

EQUIPMENT PURCHASE SPECIFICATION

FOR BME REPRESENTATIVE USE ONLY	
Approved By	Name : Zaenul Rosli
	Signature :
Date	15/9/2026

TITLE OF TENDER/QUOTATION	TO SUPPLY, DELIVER, INSTALL, TEST AND COMMISSION ONE (1) UNIT OF POLYMERASE CHAIN REACTION CABINET FOR FORENSIC BIOLOGY LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH.
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TENDER REFERENCE NO.	
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NAME OF ITEM	POLYMERASE CHAIN REACTION CABINET
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NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick ✓) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
1	<u>GENERAL</u>				
1.1	One (1) unit of Polymerase Chain Reaction (PCR) cabinet used for reagent and sample preparation to minimise contamination.				
2	<u>PRODUCT SPECIFICATIONS</u>				
2.1	External dimensions (approximately): Width: 730mm Depth: 620mm Height: 950mm				
2.2	Laminar Airflow velocity: 0.30 m/s				

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2.3	Pre-filter: Washable polyurethane fibers with 85% arrestance				
2.4	HEPA filter: > 99.99% efficiency at 0.3 microns				
2.5	LED lamp intensity: > 800 Lux				
2.6	UV lamp: 253.7 nanometer 15-watt UV lamp with adjustable UV decontamination timer.				
2.7	UV-filtering polycarbonate front and glass sides - shields the user from accidental UV exposure.				
2.8	Working zone: stainless steel grade 304				
3.0	Provide ISO Class 3 air cleanliness within the work zone				
3	<u>ACCESSORIES</u>				
3.1	Support stand with caster wheels				
3.2	One (1) unit of high-bench laboratory chair with backrest				
4	<u>ELECTRICAL REQUIREMENTS</u>				
4.1	Must be able to utilise mains power supply of 220 – 240 V AC, 50 – 60 Hz. Otherwise, tenderer to include the necessary arrangements to ensure appropriate power supply required by the equipment.				
5	<u>SITE PREPARATION</u>				
5.1	It is MANDATORY for the tenderer to do site visit prior to tender submission to ensure equipment				

	can be successfully placed in intended location as well as considering accessibility for delivery (doors and service elevator access). Should any access doors require temporary dismantling, vendor to provide the labour service. Non-attendance will be considered as non-compliance.				
5.2	All works involving additional electrical supply including wiring, outlets and isolators and any others, deemed necessary to ensure safe and successful installation and operation of the complete system should be included.				
5.3	Relocation of existing unit to be replaced to a location. (to be identified during site visit)				
5.4	Decontamination service of existing unit to be replaced before removal. (to be identified during site visit)				
6	<u>TRAINING</u>				
6.1	On-site familiarisation for end-user(s).				
7	<u>WARRANTY</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				
7.3	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:				

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	- 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	<u>DELIVERY</u> Items offered MUST be delivered within _____ from date of approval. (Vendor to indicate the delivery period.)				
9	<u>PRICE VALIDITY</u> Price validity MUST NOT BE LESS THAN nine (9) months.				
<u>TOTAL PRICE (\$)</u>					

No.	GENERAL SPECIFICATIONS*	VENDOR'S OFFER
A	Total Price: B\$	
B	Delivery Period:	
C	Model & Brand:	
D	Country of Origin:	

No.	GENERAL SPECIFICATIONS*	VENDOR'S OFFER
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:	
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.

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Bahagian/Unit/Makmal :	Makmal Forensik Biologi		
Bil. Rujukan Bahagian/Unit/Makmal :	DSS/FOR/PR/2026/07		
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