

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2492600446
DATE : 05.08.2026
REQ No : 1172600685
REQ TITLE : Real-Time PCR 1172600685
DELIVERY LOCATION : 0022 - M STORES, JAPS
CLOSING DATE : 11.08.2026
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1	7000000013		TECHNICAL SPECIFICATIONS FOR REAL-TIME PCR (QPCR) SYSTEM WITH AUTOMATED EXTRACTION ROBOTICS INTEGRATION FACILITY. SUPPLY, INSTALLATION, COMMISSIONING, CALIBRATION, AND VALIDATION OF A96-WELL REAL-TIME PCR (QPCR) SYSTEM FOR ENVIRONMENTAL AND POTABLE WATER MICROBIOLOGY TESTING. THE OFFERED SYSTEM SHALL BE A MODERN, OPEN-PLATFORM INSTRUMENT SUITABLE FOR ROUTINE LABORATORY USE. THE MANUFACTURER SHALL HAVE AN ESTABLISHED GLOBAL PRESENCE WITH LOCAL TECHNICAL SUPPORT AND SPARE PARTS AVAILABILITY. 96-WELL BLOCK CAPACITY. OPEN SYSTEM COMPATIBLE WITH THIRD-PARTY QPCR KITS. MINIMUM 5 OPTICAL CHANNELS. COMPATIBLE WITH FAM, HEX/VIC, ROX, TEXAS RED, CY5 AND CY 5.5 (OR EQUIVALENT FLUOROPHORES). HIGH-SPEED THERMAL CYCLING WITH MAXIMUM RAMP RATE #8.0°C/SECOND (OR EQUIVALENT). CAPABLE OF	1	EA				

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			COMPLETING STANDARD FAST QPCR ASSAYS IN #30 MINUTES(EXCLUDING SAMPLE PREPARATION).TEMPERATURE ACCURACY: $\pm 0.25^{\circ}\text{C}$ OR BETTER.TEMPERATURE UNIFORMITY: $\pm 0.4^{\circ}\text{C}$ OR BETTER.ABSOLUTE QUANTIFICATION, RELATIVE QUANTIFICATION, MULTIPLEX DETECTION,MELT CURVE ANALYSIS, AND ENDPOINT ANALYSIS.DYNAMIC RANGE OF AT LEAST 10 LOGARITHMIC ORDERS.DETECTION SENSITIVITY DOWN TO 1 TARGET COPY/REACTION (MANUFACTURERSPECIFICATION).USER-FRIENDLY SOFTWARE WITH UNLIMITED DATA STORAGE, EXPORT CAPABILITY,AND AUDIT TRAIL.USB AND ETHERNET CONNECTIVITY.CE-IVD AND/OR EQUIVALENT INTERNATIONAL CERTIFICATION PREFERRED.THE SYSTEM SHALL SUPPORT FUTURE INTEGRATION WITH AUTOMATED ROBOTICWORKFLOWS.COMPATIBLE WITH AUTOMATED NUCLEIC ACID EXTRACTION						

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			SYSTEMS.COMPATIBLE WITH ROBOTIC PCR SETUP WORKSTATIONS CAPABLE OF AUTOMATED96-WELL PLATE PREPARATION.THE MANUFACTURER SHALL PROVIDE OPTIONAL AUTOMATION MODULES FOR FUTURELABORATORY EXPANSION WITHOUT REPLACING THE CORE QPCR INSTRUMENT.SOFTWARE SHALL SUPPORT FUTURE LIMS INTEGRATION.SUITABLE FOR ROUTINE DETECTION AND QUANTIFICATION OF LEGIONELLA SPP. ANDLEGIONELLA PNEUMOPHILA IN ENVIRONMENTAL AND POTABLE WATER SAMPLES.COMPATIBLE WITH LYOPHILIZED (FREEZE-DRIED) LEGIONELLA QPCR KITS.COMPATIBLE WITH COMMERCIALY AVAILABLE THIRD-PARTY QPCR KITS FOLLOWINGLABORATORY VALIDATION WHERE REQUIRED.COMPATIBLE WITH PMA/PMAXX VIABILITY PCR WORKFLOWS FOR DIFFERENTIATION OFVIABLE AND NON-VIABLE LEGIONELLA.5. SUPPLIER VALIDATION RESPONSIBILITIES THE SUPPLIER SHALL:PERFORM COMPLETE						

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			TE INSTALLATION QUALIFICATION (IQ), OPERATIONALQUALIFICATION (OQ), AND PERFORMANCE VERIFICATION.VALIDATE THE COMPLETE WORKFLOW USING THE SUPPLIED LYOPHILIZED LEGIONELLAQPCR KIT.VALIDATE THE COMPLETE PMA/PMAXX VIABILITY PCR WORKFLOW FORDIFFERENTIATION OF VIABLE AND DEAD LEGIONELLA CELLS.DEMONSTRATE ACCEPTABLE PERFORMANCE FOR SENSITIVITY, SPECIFICITY,PRECISION, REPEATABILITY, AND REPRODUCIBILITY .PROVIDE COMPLETE VALIDATION DOCUMENTATION AND REPORTS SUITABLE FORISO/IEC 17025 LABORATORIES.PROVIDE TECHNICAL SUPPORT DURING LABOR ATORY METHOD VERIFICATION WHEREREQUIRED.THE SUPPLIER SHALL PROVIDE:INITIAL STOCK OF ALL REQUIRED CONSUMABLES.PCR PLATES/TUBES AND OP TICAL SEALING MATERIALS.FILTERED PIPETTE TIPS (WHERE APPLICABLE).DNA EXTRACTION REAGENTS.LYOPHILIZED LEGIONELLA QPCR						

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			KITS.INTERNAL C ONTROLS,GU STD. POSITIVE CONTROLS, AND NEGATIVE CONTROLS.PMA/PMAXX REAGENT (OR EQUIVALENT VIABILITY DYE), IF INCLUDED IN THEPROPOSED WORKFLOW.ALL CONSUMABLES REQUIRED FOR INSTALLATION, VALIDATION, AND INITIALOPERATION.7. TRAININGTHE SUPPLIER SHALL PROVIDE COMPREHE NSIVE ON-SITE TRAINING COVERING:INSTRUMENT OPERATION.SOFTWARE OPERATION AND DATA ANALYSIS.ROUTINE MAINTENANCE.TROUBLESHOOTING.DNA EX TRACTION.QPCR WORKFLOW.PMA VIABILITY PCR WORKFLOW.METHOD VALIDATION AND QUALITY CONTROL PROCEDURES.INTERPRETATION AND REPORTING OF R ESULTS.8. WARRANTY AND SERVICEMINIMUM 2-YEAR COMPREHENSIVE WARRANTY.PREVENTIVE MAINTENANCE DURING THE WARRANTY PERIOD.AVAILABILITY O F LOCAL SERVICE ENGINEERS.GUARANTEED AVAILABILITY OF SPARE PARTS AND						

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			CONSUMABLES FOR A MINIMUM OF 10 YEARS. 9. DOCUMENTATION THE SUPPLIER SHALL PROVIDE: USER MANUALS. SERVICE MANUALS (WHERE APPLICABLE). CALIBRATION CERTIFICATES. IQ/OQ DOCUMENTATION. VALIDATION REPORTS. PREVENTIVE MAINTENANCE SCHEDULE. RECOMMENDED OPERATING PROCEDURES. LIST OF COMPATIBLE QPCR KITS AND CONSUMABLES. 10. DELIVERABLES THE SUCCESSFUL SUPPLIER SHALL PROVIDE: QPCR INSTRUMENT. LAPTOP AND LICENSED SOFTWARE. ALL REQUIRED ACCESSORIES. INITIAL CONSUMABLES AND QPCR KITS INCLUDING GU STD.. INSTALLATION, COMMISSIONING, VALIDATION WITH MULTI LEGIONELLA KITS AND DISTINGUISHING DEAD AND LIVE CELLS, AND TRAINING. COMPLETE DOCUMENTATION PACKAGE.						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

Real-Time PCR

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

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(qPCR) System

STANDARD TERMS & CONDITIONS

- 1) RFQ Document Disclaimer: The PDF version of this Request for Quotation (RFQ) is provided for convenience only and contains a summary of key information. It does not include all technical details, requirements, or specifications. Bidders must refer to the complete system documentation and all referenced materials to obtain full and accurate information necessary for preparing their proposals.
- 2) Prices should be 'DDP' delivery duty paid at DEWA stores.
- 3) Quotation to be submitted only in local currency U.A.E Dirhams
- 4) DEWA Standard Payments: 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.
- 5) 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.
- 6) The offered product and/or services in the Quotation, shall be confirming and in accordance with DEWA Energy Management Policy & EnMS Manual.
- 7) 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

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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.

8) Data Privacy, Security and Sharing:

- Third-party shall handle DEWA data in accordance with all applicable laws, regulations, and DEWA policies.
- DEWA data shall not be shared outside UAE, in line with DESC ISR requirements.
- DEWA's Non-Disclosure Agreement (NDA) and External Party Acknowledgment (EPA) shall be signed by the third-party and their sub-contractors who handle DEWA data prior to the contract commencement.
- DEWA reserves the right to withhold data from third parties if deemed sensitive.
- Access to data must be restricted to authorized, named third-party employees only and DEWA must be informed of any changes in employment status of those with access.
- Third party shall not disclose, transfer or share any DEWA data with other third parties (government, semi government, private) without obtaining DEWA's authorized data owner written approval.
- Upon the completion/ termination of the agreement the external party shall securely delete all DEWA's data in their custody/ control including the backup and provide written confirmation and evidence to DEWA upon the data deletion completion as per agreed data disposal process, this is to address risk of data remanence.

9) Liquidated Damages for PO total value in excess of AED 50,000:

If the Contractor/Supplier delays or fails to deliver, fails to commence or perform the services, DEWA has the right to deduct an amount equal to 1.25% per day/week of the total PO fee for the services/supplies delayed, not performed or not delivered, subject to a cap of 10% of the total PO fee without recourse to any judicial proceedings, as compensation for the delay or failure to perform. If the deducted amount exceeds 10% of the total PO fee, without prejudice to any of DEWA's rights under the applicable law, DEWA shall be entitled to terminate the PO immediately without the need for any notice or judicial proceedings against the defaulting Supplier, and without the need to prove the damage.

10) Indemnity: The Supplier shall indemnify DEWA from and against all claims, damages, costs and liabilities brought by any third party against DEWA arising out of or in connection with any of acts or omissions of the Supplier/Contractor, or any failure to perform its obligations under this PO.

11) Dispute Resolution: Any dispute arising out of or in connection with this PO shall be settled through mutual good faith negotiation and understanding between the Parties: Failing amicable settlement, the dispute shall finally be referred to the courts having appropriate jurisdiction in the Emirate of Dubai.

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12) Intellectual Property Rights: The Supplier/Contractor shall not use DEWA's intellectual property, including logos, trademarks, service marks, trade names, service names, and brand names, whether in a press release or otherwise, without obtaining DEWA's prior written consent. All intellectual property rights in the deliverables created or developed, under this PO, shall be solely owned by DEWA.

13) Assignment and Transfer: The Supplier/Contractor shall not assign this PO or any part thereof without the prior written consent of DEWA. Such consent shall not relieve the Contractor of any of its obligations or duties under this PO.

14) Force Majeure: If either party is affected by a Force Majeure event, it will promptly notify the other party of the nature and extent thereof. Neither party will be deemed to be in breach of this PO, by reason of any delay or non-performance, of any of its obligations hereunder, due to any Force Majeure event of which it has notified the other party. The time for performance of these obligations will be extended accordingly as may be fair and reasonable in the circumstances. Provided always that if the duration of such delay or impediment exceeds thirty (30) days, either party may give a fifteen (15) working days' notice to terminate a specific item or the PO in its entirety.

15) Certificate of Conformity for Green Materials and Services Specifications: The Bidder shall, wherever applicable, provide a Certificate of conformity issued by accredited body/ laboratory as proof of compliance with the applicable green materials, services and specifications.

16) Taking Over Certificate: TOC shall be issued only after full delivery or completion of the service or deliverables. TOC will be issued conditionally ("conditional TOC") with the reasonable guarantee/observation in case of any defects after delivery or completion of the PO.

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SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP