

## REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

**RFQ NUMBER** : 2412501227  
**DATE** : 01.08.2025  
**REQ No** : 1032502936  
**REQ TITLE** : 1032502936 SRC PUMP  
**DELIVERY LOCATION**  
**CLOSING DATE** : 06.08.2025  
**CLOSING TIME** : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	SUPPLY, REPLACEMENT , AND COMMISSIONING OF DUTY/STANDBY WATER BOOSTER PUMPING SYSTEM GENERAL: THIS SCOPE OF WORK OUTLINES THE REQUIREMENTS FOR PROVIDING ALL ENGINEERING, MATERIALS, AND LABOR TO SUPPLY, INSTALL, AND COMMISSION A NEW DUTY/STANDBY WATER BOOSTER PUMPING SYSTEM TO REPLACE THE EXISTING DAMAGED SYSTEM AT THE DEWA WARQA OFFICE BUILDING. THE NEW PUMP SET SHALL CONSIST OF TWO BOOSTER PUMPS (1 DUTY + 1 STANDBY), EACH WITH A MOTOR CAPACITY OF 2 KW. THE SCOPE ALSO INCLUDES THE SUPPLY AND INSTALLATION OF ALL ASSOCIATED CONTROL PANELS, VALVES, FITTINGS, ACCESSORIES, AND NECESSARY ELECTRICAL AND PIPING WORKS TO ENSURE COMPLETE OPERATIONAL FUNCTIONALITY. THE CONTRACTOR SHALL VISIT THE SITE TO ASSESS THE EXISTING CONDITIONS AND INTEGRATION REQUIREMENTS PRIOR TO	1	NO				

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			<p>QUOTATION.INTRODUCTION:THE PURPOSE OF THIS SOW IS TO REPLACE THE DAMAGED DUTY/STANDBY WATERBOOSTER PUMPING SYSTEM TO ENSURE CONSISTENT WATER PRESSURE ANDUNINTERRUPTED SUPPLY ACROSS THE FACILITY.OVERVIEW:THE OBJECTIVE IS TO SUPPLY, INSTALL, AND COMMISSION A FULLY FUNCTIONALAND RELIABLE BOOSTER PUMP SYSTEM COMPRISING:# TWO MOTOR-DRIVEN PUMPS IN DUTY/STANDBY MODE# AUTOMATIC CONTROL PANEL WITH PROTECTIVE FEATURES# ALL NECESSARY PIPING, VALVES, AND ELECTRICAL WORKS# FULL COMMISSIONING AND DOCUMENTATION AS PER DEWA AND INTERNATIONALSTANDARDSDEWA-CONFIDENTIALSC</p> <p>OPE OF WORK:1. ASSESSMENT AND DOCUMENTATION:# CONDUCT A DETAILED SITE SURVEY TO ASSESS THE CURRENT LAYOUT ANDINTEGRATION REQUIREMENT</p> <p>S.# RECORD EXISTING ELECTRICAL AND PIPING</p>						

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			<p>CONFIGURATIONS.# ENSURE COMPLIANCE WITH DEWA REGULATIONS AND APPLICABLE SAFETY STANDARDS.2. EQUIPMENT SELECTION:# SUPPLY TWO MULTISTAGE CENTRIFUGAL BOOSTER PUMPS (HORIZONTAL OR VERTICAL), EACH WITH A 2-KW MOTOR.# SELECT AND PROVIDE AN AUTOMATIC CONTROL PANEL CAPABLE OF: 0 DUTY/STANDBY ALTERNATION 0 MOTOR OVERLOAD PROTECTION 0 DRY RUN PROTECTION 0 PHASE FAILURE AND REVERSAL PROTECTION# ENSURE ALL COMPONENTS ARE CERTIFIED PER IEC OR EQUIVALENT INTERNATIONAL STANDARDS.3. PROCUREMENT AND SUPPLY:# PROCURE PUMPS, MOTORS, CONTROL PANELS, VALVES, AND ACCESSORIES FROM DEWA-APPROVED OR EQUIVALENT VENDORS.# PROVIDE VALID WARRANTY , TECHNICAL COMPLIANCE CERTIFICATES, AND OEM DOCUMENTATION.4. DISMANTLING AND SITE PREPARATION:# SAFELY DISCONNECT AND REMOVE THE EXI</p>						

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			<p>STING DAMAGED BOOSTER PUMPS ANDFITTINGS AND SCRAPE TO DEWA SCRAPE YARD.# DISPOSE OF DISMANTLED MATERIALS PER DEWA WASTE MANAGEMENT GUIDELINES.# PREPARE THE SITE, INCLUDING PROPER ALIGNMENT, SUPPORTS, AND LEVELINGFOR NEW INSTALLATION.5. INSTALLATION AND INTEGRATION :# INSTALL PUMPS WITH VIBRATION ISOLATORS AND FLEXIBLE CONNECTORS.DEWA-CONFIDENTIAL# CONNECT SUCTION AND DISCHARGE PIPING USING FLANGES, REDUCERS, ORUNIONS AS NEEDED.# INSTALL AND WIRE THE CONTROL PANEL, INCLUDING POWER, CONTROL, ANDSIGNAL CABLING.# ENSURE PROPER EARTHING AND BONDING IN ACCORDANCE WITH DEWA STANDARDS.# PROVIDE SUNROOF PROTECTION FOR THE PUMP SYSTEM TO SAFEGUARD FROMENVIRONMENT AL EXPOSURE.6. TESTING AND COMMISSIONING:# PERFORM INSULATION RESISTANCE AND MOTOR ROTATION TESTS PRIOR TOSTARTUP.#</p>						

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			<p>COMMISSION THE SYSTEM, VERIFYING: O DUTY/STANDBY PUMP ALTERNATIONO PRESSURE CONTROL LOGIC AND SENSOR RESPONSEO SAFETY TRIPS AND FAULT INDICATORS# CO</p> <p>NDUCT FUNCTIONAL TESTS AND SIMULATE FAILURE MODES.# ENSURE THE SYSTEM MEETS THE SPECIFIED HEAD AND FLOW RATES.7. DOCUMENTATION AND H</p> <p>ANDOVER:# SUBMIT THE FOLLOWING: O AS-BUILT DRAWINGSO OEM DATASHEETS AND OPERATION &amp; MAINTENANCE MANUALSO ELECTRICAL SCHEMATIC AND SI</p> <p>NGLE-LINE DIAGRAMS (SLDS)O WARRANTY CERTIFICATESO FINAL COMMISSIONING REPORT INCLUDING TEST DATA AND OBSERVATIONSTECHNICAL SPECIFICATIONS:PUMP MOTOR:# CAPACITY: 1.5 KW# VOLTAGE: 230-VOLT, 50 HZ# ENCLOSURE: IP55# DUTY: CONTINUOUS</p> <p>(S1)DEWA-CONFIDENTIALPUMP TYPE:# HORIZONTAL OR VERTICAL MULTISTAGE CENTRIFUGAL BOOSTER PUMP# STAINLESS STEEL</p>						

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			<p>IMPELLERS AND DIFFUSERS (AISI 304/316)# SUITABLE FOR POTABLE WATER# MINIMUM HEAD AND FLOW AS PER SITE DEMAND DUTY CONFIGURATION:# 1 DUTY + 1 STANDBY WITH AUTOMATIC ROTATION AND FAILURE-BASED SWITCHING CONTROL PANEL:# WEATHERPROOF (IP65) WALL-MOUNTED ENCLOSURE# INCLUDES: 0 DUTY ALTERNATOR LOGIC CONTROLLER 0 DRY RUN PROTECTION N (VIA LEVEL SENSOR OR PRESSURE SWITCH) 0 OVERLOAD PROTECTION (ADJUSTABLE THERMAL RELAYS) 0 HOA SELECTOR SWITCH FOR EACH PUMP 0 LED INDICATORS FOR POWER, RUN, FAULT, AND MODE 0 AUTO-SHUTDOWN AND ALARM IN FAULT CONDITIONS PRESSURE SWITCHES &amp; SENSORS:# HIGH-ACCURACY PRES SURE SWITCHES# SUCTION AND DISCHARGE PRESSURE GAUGES# PRESSURE VESSEL TANK (APPROVED DEWA ENGINEERS ONLY ) VALVES AND FITTINGS:# NRVS AND GATE VALVES ON SUCTION/DISCHARGE#</p>						

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			<p>DRAIN VALVE WITH HOSE CONNECTION# BRASS, BRONZE, OR STAINLESS-STEEL MATERIALSPIPING AND CONNE</p> <p>CTIONS:# COMPATIBLE WITH EXISTING INFRASTRUCTUREDEWA-CONFIDENTIAL# INCLUDES FLEXIBLE CONNECTORS, UNIONS, FLANGES, REDUCERS AS REQUIR</p> <p>ED# LEAK-FREE AND VIBRATION-ISOLATED JOINTSMOUNTING AND SUPPORTS:# GALVANIZED STEEL BASE FRAME WITH ANTI-VIBRATION MOUNTS# CABLE TRA</p> <p>YS, SADDLES, AND SUPPORTS AS NEEDED ELECTRICAL CABLING:# POWER CABLE: XLPE/SWA/PVC ARMORED, COPPER CONDUCTOR, DEWA-APPROVED# CONTROL</p> <p>CABLE: SHIELDED, TAGGED, AND TERMINATED AS PER STANDARDSPAINING &amp; FINISHING:# FACTORY- OR SITE-PAINTED RUST-PROOF EPOXY COATING (MI</p> <p>NIMUM 2 COATS)# PROVIDE SUNROOF PROTECTION OVER PUMP</p> <p>ASSEMBLYCOMPLIANCE:# ALL COMPONENTS AND INSTALLATION TO CONFORM TO: O IEC, BS E</p>						

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			N, OREQUIVALENT STANDARDSO DM AND DEWA ELECTRICAL AND SAFETY REGULATIONS PROPOSAL SUBMITTALS THROUGH DEWA PORTAL: # DETAILED BILL OF Q UANTITIES AND MATERIALS# PUMP AND PANEL TECHNICAL DATASHEETS# PRODUCT BROCHURES AND COMPLIANCE CERTIFICATE AND STATEMENT# PUMP/MOTOR PERFORMANCE CURVES# TIMELINE DEWA-CONFIDENTIALDELIVERY SUBMITTALS: # INSTALLATION AND WIRING MANUALS# COMMISSIONING AND TEST CHECKLISTS# COMPLETION AND COMPLIANCE CERTIFICATE WARRANTY:# MINIMUM ONE-YEAR WARRANTY ON ALL EQUIPMENT AND WORKMANSHIP# ALL FAILURES OR DEFECTS DURING THE WARRANTY PERIOD TO BE RESOLVED WITHIN 72 HOURS OF NOTIFICATION PAYMENT:# PAYMENT SHALL BE PROCESSED UPON SUCCESSFUL COMPLETION, COMMISSIONING, AND FINAL ACCEPTANCE OF ALL DELIVERABLES DEFINED IN THIS SOW. GENERAL CONDITIONS# THE						



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			<p>CONTRACTOR AT DEWA WORK PREMISES SHALL FOLLOW DEWA SAFETY &amp;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 HEALTHCONSIDERATIONS. (DE WA 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, PNEUMATIC CHIPPING,ETC. SHALL BE CARRIED OUT WITHOUT SPECIFIC CLEARANCE FROM DEWA THRO UGH"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 WASTES SHALL BE</p>						

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			<p>MOVED UNDER THE DIRECTION OF AND WITHWRITTEN APPROVAL TO THE DEWA SPECIAL STORAGE AREA.# THE CONTRACTOR#S WORK WILL FALL WITHIN THE PURVIEW OF SAFETY SURVEYS CONDUCTED REGULARLY BY THE DEWA SAFETY SECTION. ALL THE WORKMEN SHOULD WEAR NECESSARY PPEs LIKE UNIFORMS, SAFETY SHOES, AND HELMETS. DEWA-CONFIDENTIAL# ALL CONTRACTOR CRANES, VEHICLES, AND SPECIAL TOOLS SHALL BE INSPECTED AND TESTED BY CAPABLE AUTHORITIES. THE CONTRACTOR SHALL PROVIDE DEWA WITH A COPY OF CERTIFICATES OF THEIR FITNESS BEFORE THEIR USE AT THE SITE.# THE CONTRACTOR PRODUCE ALL EQUIPMENT LIKE RIGGING TOOLS, GRINDING MACHINES, DRILLING MACHINES, HAND TOOLS, AND PRECISION TOOLS WITH ALL VALID TEST CERTIFICATES FROM 3RD PARTY LICENSED CERTIFYING AGENCY</p>						

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			ES.# ERECTION & USE OF SCAFFOLDING, AND USE OF LIFTING TROLLEYS SHALL BE CERTIFIED BY DEWA-AUTHORIZED PERSONNEL AND SHALL BE SUPERVISED BY THE CONTRACT SUPERVISOR BEFORE EXECUTING THE JOB ON SITE.# NO STAFF OR VEHICLES OF THE CONTRACTOR WILL BE PERMITTED TO STAY ON DEWA PREMISES AFTER THE CLOSING OF WORK OF THE DAY.#						
2		ITEM-00001	SUPPLY, INSTALLATION, AND COMMISSIONING OF DUTY/STANDBY WATER BOOSTER PUMPING SYSTEMS DEWA DCC GUSAIS AS PER ATTACHED SPECIFICATION#	1	NO				

TOTAL AMOUNT IN WORDS:

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### SPECIAL NOTES / INSTRUCTIONS:

Supply, replacement, and Commissioning of Duty/Standby Water Booster Pumping System. Contact Person: M.Arif Mushtaq - 055-2239059 muh  
d.arif@dewa.gov.ae. Payment Terms: 100% on completion.

### STANDARD TERMS & CONDITIONS

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

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- 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.

**SUPPLIER'S REMARKS :**

**SUPPLIER'S SIGNATURE AND STAMP**