

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2332500695
DATE : 12.03.2025
REQ No : 1032501153
REQ TITLE : Supply, Installation, Testing
DELIVERY LOCATION
CLOSING DATE : 21.03.2025
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>SUPPLY, INSTALLATION, TESTING, AND COMMISSIONING OF WATER TANK AND RELATED PUMP SET AT DEWA TCC BUILDING GENERAL: THIS SCOPE OF WORK OUTLINES THE REQUIREMENTS FOR PROVIDING ALL ENGINEERING, MATERIALS, AND LABOR NECESSARY TO DESIGN, CONSTRUCT, SUPPLY, INSTALL, AND COMMISSION A DOMESTIC DRINKING WATER STORAGE TANK WITH FOUNDATION, AND A PUMP SYSTEM WITH NECESSARY PLUMBING FITTINGS. THE CONTRACTOR SHALL VISIT THE SITE TO THOROUGHLY ASSESS LOCAL CONDITIONS, NATURE, AND REQUIREMENTS OF THE WORK, INCLUDING PRESENT CONDITIONS AND NEW INSTALLATIONS, TO ACCURATELY DETERMINE LABOR AND MATERIAL NEEDS BEFORE SUBMITTING PRICING. ALL MATERIALS SHALL CONFORM TO THE LATEST STANDARDS AND SHALL BE SUBMITTED TO DEWA FOR ENGINEER APPROVAL. THE PROPOSAL SHALL ALIGN WITH DEWA'S ENERGY MANAGEMENT</p>	1	JOB				

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			<p>POLICY AND ENMS MA NUAL. SCOPE OF WORK: DESIGN ANDENGINEERING: DESIGN A WATER STORAGE TANK WITH A CAPACITY OF 10,000GALLONS, TAILORED TO SPECIFIC SITE REQUIREMENTS. THE TANK SHALL BECONSTRUCTED FROM GLASS REINFORCED PLASTIC MODULAR PANEL OR AN EQUIVALENTMATERIAL, ENSURING DURABILITY AND COMPLIANCE WITH DEWA REGULATIONS.DEVELOP DETAILED DESIGN DRAWINGS FOR THE TANK, FOUNDATION, ANDASSOCIATED SYSTEMS, TO BE SUBMIT TED FOR DEWA ENGINEER APPROVAL. PROPOSALSUBMITTALS (PRIOR TO IMPLEMENTATION): 1. SUBMIT FINAL WATER STORAGE TANKDESIGN DRAWINGS 2. P UMP DETAILS INCLUDING CONTROL PANEL 3. SINGLE-LINEPIPING LAYOUTS WITH PIPE SIZES 4. SINGLE-LINE ELECTRICAL SCHEMATIC WITHWIRE SIZES AND EXPECTED LOADS, 5. FINAL GENERAL LAYOUT 6. FINAL WORKPLAN 7. PRODUCT TECHNICAL</p>						

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			<p>SPECIFICATIONS OR EQUIPMENT BROCHURES. 8.PRODUCT SPECIFICATIONS. 9. SYSTEM OPERATION DIAGRAM. 10. INSTALLATIONOPERATIONAL MANUAL. 11. THE SUBMITTAL PACKAGE SHALL BE COMPLETE IN ALLASPECTS AND SHALL INCLUDE EQUIPMENT DETAILS AND A COMPLETE MATERIALSLIST. DEWA-CONFIDENTIAL SITE PREPARATION AND FOUNDATION CONSTRUCTION:CONSTRUCT A REINFORCED CONCRETE FOUNDATION CAPABLE OF SUPPORTING THEOPERATING WEIGHT OF THE WATER STORAGE TANK. THE FOUNDATION DESIGN SHALLADHERE TO RELEVANT STRUCTURAL STANDARDS AND BE APPROVED BY DEWAENGINEERS. ARRANGE ALL NOC IF NECESSARY TO PERFORM ALL NECESSARY CIVILEXCAVATION WORK, ENSURING MINIMAL DISRUPTION TO THE EXISTING SITE ANDADHERENCE TO SAFETY PROTOCOLS. TANK INSTALLATION: I NSTALL THE GRPDRINKING WATER STORAGE TANK</p>						

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			<p>ON THE PREPARED FOUNDATION, ENSURING PROPERALIGNMENT AND STABILITY. DISINFECT THE WATER STORAGE TANK BEFORECOMMISSIONING, FOLLOWING INDUSTRY BEST PRACTICES AND DEWA GUIDELINES TOENSURE WATER QUALITY AND SAFETY. PLUMBING AND FITTINGS: PROVIDE ANDINSTALL FLOAT SWITCHES AND FLOW VALVES TO CONTROL WATER LEVELS, ENSURINGEFFICIENT OPERATION OF THE TANK SYSTEM. INSTALL UNIONS OR FLANGECONNECTIONS BETWEEN LINES AND THE TANK TO FACILITATE EASY REMOVAL ANDMAINTENANCE. CONNECT MECHANICAL AND ELECTRICAL SERVICES TO THE WATERSTORAGE TANK, INCLUDING UTILITY WATER SUPPLY CONNECTIONS. SUPPLY ANDINSTALL NEW WATER PIPING CONSTRUCTED FROM POLYPROPYLENE RANDOMCOPOLYMER, ENSURING DURABILITY AND COMPLIANCE WITH DEWA STANDARDS.ENSURE ALL HANGERS AND PIPE SUPPORTS</p>						

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			<p>ARE GALVANIZED OR EPOXY-COATED TO PREVENT CORROSION AND EXTEND SERVICE LIFE. PUMP SYSTEM INSTALLATION: DESIGN AND INSTALL A DOMESTIC WATER PUMP SYSTEM FEATURING A CONSTANT PRESSURE BOOSTER WITH A CONTROL PANEL. THE SYSTEM SHALL INCLUDE ALL PACKAGED PUMP COMPONENTS, FIELD PIPING, AND WIRING CONNECTIONS. PREPARE A CONCRETE PAD TO SECURELY ANCHOR THE PUMP SYSTEM, ENSURING STABILITY AND COMPLIANCE WITH STRUCTURAL STANDARDS. INSTALL A SHADE STRUCTURE TO SHIELD THE PUMP SYSTEM FROM DIRECT SUNLIGHT. PROVIDE ISOLATION VALVES AND FLEXIBLE JOINT CONNECTIONS AT COMMON SUCTION AND DISCHARGE PIPING TO FACILITATE MAINTENANCE, ACCOMMODATE MINOR MISALIGNMENTS, AND DAMPEN EXCESSIVE VIBRATIONS. DEWA-CONFIDENTIAL SUPPLY A CONTROL PANEL WITH AN IP66 RATING, EQUIPPED WITH COMPONENTS (MCBS, RELAYS,</p>						

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			<p>CONTACTORS) FR OMREPUTABLE MANUFACTURERS SUCH AS ABB, SCHNEIDER, GE, OR SIEMENS. THEPANEL SHALL INCLUDE AUTO/MANUAL SELECTOR SWITCHES AND BE PROTEC TED WITHA SUNSHADE. ENSURE THE SYSTEM OPERATES SATISFACTORILY IN ENVIRONMENTSWITH TEMPERATURES UP TO 50 DEGREES CELSIUS AND 80% HUMI DITY. USEMATERIALS IN CONTACT WITH WATER THAT ARE NON-TOXIC, NON-CONTAMINATING,BIOLOGICALLY INERT, AND RESISTANT TO INTERNAL AND EXT ERNAL CORROSION ORPROTECTED BY SUITABLE SURFACE TREATMENTS. PUMP DESIGN AND CONSTRUCTION:PROVIDE A DUTY AND STANDBY BOOSTER PUMP SET FOR MAXIMUM RELIABILITY ANDEFFICIENCY. THE PUMPS SHALL BE 5.8 KW GRUNDFOS VERTICAL IN-LINEMULTI-STAGE CENTRIFUGAL PUMPS, DESIGNED W ITH MOTORS MOUNTED DIRECTLY ONTOP FOR EASY INSTALLATION WITH THE CONTROL PANEL.</p>						

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			<p>ENSURE THE MOTOR AND PUMP ARE FROM THE SAME MANUFACTURER TO GUARANTEE OPTIMAL PERFORMANCE. THE PUMPS SHALL HAVE AN ENCLOSURE CLASS OF IP55, CLASS F INSULATION, AND A MAXIMUM SPEED OF 2900 RPM. DESIGN THE BOOSTER SYSTEM TO ALLOW REMOVAL OF THE IMPELLER SHAFT AND BEARING WITHOUT DISTURBING SUCTION AND DISCHARGE CONNECTION</p> <p>S. ALL WETTED PARTS SHALL BE STAINLESS STEEL. ELECTRICAL WORKS: ARRANGE POWER CONNECTIONS FROM THE NEAREST SUB MAIN DISTRIBUTION BOARD INCLUDING CABLE LAYING AND ALL ASSOCIATED CIVIL WORK. PROVIDE AND INSTALL THE REQUIRED PANEL BOARD BREAKERS TO MATCH THE EXISTING PANEL</p> <p>EL MANUFACTURER AND MODEL TYPE, ENSURING SEAMLESS INTEGRATION. DEWA WATER SUPPLY CONNECTION: MANAGE ALL ASSOCIATED WORK AND COORDINATION WITH DEWA FOR WATER SUPPLY CONNECTION</p>						

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			<p>APPROVALS. THIS INCLUDES HANDLING APPLICATIONS, ONLINE FORMS, AND ENSURING THE CONTRACTOR IS REGISTERED AND APPROVED BY DEWA. SYSTEM OPERATIONS: CONFIGURE THE SYSTEM TO ACTIVATE THE DUTY PUMP WHEN SYSTEM PRESSURE DROPS TO A PRE DETERMINED VALUE. THE PUMP SHALL REGULATE SPEED ACCORDING TO DEMAND AND DEACTIVATE WHEN NO FLOW IS DETECTED. ACTIVATE THE STANDBY PUMP UPON DETECTION OF HIGH FLOW/DEMAND BY THE CONTROLLER. BOTH PUMPS SHALL DEACTIVATE WHEN NO FLOW IS DETECTED OR WHEN FLOW FALLS WITHIN THE DUTY PUMP CURVE. PROVIDE START AND STOP INDICATIONS FOR EACH PUMP ON THE DISPLAY. DEWA-CONFIDENTIAL ENSURE THE STANDBY PUMP ACTIVATES AUTOMATICALLY IF THE DUTY PUMP FAILS, WITH FAULT INDICATIONS TRIGGERED UPON OVERLOAD TRIPS. ALLOW MANUAL OPERATION, ENABLING ANY</p>						

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			<p>PUMP TO BESTARTED AND STOPPED BY THE CONTROLLER, WITH USER#DEFINED PRESSURESETTINGS DURING MANUAL MODE. TESTING AND COMMISSIONING: CONDUCTCOMPREHENSIVE TESTING OF THE ENTIRE SYSTEM, INCLUDING PRESSURE TESTS,FLOW TESTS, AND FUNCTIONAL TESTS OF ALL COMPONENTS. ENSURE THE SYSTEMOPERATES AS DESIGNED AND MEETS ALL SPECIFIED PERFORMANCE CRITERIA BEFOREHANDOVER. DOCUMENTATION AND HANDOVER: PROVIDE AS -BUILT DRAWINGS,EQUIPMENT SPECIFICATIONS, OPERATION AND MAINTENANCE MANUALS, ANDWARRANTY DOCUMENTS. TESTING AND COMMISSIONING REPORT S: COMPREHENSIVEREPORTS OF ALL CONDUCTED TESTS, INCLUDING PRESSURE TESTS, FLOW TESTS,AND FUNCTIONAL TESTS TIMELINE: ALL TASKS, FROM PROCUREMENT TO FINALSIGN-OFF, MUST BE COMPLETED WITHIN 40 DAYS FROM THE START DATE OF THEDEWA PURCHASE ORDER.</p>						

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			<p>WARRANTY: THE INSTALLING CONTRACTOR SHALL PROVIDE A ONE-YEAR INSTALLATION WARRANTY THAT INCLUDES ALL MATERIALS, LABOR, AND MISCELLANEOUS COSTS. STANDARD MANUFACTURER WARRANTY FOR GRP WATER TANKS SHALL BE INCLUDED, COVERING DEFECTS IN MATERIALS AND WORKMANSHIP UNDER NORMAL USE AND SERVICE CONDITIONS. ANY ISSUES ARISING DURING THE WARRANTY PERIOD MUST BE RESOLVED WITHIN 72 HOURS OF NOTIFICATION. 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 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</p>						

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			WORKERS BY THEIR SUPERVISOR, A COPY OF WHICH SHALL BE GIVEN TO DEWA. NO WELDING, FLAME HEATING OR CUTTING, GRINDING, PNEUMATIC CHIPPING, ETC. SHALL BE CONDUCTED WITHOUT SPECIFIC CLEARANCE FROM DEWA THROUGH "HOT WORK PERMITS". THE HOT WORK PERMIT IF REQUIRED SHALL BE OBTAINED ON A DAILY BASIS. THE CONTRACTOR SHALL AT NO TIME KEEP INFLAMMABLE SUBSTANCES IN THE PLANT/WORK AREAS. ALL HAZARDOUS WA						
2		ITEM-00001	SUPPLY, INSTALLATION, TESTING COMMISSIONING OF GRP 10,000-GALLON TANK PER ATTACHED SPECIFICATION.#	1	NO				
3		ITEM-00001	SUPPLY, INSTALLATION, TESTING COMMISSIONING RELATED PLUMBING FITTING PIPING FOR UTILITY CONNECTION AND OUTGOING CONNECTION AS PER ATTACHED SPECIFICATION.#	1	LS				

TOTAL AMOUNT IN WORDS:

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SPECIAL NOTES / INSTRUCTIONS:

Supply, Installation, Testing, and Commissioning of Water Tank and Related Pump Set @ DEWA TCC Najma building.

NOTE: Payment will be 100 % AFTER SUCCESSFUL COMPLETION. Site Visit will be on 12 MAR 2025 @ 10:00 am, For more details, kindly contact Mr. M. Arif Mushtaq, phone No. 0552239059.
Thomas Kutty 0557988468

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.

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SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP