

EQUIPMENT PURCHASE SPECIFICATION

FOR BME REPRESENTATIVE USE ONLY	
Approved By	Name : Zaenul Rosli
	Signature : 
Date	30/9/2026

TITLE OF TENDER/QUOTATION	TO SUPPLY, DELIVER, INSTALL, TEST AND COMMISSION TWO (2) UNITS OF SAMPLE CONCENTRATOR FOR TOXICOLOGY LABORATORY , DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH.
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TENDER REFERENCE NO.	DSS/FS/PROC/B50K/2026-2027/038(TOX)
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NAME OF ITEM	SAMPLE CONCENTRATOR
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NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick v) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
1.0	<u>Sample Concentrator</u>				
1.1	Sample capacity 2 Standard block				
1.2	Table top				
1.3	Heating speed (40 °C to 150 °C): ≤ 30 min				
1.4	Temperature setting range: 5°C ~ 150°C				
1.5	Temperature stability (40 °C ~ 100 °C); ± 0.5 °C				

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1.6	Temperature stability (100 °C ~ 150 °C): ± 1 °C				
1.7	Block temperature uniformity (100 °C): ± 0.5 °C				
1.8	Block temperature uniformity (150 °C): ± 1 °C				
1.9	Temperature display accuracy: 0.1 °C				
1.10	Needle length 150 mm				
1.11	Nitrogen Pressure : ≤ 0.1 MPa /				
1.12	Flow rate: 0 ~ 10 L / min				
1.11	To utilise nitrogen gas blowing the surface to accelerate liquid evaporation and sample concentration.				
1.12	Able to connect to existing nitrogen generator system. Brand: LNI Model: NGA CASTORE XL iQ				
2.0	<u>Electrical Requirements</u>				
2.1	All electrical and electronic components in the system must be able to utilize mains power supply of 220-240V, 50 – 60 Hz, Power 400 W. Otherwise, vendor to include additional items or works required to ensure successful operation				
3.0	<u>Accessories</u>				
3.1	1 unit of Gas control valve to control the Nitrogen flow				

3.1	2 units of standard block per unit of sample concentrator (A total of 4 units of standard block); • 16mm X 12 (10ml/15ml Tube). • Hole Diameter 16.5mm. • Hole bottom shape: Round bottom. • Dimension block approximately 95.5 x 76.5 x 50mm				
3.2	2 unit of Non-mercury digital Thermometers to monitor sample concentrator temperatures. Includes features of minimum, maximum temperature and NIST-Traceable certificate. Temperature range is between 0° to 100°C. (1 each per 1 unit of sample concentrator)				
4.0	<u>Site Preparation</u>				
4.1	It is <u>MANDATORY</u> for the tenderer to do site visit prior to tender submission to discuss site requirements. Non-attendance will be considered as non-compliance. Proof of attendance is needed to be attached together when submitting the tender. Tenderer shall ensure that the site preparation for the placement of the system taking into the consideration on the safety of the end user during the operation of the instrument. The site preparation needed for the successful installation and operation of the system should include the following where applicable, but not limited to: - Electrical systems - Gas pipings				

	c) Any other deemed necessary to ensure successful and safe installation and operation of the system should be included. The site preparation details should be listed out in the quotation / document submitted				
5.0	<u>WARRANTY</u>				
5.1	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				
5.2	After-sales services and technical support shall continue to be provided by the vendor beyond the warranty period.				
5.3	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: • 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				
6.0	<u>DELIVERY</u> Items offered MUST be delivered within 12 weeks from date of approval.				

	(Vendor to indicate the delivery period.)				
7.0	PRICE VALIDITY Price validity MUST NOT BE NOT BE LESS THAN 6 Months.				
TOTAL PRICE (\$)					

No.	GENERAL SPECIFICATIONS*	VENDOR'S OFFER
A	Total Price: B\$	
B	Delivery Period:	
C	Model & Brand:	
D	Country of Origin:	
E	Where marketed:	
F	Year of Manufacture:	
G	Warranty:	
H	Power Requirement:	
I	Battery Back-up:	

No.	GENERAL SPECIFICATIONS*	VENDOR'S OFFER
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.

Bahagian/Unit/Makmal :	TOXICOLOGY LABORATORY		
Bil. Rujukan Bahagian/Unit/Makmal :	DSS/TOX/PR/2026/B50K/004		
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