FM REPRESENTATIVES PRIOR TO COMMENCEMENT.# ISOLATE ELECTRICAL AND WATER SUPPLIES TO THE EXISTING SYSTEM.# DRAIN EXISTING CALORIFIER TANKS COMPLETELY.# REMOVE EXISTING INSULATION AND CLADDING TO ENABLE DISMANTLING						

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			<p>AND INSPECTION.3.2 DISMANTLING, REMOVAL, AND SCRAP DISPOSAL DEWA-CO</p> <p>CONFIDENTIAL# DISMANTLE EXISTING CALORIFIER UNITS, INCLUDING MECHANICAL, ELECTRICAL, AND CONTROL DISCONNECTIONS.# REMOVE DAMAGED UNITS</p> <p>FROM THE PLANT ROOM USING APPROVED LIFTING METHODS.# ALL DISMANTLED MATERIALS, INCLUDING CALORIFIER UNITS, INSULATION, PIPING, VALVES, ELECTRICAL ACCESSORIES, AND SCRAP, SHALL BE SHIFTED TO THE DESIGNATED DEWA SCRAP YARD.# CONTRACTOR SHALL ARRANGE TRANSPORTATION, LOADING, UNLOADING, AND COORDINATION WITH THE DEWA SCRAP YARD AT NO ADDITIONAL COST.# SCRAP DISPOSAL SHALL STRICTLY FOLLOW DEWA PROCEDURES, AND</p> <p>REQUIRED CLEARANCE/ACKNOWLEDGMENT SHALL BE OBTAINED.3.3 DESIGN, SUPPLY, AND DELIVERY OF NEW CALORIFIER UNITS# DESIGN AND MANUFACTURE HOT WATER STORAGE CALORIFIER</p>						

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			UNITS INCOMPLIANCE WITH ASME SECTION VIII (PRESSURE VESSELS) AND RECOGNIZED SOLAR HOT WATER SYSTEM BEST PRACTICES. # SUPPLY AND DELIVER 2 NOS. NEW CALORIFIER UNITS, FULLY FACTORY-TESTED AND PROTECTED AGAINST DAMAGE. # ALL EQUIPMENT SHALL BE NEW, UNUSED, DEFECT-FREE, AND SUITABLE FOR CONTINUOUS HOT WATER SERVICE. SOLAR THERMAL CONDUCTOR (INTERNAL COIL) DESIGN REQUIREMENT: # THE SOLAR THERMAL CONDUCTOR (COIL) INSIDE EACH CALORIFIER TANK SHALL BE FABRICATED FROM SS316L OR APPROVED MATERIAL AND DESIGNED FOR EASY ACCESS, INSPECTION, REPAIR, AND FUTURE REPLACEMENT. # THE DESIGN SHALL INCLUDE A MINIMUM DN150 MANHOLE AND INTERNAL LARVAE ENGAGEMENT ALLOWING COIL MAINTENANCE WITHOUT CUTTING, WELDING, OR STRUCTURAL MODIFICATION OF THE PRESSURE VESSEL, WHEREVER TECHNICALLY FE						

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			<p>ASIBLE.# COIL DESIGN SHALL CONSIDER THERMAL EXPANSION, CORROSION ALLOWANCE, ISOLATION CAPABILITY, FLOW DISTRIBUTION, AND LIFECYCLE MAINTENANCE, IN ACCORDANCE WITH ASME-BASED ENGINEERING PRACTICES.# DESIGNS RESTRICTING REASONABLE ACCESS FOR COIL REPAIR OR REPLACEMENT SHALL NOT BE ACCEPTED.3.4 INSTALLATION AND MECHANICAL WORKS# INSTALL NEW CALORIFIER UNITS ON EXISTING FOUNDATIONS/SUPPORTS, ENSURING PROPER ALIGNMENT AND STABILITY.# CARRY OUT ALL NECESSARY PIPING MODIFICATIONS, INCLUDING HOT WATER INLET/OUTLET, SOLAR COIL CONNECTIONS, DRAIN, VENT, AND SAFETY VALVE CONNECTIONS.# ENSURE ALL PIPEWORK IS ADEQUATELY SUPPORTED, PRESSURE-RATED, LEAK-PROOF, AND COMPLIANT WITH OPERATING CONDITIONS. DEWA-CONFIDENTIAL3.5 ELECTRICAL AND CONTROL WORKS# EACH CALORIFIER UNIT</p>						

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			<p>SHALL BE PROVIDED WITH AN INTEGRA L ELECTRICBACKUP HEATER, RATED 12 KW, SUITABLE FOR CONTINUOUS HOT WATER OPERATION.# THE BACKUP HEATER SHALL OPERATE IN AUTOMATIC MODE, ENERGIZED ONLY WHEN SOLAR THERMAL OUTPUT IS INSUFFICIENT TO MAINTAIN THE REQUIRED HOT WATER TEMPERATURE.# MANUAL OVERRIDE AND ISOLATION SHALL BE PROVIDED FOR MAINTENANCE PURPOSES.# THE BACKUP HEATER SHALL BE FULLY INTEGRATED WITH THE EXISTING CONTROL PANEL AND TEMPERATURE CONTROL SYSTEM.3.6 FLUSHING, TESTING, AND INSULATION# FLUSH THE COMPLETE SYSTEM TO REMOVE DEBRIS AND CONTAMINANTS.# CONDUCT HYDROSTATIC PRESSURE TESTING AT 10 BAR TO VERIFY SYSTEM INTEGRITY.# RECTIFY ANY LEAKS OR DEFICIENCIES DETECTED DURING TESTING.# APPLY THERMAL INSULATION USING 25 MM FOAM INSULATION WITH ALUMINUM SHEET CLADDING,</p>						

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			PROPERLY SEALED AND FINISHED.3.7 TESTING AND COMMISSIONING# PERFORM FULL TESTING & COMMISSIONING, INCLUDING: O ELECTRICAL HEATER OPERATION TEMPERATURE AND PRESSURE CONTROL O SOLAR COIL PERFORMANCE O SAFETY VALVE OPERATION LEAK-PROOF VERIFICATION# RECORD AND DOCUMENT ALL OPERATING PARAMETERS DURING COMMISSIONING.# VERIFY CORRECT OPERATION OF THE ELECTRIC BACKUP HEATER, INCLUDING AUTOMATIC CHANGEOVER BETWEEN SOLAR MODE AND ELECTRICAL BACKUP MODE BASED ON TEMPERATURE SETPOINTS3.8 DOCUMENTATION, HANDOVER, AND DEMOBILIZATION# SUBMIT: O PRESSURE AND ELECTRICAL TEST REPORTS O COMMISSIONING AND PERFORMANCE REPORTS DEWA-CONFIDENTIAL O WARRANTY CERTIFICATES# HAND OVER THE SYSTEM IN FULLY OPERATIONAL CONDITION.# DEMOBILIZE MANPOWER, TOOLS, AND TEMPORARY						

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			FACILITIES.4. TECHNICAL SPECIFICATIONS ITEM #SPECIFICATION #UNIT TYPE #HOT WATER STORAGE CALORIFIER # V TYPE #CAPACITY #1000 LITERS #DESIGN / CODE #ASME SECTION VIII OR APPROVED EQUIVALENT #TEST PRESSURE #10 BAR #SHELL MATERIAL #STA INLESS STEEL SS316L #DISH END #STAINLESS STEEL SS316L #ELECTRIC HEATER #12 KW, IMMERSION TYPE, THERMOSTAT-CONTROLLED, WITHHIGH-TEMPERATURE CUT-OUT AND INTEGRATED WITH SOLAR PRIORITY CONTROLLOGIC #SOLAR THERMAL COIL #SS316L OR APPROVED MATERIAL, ASME-COMPLIANT,MAIN TENANCE-ACCESSIBLE #NOZZLES & FLANGES #SS316L #MANHOLE #DN 150 MINIMUM #INSULATION #25 MM FOAM TYPE #CLADDING #ALUMINUM SHEET #TEMPERATURE / PRESSURE GAUGE #WINTERS / WIKA (UK), 100 MM #CONTROL PANEL #MODIFICATION IN EXISTING PANEL #5. CONTRACTOR#S OBLIGATIONS# PR						

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			OVIDE ALL MANPOWER, SUPERVISION, TOOLS, LIFTING EQUIPMENT, AND CONSUMABLES.# SUBMIT METHOD STATEMENT, RISK ASSESSMENT (RAMS), MATERIAL SUBMITTALS, ASME DESIGN CALCULATIONS, AND SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION.# SHOP DRAWINGS SHALL CLEARLY SHOW INTERNAL COIL LAYOUT, MANHOLE ACCESS, COIL REMOVAL METHOD, AND CORROSION ALLOWANCE.# INSPECT THE ENTIRE HOT WATER SYSTEM, INCLUDING MECHANICAL, ELECTRICAL, SOLAR, AND CONTROL INTERFACES.# IF ANY ADDITIONAL WORKS ARE IDENTIFIED THAT ARE NECESSARY FOR SAFE AND RELIABLE OPERATION BUT NOT INCLUDED IN THIS SPECIFICATION, THE CONTRACTOR SHALL: NOTIFY DEWA/FM IN WRITING TO SUBMIT A TECHNICAL ASSESSMENT AND DETAILED SCOPE DEWA-CONFIDENTIAL. O PROVIDE A SEPARATE COST PROPOSAL FOR APPROVAL.# NO						

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			ADDITIONAL WORKS SHALL BE EXECUTED WITHOUT PRIOR WRITTEN APPROVAL FROM DEWA.# FAILURE TO IDENTIFY EVIDENT DEFICIENCIES SHALL NOT RELIEVE THE CONTRACTOR OF WARRANTY. 6. NOTES# CONTRACTOR IS DEEMED TO HAVE VISITED THE SITE AND UNDERSTOOD EXISTING CONDITIONS.# ANY MINOR OR MAJOR WORKS REQUIRED FOR PROPER INTEGRATION, SAFETY, AND COMMISSIONING SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. 7. WARRANTY# MINIMUM FIVE YEARS WARRANTY ON WORKMANSHIP AND SUPPLIED EQUIPMENT.# CONTRACTOR SHALL ATTEND TO REPORTED DEFECTS WITHIN 48 HOURS DURING THE WARRANTY PERIOD. 9. GENERAL CONDITIONS# THE CONTRACTOR AT DEWA WORK PREMISES SHALL FOLLOW DEWA SAFETY & ENVIRONMENT POLICY, RULES AND REGULATIONS DURING THE CONTRACT PERIOD.# THE CONTRACTOR SHALL CARRY OUT A RISK ASSESSMENT FOR ALL						

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			HIS WORKS.THIS RISK ASSESSMENT SHALL BE FROM SAFETY AS WELL AS OCCUPATIONAL HEALTH CONSIDERATIONS. (DEWA FORMAT TO BE USED).# TOOLBOX TALKS SHOULD BE GIVEN TO THE WORKERS BY THEIR SUPERVISOR, A COPY OF WHICH SHALL BE GIVEN TO DEWA.# NO WELDING, FLAME HEATING OR CUTTING, GRINDING,						
2		ITEM-00001	TESTING & COMMISSIONING OF CALORIFIER UNITS INCLUDING SOLAR COIL AND ELECTRICAL BACKUP AS PER LOGIC	1	LS				

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

Design, Supply, Replacement, Testing & Commissioning of Hot Water Storage Tanks (Calorifier Units) Contact: Mr. M. Arif Mushtaq / 055-2239059 Payment Terms: 100% on satisfactory completion. Site Visit Date: 02.02.2026

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.

SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP