



ADDENDUM A

IDS (W&S) 05/2026

TENDERS ARE HEREBY INVITED FOR THE APPOINTMENT OF SERVICE PROVIDER/S FOR THE SUPPLY, DELIVERY, INSTALLATION AND MAINTENANCE OF SPECIALISED ANALYTICAL LABORATORY EQUIPMENT AT THE SCIENTIFIC AND QUALITY CONTROL SERVICES (LABORATORY), ON AN AS-AND-WHEN-REQUIRED BASIS FOR A PERIOD OF THREE (3) YEARS.

Bidders are hereby notified of the following amendments:

1. Technical Evaluation Criterion:

a. Incorrect statement:

- Failure to score the minimum of 50 points out of 35 points will lead to non-compliance and bidder will be rejected after this phase and not continue for price scoring.

Corrected statement:

- Failure to score the minimum of 35 points out of 50 points will lead to non-compliance and bidder will be rejected after this phase and not continue for price scoring.

2. Pricing Schedule Update

Additional information has been included in the pricing schedule to enable service providers to cost their proposals more accurately and in alignment with the project scope and deliverables.

11. PRICING SCHEDULE

APPOINTMENT OF SERVICE PROVIDER/S FOR SUPPLY, DELIVERY, INSTALLATION AND MAINTENANCE OF SPECIALISED ANALYTICAL LABORATORY EQUIPMENT AT THE SCIENTIFIC AND QUALITY CONTROL SERVICES (LABORATORY), ON AN AS-AND-WHEN-REQUIRED BASIS FOR A PERIOD OF THREE (3) YEARS.

SECTION A: MICROBIOLOGY

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
A1	Water bath	- Reciprocal Shaking Bath - Volume: 40 + Litres - Bath interior must be made from high-grade 304 Stainless steel. - Temperature control via PID electronic control with digital indication of process and setpoint temperature values.	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
		• 120-minute timer with infinity setting. • Suitable for water medium or low viscosity work. • Control range ambient +10°C to 100°C. • Control accuracy $\pm 0.3^{\circ}\text{C}$ • Supplied with stainless steel lid. • Tank dimension: 650 x 350 x 175 • Shaking platform : 450 x 160 x 300						
A2	Colony Counter	• Control accuracy $\pm 0.3^{\circ}\text{C}$ • Petri Dish Compatibility: 50–150 mm • Counting Range: 0–999 or 0–9999 • Magnification: 3× to 9× • Display: 3-digit or 4-digit LED • Lighting: White LED with optional up-light for difficult visuals	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
		• Environment: Operating temp 5–50 °C, Relative humidity 0.8 • Protection Class: IP21 • Power: AC 100–240 V, 50–60 Hz; Consumption 40 W • Size & Weight: 360 × 300 × 180 mm; ~4 kg net, 6 kg gross						
A3	Type 1 Water purification system.	• Voltage: 100-230 V ± 10%, 50-60 Hz ± 10% • Current: 2.5A • Power: 160 VA • TOC value pure water: 5 ppb • External dimension (W) x (D) x (H): 32 x 35 x 50 cm • Technical specifications of Millipore “or approved equivalent” RIOs 5 • Voltage: 230V, 50Hz • Power: 70VA	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
		• External dimension (W) x (D) x (H): 26 x 34 x 45 cm • Technical specifications of Millipore “or approved equivalent” PE Tank 30 Liter • storage tank Content: 30 L • External dimension (W) x (Ø) x (H): 38.1 x 38 x 60 cm • Maximum water supply: 2 L/ min • External dimension (Ø) x (H): ± 23 x 60 cm • Water Source: portable water						
	TOTAL FOR SECTION A (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT).**

SECTION B: BENCHTOP MULTIMETER

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION.

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDIN G VAT)	UNIT COST (INCLUDIN G VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
B1	Benchtop Multimeter (pH, Conductivity, DO, ORP and TSE)	Measurement Parameters: Supports pH, ORP (Redox), Conductivity, TDS, Salinity, Resistivity, Dissolved Oxygen (DO), BOD, and Ion-Selective Electrodes (ISE) including Ammonia, Ammonium, Chloride, Fluoride, Nitrate, and Sodium. Probe Compatibility: Compatible with Hach Intellical™ standard and rugged digital electrodes. Dual input channels for	1		R	R	R	R

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		simultaneous measurements. Display & Interface: Large backlit LCD display (240 x 160 pixels), multilingual interface (15+ languages), soft-touch keypad. Calibration: • pH: 1–3 points with various buffer sets (NIST, DIN, user-defined) • Conductivity: Multiple standard calibration options (NaCl, sea water, custom) • DO: Multiple calibration modes including 100%						

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		water-saturated air, zero point, and factory - ISE: 2–5 point calibration Measurement Ranges: - pH: 0.00 to 14.00 pH - ORP: ± 1500 mV - DO: 0.1–20.0 mg/L or 1–200% saturation - Conductivity: 0.01 $\mu\text{S/cm}$ to 200 mS/cm - TDS: 0.00 mg/L to 50.0 g/L NaCl - Salinity: 0–42 ppt Resolution: - pH: 0.001 / 0.01 / 0.1 selectable - DO: 0.1 mg/L - Conductivity: Range-dependent						

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		(0.01 μS/cm – 0.1 mS/cm) Data Management: • 500 record memory with GLP-compliant data • USB data export to PC or flash drive • HQD Data Transfer Utility Software Features: • Automatic temperature compensation • Custom calibration standards • Calibration reminders (2 hours to 7 days)						

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		• Lock functions for auto-stabilised or timed readings • Clear text error messages and guided navigation • IP67 waterproof and dustproof rating Power and Portability: Operates on AA batteries or USB/DC power adapter; rugged design for field and lab use; approx. weight: 430 g with batteries. Included in Kit: Meter, USB/DC power adapter, protective glove, batteries, field case, sample containers, manuals.						

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B2	pH meter	• pH Range: –2.00 to 16.00 pH (up to 3-decimals) • Resolution: 0.001 or 0.01 pH • Accuracy: ±0.002 pH (at 25°C); ±0.01 pH • Calibration: Automatic, up to 5-point using 7 standard buffers (plus 2 custom) • Temp Compensation: Automatic/manual , –20 to 120 °C • mV Range: ±999.9 to ±2000 mV; resolution down to 0.1 mV • Logging: 50–1000 samples, interval logging	1		R	R	R	R

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		• Connectivity: RS-232, opto-isolated, built-in printer • Size/Weight: 280×203×84 mm, ~1.9 kg						
B3	Electrical Conductivity meter	• Conductivity Range: 0.001 μS/cm to 1000 mS/cm • Accuracy: $\pm 0.5\%$ of reading (± 1 digit) • Other Parameters: Measures salinity (0–70 ppt), TDS (0–1999 mg/L), and specific resistance (1–1999 $M\Omega \cdot \text{cm}$) • Temperature Range & Accuracy: -5°C	1		R	R	R	R

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		to 105 °C; ± 0.1 °C • Cell Constants Supported: Fixed and adjustable (e.g., 0.01–25 cm⁻¹ among options) • Compensation: Linear or nonlinear (nLF), and auto or manual temperature compensation • Display & Interface: Large, backlit graphics display with AutoRead for stable values, stand and sensor holder included • Data & GLP Features: USB output, CSV export, optional printer, electrode						

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		condition indicator, cable GLP capability						
	TOTAL FOR SECTION B (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT).**

SECTION C: LABORATORY GLASSWARE WASHER (INDUSTRIAL DISHWASHER)

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION.

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDIN G VAT)	UNIT COST (INCLUDIN G VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN-TATIVE MAINTENANCE COSTS FOR YEAR 1 INCL VAT
C1	Laboratory Glassware washer	• Washing Capacity: Adjustable racks for flasks, pipettes, test tubes, etc. (at least 2–3 levels) • Temperature: Final rinse $\geq 93^{\circ}\text{C}$ for thermal disinfection • Wash Cycles: Customizable programs (pre-wash, main wash, rinse, drying) • Drying System: Forced hot air drying or HEPA-filtered drying	1		R	R	R	R

		• Material: Stainless steel interior, corrosion-resistant • Compliance: CE marked, ISO/EN standards for lab safety Optional Features: • HEPA drying filter • Conductivity monitoring of final rinse water • pH neutralization module						
	TOTAL FOR SECTION C (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION D: THERMOREACTOR FOR COD ANALYSES**NOTE:**

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION.

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
D1	Thermoreact or for COD analyses	• Application: Digestion of water samples for COD, total nitrogen, total phosphorus, etc. • Temperature Range: 100°C to 170°C • Temperature Accuracy: ±2°C • Pre-set Programs: • COD: 150°C for 120 minutes • Total Nitrogen: 100°C for 60 minutes • Total Phosphorus: 120°C for 30 minutes	1		R	R	R	R

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		• Custom Programs: User-defined temperature and time settings • Timer: Adjustable up to 180 minutes • Tube Capacity: Holds up to 24 x 16 mm reaction tubes • Heating Time: <10 minutes to reach 150°C • Display: Digital LCD with visual indicators • Safety Features: • Overheat protection • Audible signal when digestion is complete • Power Supply: 230 V / 50 Hz • Certifications: CE marked, ISO compliant						

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		Compatible With: Hach 16 mm “or approved equivalent” digestion vials and standard photometric systems						
	TOTAL FOR SECTION D (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION E: LABORATORY TROLLEY

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION.

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
E1	Laboratory Trolley	• Construction: Robust stainless steel framework and trays • Shelves: Two tiers with hygienic, easy-to-clean surfaces • Load Capacity: 50 kg per shelf • Mobility: 100 mm easy-glide, silent-running, heavy-duty castor wheels with non-marking tyres • Assembly: Supplied in knock-down form with	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
		easy assembly instructions • Design Features: • Vibration-absorbing tyres to prevent snagging on floor joints or lift entrances • Top trays positioned at a convenient working height for easy transfer of items to and from standard benches						
	TOTAL FOR SECTION E (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION F: UPS (UNINTERRUPTIBLE POWER SUPPLY)**NOTE:**

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION.

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
F1	UPS (Uninterruptible Power Supply)	• Voltage: 100–240 V AC, 50/60 Hz • Power Consumption: ~500–700 W (running), ~1000 W max • Startup Surge: Can briefly exceed 1000 W • Type: Line-interactive or Online (double conversion) UPS (recommended for sensitive lab equipment) • Power Rating: At least 1500 VA / 1000 W	1		R	R	R	R

		<pre> (preferably 2000 VA / 1400 W) • Output Sockets: Minimum 4 IEC C13 outlets (or match your plug type) • Battery Backup Time: 10–20 minutes at 70% load (enough for shutdown or switchover to generator) • Surge Protection: Integrated, with AVR (Automatic Voltage Regulation) • Communication: USB/serial interface for automated shutdown or monitoring • Pure Sine Wave Output: Required for electronic lab instruments </pre>						
	TOTAL FOR SECTION F (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION G: VORTEX MIXER & HOMOGENIZER

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION.

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
G1	Vortex Mixer	• Step-less variable speed variations between 0 and 2500 rpm • Large selection of adapters available as optional extras for tube and flask mixing • Continuous and Touch Operation • Quiet and compact design • Can mix up to 48 x Ø6mm test tubes at once • Stable Aluminum Cast base with silicone feet	1		R	R	R	R

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		provides superior stability • Constant speed under varying loads, monitored by electronic circuit • Excellent mixing capabilities • Silicone feet for ultra-stability • Eccentric with ball bearings • CE Marked • 2 Year Warranty • Specifications E-VM-B E-VM-A • Type of Movement - Orbital - Orbital • Operation Type - Touch - Continuous / - Touch • Orbital Diameter [mm] 4.8 4						

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		• Speed Range [rpm] 3000 0 – 2500 • Speed DisplayNo Analogue • Motor Rating Input [W] 12 58 • Motor Rating Output [W] 8 10 • Timer No No • Protection Class Acc. to DIN EN 60529 IP 21 IP 21 • RS232 Computer Interface No No • Dimensions (W x H x D) [mm] 134 x 70.5 x 134 127 x 160 x 130 • Weight [kg] 0.8 3.5 • Housing Material ABS with Cast Aluminum Base						

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		• Permissible Ambient Temperature [°C] 5 – 40 5 – 40 • Permissible Relative Humidity [%] 80 80 • Input Power [W] 20 60 • Voltage [V AC] 100 – 240 110 – 120 / 220 – 230 • Frequency [Hz] 50/60 50/60						
G2	Homogenizer	• Processing Volume Range: 0.05 mL to 30 L* (depending on sample viscosity) • Power Rating: 1,305 W • Speed (RPM) Range: 0 up to	1		R	R	R	R

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		~23,000 rpm, digitally controlled • Noise Level: Around 68 dB— fairly quiet for its power Weight & Dimensions: ~39 lbs (~17.7 kg), with footprint approx. 15.25" × 14" × 30" • All Accessories to be included.						
	TOTAL FOR SECTION G (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION H: HOTPLATE AND MAGNETIC STIRRER

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION.

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H1	Hot Plate and Magnetic Stirrer	• Stretched shell and cover prevent leaking. • Heating and stirring can proceed simultaneously. • Enclosed hot plate with flame protection, fast warm-up and durability. • Heating Power and stirring speed is stepless adjusted. • Max. Temp. To 380 degree, max. Speed to 2000 r. P. M.	1		R	R	R	R

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		• The digital type has the more function as follows: • Can set the temperature actually and the stirring speed is stepless adjusted. • Big LCD Screen with backlight. • The real temperature and real speed can show simultaneously. • Name: Magnetic Stirring Heating Plate • Type: Ceramic Magnetic stirrer • Speed: 200-2000rpm • Max temp: 350 C • Plate size: 190*190mm • Warranty: 2 Years						

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		Certificate: CE ISO						
	TOTAL FOR SECTION H (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION I: GLASSWARE DRYING OVEN

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION

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I1	Glass window drying oven for drying Glassware	• Glass viewing window for sample inspection • without affecting chamber temperature • Slam lock door handle • S/S 430 body construction with S/S 304 interior and • powder coated mild steel door • Ideal for applications where a higher degree of • accuracy is required • Electronic PID temperature control with digital • indication of set and process value	1		R	R	R	R

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		• High accuracy pt 100 temperature sensor • Solid state control relay for optimum reliability and rapid response • Digital display of set and actual temperature to 0.1°C • Operating temperature ambient +7°C to 250°C • Grade 304 stainless steel body construction • Reliable incalloy heating elements • Unit provided with 2 chrome plated wire shelves • Toughened glass sliding doors on both sides for ease of access • Variable heat control via energy regulator • Voltage V/hz 230/50 • Power W 1000 • Mass (kg) 27						

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		- Internal dimensions WxHxD (mm) 965 x 410 x 510 - External dimensions WxHxD (mm) 1040 x 555 x 530 - Internal Volume (l) 180						
	TOTAL FOR SECTION I (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION J: AUTOCLAVE

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION

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J1	Autoclave	• Electromechanical lock system • By only using a once-touch lever, you can easily and safely open and lock the lid chamber. • Dual-sensing interlock mechanism • Safety system locks the lid by detecting the inner pressure and the temperature of the chamber. This dual-sensing system assures greater safety.	1		R	R	R	R

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		• Double-sensing system for air evacuation • Residual air which affects sterilization in chamber is detected with the dual sensor method. • Programmable auto start • Built-in timer allows you to program a timer to automatically start a cycle. • Process status display • The current status of the sterilization process is indicated by means of a set of flashing lights. • Process mode for agar • For rapidly melting and maintaining it at liquid temperature or						

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
		for a hot and faster start-up. • Auto-exhaust mechanism • An auto steam-exhaust mechanism is newly adopted for sterilization of liquids without boil over. Steam is slowly released at pre-set percentage rate after sterilization is completed. • Memory back-up • You can change the parameters for sterilization/exhaust/warming in each mode. Once changed, they are retained, even in the case of power failure. • Various optional accessories						

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
		- Add-on accessories can be purchased and easily installed in the field (Floating sensor, digital printer, automatic water supply, cooling unit) - Sold according to SANS347 accreditation - Stainless steel baskets included - Chamber capacity 0.054247m³ “or approved equivalent” - Maximum pressure 0.255 MPa “or approved equivalent”						
	TOTAL FOR SECTION J (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION K: VACUUM PUMP**NOTE:**

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
K1	Vacuum Pump	• AC/DC input 115 V, 60 Hz “or approved equivalent” • High flow rates decrease filtration process time • chemical-resistant internal components for compatibility with corrosive vapors • Portable design allows for easy sharing between workstations • Hydraulics: 1290 l/min “or approved equivalent” • Power: 0.12 kW	1		R	R	R	R
	TOTAL FOR SECTION K				R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
	(For Evaluation Purposes)							

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION L: LABORATORY REFRIGERATOR

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
L1	Laboratory Refrigerator	• Operating range from +1°C to +8°C. • manufactured in accordance with ISO 9001 (Quality management systems certified) and ISO 14001 (Environmental Management system compliant) • The range should be suited for general storage. • Single glass door with the following features: ○ Automatic defrost	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
		○ Magnetic door gasket ○ Plastic coated adjustable shelves ○ Double tempered glass						
	TOTAL FOR SECTION L (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION M: MUFFLE FURNACE

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDIN G VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
M1	Muffle Furnace	• Temperature range: Ambient +5 °C to 1100–1200 °C • Temperature accuracy: ±1 °C at 1000 °C • Heating rate: 10–20 °C per minute • Chamber volume: 10–20 litres • Temperature control: Digital PID controller with programmable ramp and soak • Heating elements: Kanthal “or	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDIN G VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
		approved equivalent” resistance wire • Chamber material: Ceramic fibre or high-alumina insulation • Over-temperature protection: Built-in safety shut-off system • Display: Digital LED/LCD showing setpoint and actual temperature • Power supply: 220–240 V, 50/60 Hz, single-phase • Accessories: Include heat-resistant gloves, tongs, and sample tray • Safety certification: CE-						

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDIN G VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
		certified or SANS-compliant						
	TOTAL FOR SECTION M (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION N: BOTTLE TOP DISPENSER**NOTE:**

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
N1	Dispenser 1- 10 mL	• Volume range: Adjustable between 1–10 mL • Volume accuracy: $\pm 0.5\%$ or better • Repeatability: $\pm 0.1\%$ • Dispensing mechanism: Piston-driven, springless valve system • Construction materials: PTFE, FEP, borosilicate glass, PP	1		R	R	R	R

		(chemically resistant) • Chemical compatibility: Suitable for acids, bases, solvents (excluding hydrofluoric acid) • Autoclavable: Fully or partially autoclavable at 121 °C • Safety features: Includes recirculation valve, anti-drip cap, and overflow protection • Dispensing nozzle: Telescoping or anti-drip • Mounting: Compatible with GL 45 bottles						
N2	Dispenser 5-50 mL	• Volume range: Adjustable between 5–50 mL • Volume accuracy: $\pm 0.5\%$ or better	1		R	R	R	R

		• Repeatability: $\pm 0.1\%$ • Dispensing mechanism: Piston-driven, springless valve system • Construction materials: PTFE, FEP, borosilicate glass, PP (chemically resistant) • Chemical compatibility: Suitable for acids, bases, solvents (excluding hydrofluoric acid) • Autoclavable: Fully or partially autoclavable at 121 °C • Safety features: Includes recirculation valve, anti-drip cap, and overflow protection • Dispensing nozzle:						
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		- Telescoping or anti-drip - Mounting: Compatible with GL 45 bottles						
N3	Micropipette (Ergonomic micropipettes with low operating forces for general laboratory use. Intended for transferring liquids in the specified volume range in combination with matching tips).	- Pipetting type Air-cushion pipette - Channel options 1, 8, 12, 16, 24, Move It® adjustable tip spacing (with 4, 6, 8 or 12 channels) - Volume range 0.1 µL – 10,000 µL - Volume increments 0.002 µL – 10 µL - Operation Mechanical 4-digit volume display - Autoclavable Fully autoclavable (121 °C, 1 bar, 20 min) - UV resistance (254 nm) - Consumables epT.I.P.S.® pipette tips	1		R	R	R	R

		• Open system (3rd party consumables) • Conforms with ISO 8655 • Temporary adjustment Easy adjustment for liquid types, elongated tips or altitude • Storage & transport conditions Temperature: -5 °C – 45 °C Humidity: 10 % – 95 % Operating conditions Temperature: 5 °C – 40 °C Humidity: 10 % – 95 % Spring-loaded tip cones for easy tip attachment & ejection (up to 1 mL) High chemical resistance &						
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		special lower parts with resistance to different chemicals available Life-time tested for min. 5 years of use						
	TOTAL FOR SECTION N (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION O: SPECTROPHOTOMETER FOR COD ANALYSES (NOT UV VIS, SHOULD BE ABLE TO READ COD IN g/L or mg/L)

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION

ITEM NUMBER	ITEM NAME	SPECIFICATIONS	QUANTITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVENTATIVE MAINTENANCE COSTS FOR YEAR 1 EXCL VAT	PREVENTATIVE MAINTENANCE COSTS FOR YEAR 1 INCL VAT
O1	Spectrophotometer for COD analyses (Not UV Vis) (For application on Groundwater, Wastewater, Municipal Water, Potable	- Beam Height 10 - Data Logger 2000 measured values (Result, Date, Time, Sample ID, User ID) - Dimensions (H x W x D) 151 mm x 350 mm x 255 mm - Display 7" TFT - Display Resolution WVGA (800 pix x 480 pix)	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
	water, Pre- treatment and Surface Water)	• Display Size 7 inch (17.8 cm) • Display Type Coloured touch-screen • Enclosure Rating IP40 • Interfaces USB type A (2), USB type B, Ethernet, RFID module • Light Source Gas-filled Tungsten (visible) • Manual Language English, Operating Conditions 10 - 40 °C, max. and 80 % relative humidity (non- condensing) • Operating Mode Transmittance						

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
		(%), Absorbance, Concentration, Scanning • Optical System Referenc e beam, spectral • Photometric Accuracy 5 mAbs @ 0.0 - 0.5 Abs 1 % at 0.50 - 2.0 Abs • Photometric Linearity < 0.5 % - 2 Abs • Photometric Linearity 2 ≤ 0.01 % at >2 Abs with neutral glass at 546 nm • Photometric Measuring Range ± 3.0 Abs (wavelength range 340 - 900 nm)						

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
		• Power Requirements: 110-240 VAC, 50/60 Hz (Benchtop power supply) • Pre-programmed Methods > 240 • Sample Cell Compatibility Rectangular: 10, 50 mm, 1 inch; round: 13 mm, 16 mm, 1 inch • Scanning Speed > 8 nm/S (in steps of 1 nm) • Source Lamp Gas-filled Tungsten (visible) • Specific Technology RFID for easy method update, sample ID and						

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
		Certificate of Analysis • Spectral Bandwidth 5 nm • Storage Conditions -30 - 60 °C (-22 - 140 °F), max. 80% relative humidity (non-condensing) • Stray Light < 0.1% T at 340 nm with NaNO₂ • User Interface Languages Bulgarian, Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, Italian, and more • User Programs 100 • Wavelength Accuracy ± 1.5 nm						

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
		(wavelength range 340 - 900 nm) • Wavelength Calibration Automatic • Wavelength Range 320 - 1100 nm • Wavelength Reproducibility ± 0.1 • Wavelength Resolution 1 • Wavelength Selection: Automatic, based on method selection • Measuring COD in g/L or mg/L						
O2	Start-up Kits	To include the following kits:	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
		• 2 x Chemical Oxygen demand (Low range 15 – 160 mg;/l “or approved equivalent” • 2 x Chemical Oxygen demand (Medium range 100 – 1500 mg;/l or equivalent) • 2 x Chemical Oxygen demand (High range 1 - 15.0 g/l “or approved equivalent”						
	TOTAL FOR SECTION O (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION P: ANALYTICAL BALANCES

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
P1.	Analytical Balance	• Should take a Capacity: 0g – 500g Accuracy: 0,001g (1mg) • The body pc alloy materials should be hard and durable • Pan should be made of high-quality stainless steel with SUS304, simple and fluency • Should have Large Screen LCD display, backlight should be soft	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
		and easy to read • Should have features of easy counting weighing mode, easy to operate • Equipped with the unit g, mg, kg, ct, oz etc. and other international units • Full range taring function • Wireless and Bluetooth transmission (option) • Capacity 0g-500g • Accuracy 0.001g (1mg)						
P2.	Precision Balance	• Display LCD with black-light • Power 220 VAC	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- ANCE COSTS FOR YEAR 1 INCL VAT
		• Square pan size: 195mm x 195mm • Capacity 0g-3000g for HC30002X-3000g • Accuracy 0.01g(10mg) • Linearity error: $\pm 0.3g / \pm 0.03g$ • Auto-calibration (external calibration) • Unit: g, ct, oz, dwt, t, g, etc • Overload indication						
	TOTAL FOR SECTION P (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION Q: COLORIMETERS**NOTE:**

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
Q1	Monochloramine and Free Ammonia Pocket Colorimeter	• Display Type LCD • Light Source LED • Detector Type Silicon Photodiode • Wavelength(s) (nm)Fixed • Absorbance Accuracy$\pm$2 nm • Test Parameters Ammonia and Monochloramine • Min Operating Temperature ($^{\circ}$ F)32 • Max Operating Temperature ($^{\circ}$ F)122	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
		• Min Operating Temperature (°C)0 • Max Operating Temperature (°C)50 • Waterproof Yes • Data Logging 50 measurements • Battery to be included • Length (cm)15.7 Width (cm)6.9 Height (cm)3.4 • Warranty of 1 year						
Q2.	Free and Total Chlorine Colorimeter	• Portable • Water resistant • Battery powered • DPD measurement method • Digital display • Sample cell 10ml • Cal-check	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTEN- NANCE COSTS FOR YEAR 1 INCL VAT
		• Calibration or verification standards • Recall last measurement • Auto shut-off • Estimate price R10000-15000 • Wavelength 528 ±2nm • Batteries to be included						
	TOTAL FOR SECTION Q (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

SECTION R: METHANE GAS METER

NOTE:

SERVICE PROVIDER/S MUST COMPLETE ALL ITEMS WITHIN THE SELECTED SECTION/S IN FULL. FAILURE TO DO SO SHALL RENDER THE SPECIFIC SECTION NON-RESPONSIVE, THEREFORE THE SERVICE PROVIDER WILL NOT BE CONSIDERED FOR EVALUATION IN THAT SECTION

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 INCL VAT
R1	Portable multi gas detector – 4 gases (including methane gas)	Gases Detected (At Minimum) • Methane (CH₄) – Combustible gas sensor (LEL%) • Oxygen (O₂) – 0–25% vol • Carbon Monoxide (CO) – 0–500 ppm • Hydrogen Sulfide (H₂S) – 0–100 ppm	1		R	R	R	R

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 INCL VAT
		Sensor Type - Catalytic bead or Infrared (IR) sensor for CH₄ (LEL detection) - Electrochemical sensors for CO, O₂, and H₂S Measuring Range & Accuracy - Methane (CH₄): 0–100% LEL (Lower Explosive Limit) - Alarm should trigger at 10% LEL (industry standard) - Oxygen (O₂): 0–25% (Alarm at <19.5% or >23.5%)						

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 INCL VAT
		- Carbon Monoxide (CO): 0–500 ppm - Hydrogen Sulfide (H₂S): 0–100 ppm Response Time (T90 Time) ≤15 seconds for accurate readings in real-time Alarms & Alerts - Audible (≥95 dB) - Visual (Flashing LED, Display Warning) - Vibration (for noisy environments)						

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 INCL VAT
		Display & User Interface • Large, backlit LCD or OLED screen • Real-time gas concentration readings • Battery status indicator Battery & Power • Rechargeable Lithium-ion battery (12+ hours runtime) • Backup alkaline battery option (if applicable) Durability & Safety Ratings						

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 INCL VAT
		• IP65 or higher (Waterproof & Dustproof) • Intrinsically Safe (ATEX, UL, or IECEx certified) for hazardous environments • Drop-resistant (minimum 1.5m drop test) Pump vs. Diffusion Type • Diffusion type (for personal monitoring) • Pump model (for sampling confined spaces before entry) Data Logging & Connectivity						

ITEM NUM- BER	ITEM NAME	SPECIFICATIONS	QUAN- TITY	MODEL QUOTED	UNIT COST (EXCLUDING VAT)	UNIT COST (INCLUDING VAT)	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 EXCL VAT	PREVEN- TATIVE MAINTENANCE COSTS FOR YEAR 1 INCL VAT
		- Built-in data logging (stores at least 30 days of readings) - USB/Bluetooth connectivity (optional for remote monitoring)						
R2	Additional consumables (please list and price additionally eg. Sampling line, probe, additional sensors, etc)		1		R	R	R	R
	TOTAL FOR SECTION R (For Evaluation Purposes)				R	R	R	R

***Maintenance costs should include labour, transport and standard spare parts (Please indicate Excluding or Including VAT)**

TABLE 3: TOTAL COST OF SECTIONS

SECTION	TOTAL COST OF SECTION (EXCLUDING VAT)	TOTAL COST OF SECTION (INCLUDING VAT)
Section A	R	R
Section B	R	R
Section C	R	R
Section D	R	R
Section E	R	R
Section F	R	R
Section G	R	R
Section H	R	R
Section I	R	R
Section J	R	R
Section K	R	R
Section L	R	R
Section M	R	R
Section N	R	R
Section O	R	R
Section P	R	R
Section Q	R	R
Section R	R	R

GRAND TOTAL (For evaluation purposes only)	R	R
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NB: Total amount for evaluation purposes only.

NB: If the service provider/s is a VAT Vendor, they must complete the pricing schedule indicating the price including VAT

OR

If the service provider/s is not registered as a VAT Vendor, they must complete the pricing schedule indicating the price excluding VAT.

Name of Service Provider:
.....

Date:

Signature: Position: