

BIL	Quotation Reference	Description	Advertisement Date	Closing Date (Not Later Than 02.00PM)	Quotation Fee	Requesting Department	Focal Person
1	DSS/FS/PROC/B50K/2024-2025/009(FOR)	<p>TO SUPPLY, DELIVER, INSTALL AND COMMISSION TWO (2) UNITS DRY BLOCK HEATER FOR FORENSIC BIOLOGY LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH</p> <p>PLACE OF SUBMISSION: QUOTATION BOX (GROUND FLOOR) MINISTRY OF HEALTH COMMONWEALTH DRIVE BANDAR SERI BEGAWAN, BB 3910 NEGARA BRUNEI DARUSSALAM</p>	23/01/2025	08/02/2025	\$5.00	JABATAN PERKHIDMATAN SAINTIFIK KEMENTERIAN KESIHATAN.	<p>VIANALIZA ABD RAJAK / NURAMALINA SAWAL</p> <p>FORENSIC BIOLOGY SECTION</p> <p>TEL: 2382424 ext. 6079</p>

EQUIPMENT PURCHASE SPECIFICATION

TITLE OF TENDER/QUOTATION	TO SUPPLY, DELIVER, INSTALL AND COMMISSION TWO (2) UNITS DRY BLOCK HEATER FOR FORENSIC BIOLOGY LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH
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NAME OF ITEM	TWO (2) UNITS OF DRY BLOCK HEATER
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NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick <input type="checkbox"/>) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
1.0	GENERAL				
1.1	Tenderer is to supply TWO (2) UNITS Dry Block Heater consist of: <ul style="list-style-type: none"> • Digital block heater • 96-well dry block 				
2.0	DIGITAL BLOCK HEATER				
2.1	Can accommodate two (2) 96-well dry blocks.				
2.3	Heating temperature range: +5° to 120 °C				
2.4	Adjustable temperature up to 120°C.				
2.5	Temperature and heating time display.				

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2.6	Able to connect external temperature sensor.				
2.7	PT 1000 variation; DIN EN 60751 Kl. A (K): $\leq \pm (0.15 + 0.002 \times T)$				
2.8	Temperature stability within the blocks at 37°C: $\pm 0.2^\circ\text{C}$				
2.9	Temperature stability within the blocks at 60°C: $\pm 0.4^\circ\text{C}$				
2.10	Temperature homogeneity @ 37°C (K): 0.2 K				
2.11	Temperature homogeneity @ 60°C (K): 0.4 K				
2.12	Heating rate/ Heat up time with external sensor (K/min) should be at least 4.5 K/min.				
2.15	Safety circuit if temperature exceeds 150°C.				
2.16	Adjustable countdown timer from at least 1 min.				
2.20	Permissible relative humidity (%): 80%				
2.21	Protection class according to DIN EN 60529: IP 21				
3.0	<u>96-WELL DRY BLOCK</u>				
3.1	Fits 0.2 ml tubes				
3.2	Material: Anodized aluminium				
3.3	Pore size: 6.4mm				
3.4	Hole depth: 15.5 mm				

4.0	<u>DOCUMENTATION & CERTIFICATION</u>				
4.1	Operation manual (1 original and 1 copy).				
4.2	Instrument must be certified and manufactured to ISO9001 standards.				
4.3	Temperatures must be calibrated to standards traceable to NIST.				
5.0	<u>SITE PREPARATION</u>				
5.1	All electrical and electronic components in the system must be able to utilise mains power supply of 220 – 240 V AC, 50 – 60 Hz. Otherwise, tenderer to include additional items or works required to ensure successful operation.				
6.0	<u>TRAINING</u>				
6.1	Training shall be included as follows:				
6.2	On-site training for all staff members.				
6.3	Certificate of competence is to be issued to all trainees after completion of training.				
7.0	<u>WARRANTY & PREVENTATIVE MAINTENANCE</u>				
7.1	A minimum of one (1) year warranty for manufacturer's defect on the hardware, software and all cost of repairs and/or replacements should be included.				
7.2	After-sales services must be provided for the product after one (1) year.				

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7.3	<p>One-off preventive maintenance to be carried out just before or soon after the one-year warranty period. Scope of work to follow manufacturer's manual / recommendation specific for the equipment offered, which include:</p> <ul style="list-style-type: none"> • Supply, delivery and installation of preventive maintenance kits and/or consumables • Software update (to obtain prior authorization from user and BME) • Inspection • Cleaning • Alignment • Calibration • Any other related preventive maintenance works required 				
8.0	<u>DELIVERY</u>				
8.1	<p>Items offered MUST be delivered within _____ from date of approval (Vendor to indicate the delivery period)</p>				
9.0	<u>PRICE VALIDITY</u>				
9.1	<p>Price validity MUST NOT BE LESS THAN 90 days or three (3) months.</p>				
					<u>TOTAL PRICE (\$)</u>

No.	GENERAL SPECIFICATIONS	VENDOR'S OFFER
A	Total Price: B\$	
B	Delivery Period:	
C	Model & Brand:	
D	Country of Origin:	(leave blank)
E	Where marketed:	
F	Year of Manufacture:	
G	Warranty:	
H	Power Requirement:	
I	Battery Back-up:	
J	International Safety Standard:	
K	Technical Support:	
L	Equipment Whole Life Support:	
M	Dimensions (WxHxD) cm:	
N	User Manuals:	

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No.	GENERAL SPECIFICATIONS	VENDOR'S OFFER
O	Service Manuals:	
P	Spare-parts & Consumables Listing:	
Q	Technical Training On-Site:	
R	Site Requirements:	

*To all participating companies, please fill in the table above along with your other documents during submission of tender.

Bahagian/Unit	Forensic Biology Section		
Bil. Rujukan Bahagian/Unit:	DSS/FOR/PR/2024/11		
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