

EQUIPMENT PURCHASE SPECIFICATION

TITLE OF TENDER/QUOTATION	TO SUPPLY, DELIVER, INSTALL AND COMMISSION ONE COMPLETE BARCODE PRINTING SYSTEM FOR ILLICIT DRUGS LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH.
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TENDER REFERENCE NO.	DSS/FS/PROC/B50K/2025-2026/006(ILD)
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NAME OF ITEM	BARCODE PRINTING SYSTEM
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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	GENERAL:				
1.1	One complete barcode printing system capable of generating and printing 1D and 2D barcodes (e.g., QR Code, Data Matrix) for use in sample inventory management inclusive of:				
	a. Barcode printer				
	b. Label design software				
	c. Barcode scanner				
	d. Consumables				
	e. Peripherals				

2	<u>BARCODE PRINTER</u>				
2.1	Print Technology: Thermal Transfer / Direct Thermal				
2.2	Resolution: At least 200 dpi				
2.3	Supported 1D Barcodes: Code 128, Code 39, EAN, UPC or equivalent.				
2.4	Supported 2D Barcodes: QR Code, Data Matrix, PDF417, Aztec or equivalent.				
2.5	Interface: Any of USB, Ethernet, Serial. Optional Wi-Fi/Bluetooth				
2.6	Control Panel: Digital display for configuration and status				
3	<u>LABEL DESIGN SOFTWARE</u>				
3.1	Vendor to provide a dedicated and compatible software to generate 1D and 2D barcode.				
4	<u>BARCODE SCANNER</u>				
4.1	Vendor must provide 2 units of compatible scanner for 1D and 2D barcode.				
5	<u>CONSUMABLES</u>				
5.1	8 rolls of Polypropylene adhesive label fit for a 2 mL glass vial.				
5.2	8 rolls of Polypropylene adhesive label fit for a standard glass test tube.				
5.3	3 sets of compatible printer ribbon.				

6	<u>PERIPHERALS</u>				
6.1	<p>Vendor must supply one (1) set of compatible complete working workstation with minimum configuration of:</p> <ul style="list-style-type: none"> a. Processor: Intel Core i5 equivalent or better. b. RAM: 16 GB or better, c. Storage: SSD 256 GB or better. d. Display: 27" or better e. Latest and compatible Windows operating system. f. Original Microsoft office application. 				
7	<u>TRAINING</u>				
7.1	On-site training for ALL staff members expected to handle the machine. Please ensure that adequate time is allocated such that training will take place in small groups to minimize staff shortage in the laboratory.				
8	<u>WARRANTY</u>				
8.1	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				
8.2	After-sales services must be provided for the product after one (1) year				
9.0	<u>ELECTRICAL REQUIREMENTS:</u> 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.				
10	<u>DELIVERY</u> Items offered MUST be delivered within _____ from date of approval. (Vendor to indicate the delivery period.)				
11	<u>PRICE VALIDITY</u> Price validity MUST NOT BE LESS THAN 180 days or six (6) 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:	
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:	

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/Makmal :	ILLCIT DRUGS LABORATORY		
Bil. Rujukan Bahagian/Unit/Makmal :	ILD/PROC/B50K/2502		
Pegawai dirujuk :	Nama :	PG MOHD HELMY BIN PG HAJI RABAHA	
	E-mail :	HELMY.RABAHA@MOH.GOV.BN	
	Tel.No.:	2384213	Fax No. : 2381946