

BIL	Quotation Reference	Description	Advertisement Date	Closing Date (Not Later Than 02.00PM)	Quotation Fee	Requesting Department	Focal Person
1	PPM/PROC/2024/<50K/010(QAPSU)-IK	<p><b>SUPPLY AND DELIVER DIGITAL THERMOMETERS AND THERMOHYGROMETERS FOR QUALITY ASSURANCE AND PATIENT SAFETY UNIT, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH. (CLUSTERING)</b></p> <p><u>PLACE OF SUBMISSION:</u>                      QUOTATION BOX (GROUND FLOOR)                      MINISTRY OF HEALTH                      COMMONWEALTH DRIVE                      BANDAR SERI BEGAWAN, BB 3910                      NEGARA BRUNEI DARUSSALAM</p>	25/06/2024	13/07/2024	\$5.00	JABATAN PERKHIDMATAN MAKMAL, KEMENTERIAN KESIHATAN.	NURILAH MD YANIE QUALITY ASSURANCE AND PATIENT SAFETY TEL: 2242424 ext. 6354

**EQUIPMENT PURCHASE SPECIFICATION**

<b>QUOTATION /TENDER REFERENCE NO.</b>	
<b>TITLE OF QUOTATION / TENDER</b>	TO SUPPLY AND DELIVER DIGITAL THERMOMETERS AND THERMOHYGROMETERS FOR QUALITY ASSURANCE AND PATIENT SAFETY UNIT DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH. (CLUSTERING)

NO.	USER'S REQUIREMENT		VENDOR'S OFFER			
	ITEM DESCRIPTIONS AND SPECIFICATIONS	QUANTITY	ITEM DESCRIPTIONS AND SPECIFICATIONS	COMPLY / NOT COMPLY	COST PER UNIT (B\$)	TOTAL COSTS (B\$)
1	<b>Digital thermometer (Freezer)</b>	30 units				
	The temperature ranges cover between (-100 to +0°C)					
	Temperature Unit: °C					
	Display maximum, minimum, and current temperatures					
	Accuracy <±0.5 °C					
	Resolution:0.1 °C					
	Probe type: Type K Thermocouple					
	Cable length: >48in					
	Cable is robust and able to withstand very low temperatures and the constant opening and closing of the equipment door.					
	Low battery indication					

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	<p>Calibration of thermometer is calibrated by an ISO17025 accredited laboratory, showing metrological traceability to the SI Unit, with certificate of calibration per unit of thermometer. The point of calibration is as follow:</p> <ul style="list-style-type: none"> <li>• Fourteen (14) units of thermometer are calibrated at -20 °C</li> <li>• Fourteen (14) units are calibrated at -70 °C</li> <li>• Two (2) units of thermometers are calibrated at -20 and -70 °C</li> </ul>					
	Thermometer uses either AA or AAA alkaline battery and shall be supplied together with the thermometer.					
	Switch from °F to °C at the touch of a button					
	Waterproof to seal out moisture, stops dirt, dust, fumes, and water.					
	Warranty of equipment = 6 months after delivery					

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	All costs incurred for the supply and delivery of thermometer will be borne by the successful vendor.					
<b>2</b>	<b>Digital Thermometer (long probe)</b>	6 units				
	The temperature ranges cover between (0 to +95°C)					
	Temperature Unit: °C					
	Display maximum, minimum, and current temperatures					
	Accuracy <±0.1 °C					
	Resolution: 0.01 °C					
	Probe type: Platinum Probe (length > 7 inches stem)					
	Cable length: >5ft					
	Cable is robust and able to withstand high temperatures.					
	Low battery indication					
	Calibration of thermometer is calibrated by an ISO17025 accredited laboratory, showing metrological traceability to the SI Unit, with certificate of calibration per unit of thermometer. The point of calibration is as follow:					



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	<ul style="list-style-type: none"> <li>Two (2) units of thermometer are calibrated at 20°C and 37°C</li> <li>Four (4) units are calibrated at 20°C</li> </ul>					
	Thermometer uses either AA or AAA alkaline battery and shall be supplied together with the thermometer.					
	Warranty of equipment = 6 months after delivery					
	All costs incurred for the supply and delivery of thermometer will be borne by the successful vendor.					
<b>3</b>	<b>Digital Thermometer (Bottle Sensor)</b>		40 units			
	The temperature ranges cover between (0 to +50°C)					
	Temperature Unit: °C					
	Display maximum, minimum, and current temperatures					
	Accuracy <math>\pm 0.5^\circ\text{C}</math>					
	Resolution: 0.1 °C					
	Probe type: Sensor in glycol solution					

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	ITEM DESCRIPTIONS AND SPECIFICATIONS	QUANTITY	ITEM DESCRIPTIONS AND SPECIFICATIONS	COMPLY / NOT COMPLY	COST PER UNIT (B\$)	TOTAL COSTS (B\$)
	Cable length: >10ft					
	Cable is robust and able to withstand low temperatures and the constant opening and closing of the equipment door.					
	Low battery indication					
	<p>Calibration of thermometer is calibrated by an ISO17025 accredited laboratory, showing metrological traceability to the SI Unit, with certificate of calibration per unit of thermometer. The point of calibration is as follow:</p> <ul style="list-style-type: none"> <li>• Thirty (33) units of thermometer are calibrated at 4°C</li> <li>• Five (5) units of thermometer are calibrated at 37°C</li> <li>• Five (2) units of thermometer are calibrated at 20°C</li> </ul>					
	Thermometer uses either AA or AAA alkaline battery and shall be supplied together with the thermometer.					
	Warranty of equipment = 6 months after delivery					

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	All costs incurred for the supply and delivery of reagents and consumables will be borne by the successful vendor.					
<b>4</b>	<b>Digital Thermo-Hygrometer</b>	15 units				
	Display both relative humidity (RH) and room temperatures. (Capturing current, minimum and maximum for relative humidity and temperatures)					
	Relative humidity: <ul style="list-style-type: none"> <li>• Unit: %RH</li> <li>• RH range should cover from 1% to 99%</li> <li>• RH resolution: 1%</li> <li>• RH accuracy &lt;math&gt;\lt; \pm 5\%&lt;/math&gt;</li> </ul>					
	Temperature: <ul style="list-style-type: none"> <li>• Unit: °C</li> <li>• Temperature range should cover from 0 to 40 °C</li> <li>• Resolution: 0.1 °C</li> <li>• Accuracy &lt;math&gt;\lt; \pm 1\%&lt;/math&gt;</li> </ul>					
	No cable is required, the sensor is placed internally					

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	Handheld and can be mounted on the wall/door of freezer (either magnetic or velcro attachment)					
	Low battery indication					
	All units of thermometer is calibrated by an ISO17025 accredited laboratory, showing metrological traceability to the SI Unit, with certificate of calibration per unit of thermometer. The point of calibration is as follow: <ul style="list-style-type: none"> <li>• Temperature: 20, 22, 25 °C</li> <li>• Humidity: 40, 60 &amp; 80%RH</li> </ul>					
	Thermohygrometer uses either AA or AAA alkaline battery and shall be supplied together with the thermometer.					
	Warranty of equipment = 6 months after delivery					
	All costs incurred for the supply and delivery of reagents and consumables will be borne by the successful vendor.					



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12	<b>INTERNATIONAL MARKING</b> The offered equipment shall be CE Marked or FDA approved or have equivalent international marking that is acceptable by the User.					
13	<b>SAFETY STANDARDS</b> The offered equipment shall be certified according to any international safety standards that is acceptable by the User. Please state the safety standards and submit a copy of the certificate.					
14	<b>WARRANTY</b> Vendor shall provide an extended warranty for the offered instruments up to <b>eight (8)</b> years of its life. This warranty shall cover all service works, technical support, periodic and preventive maintenance, spare parts and replacements.					
15	<b>INSTALLATION AND COMMISSIONING</b>					
15.1	Vendor shall verify the installation of offered equipment and submit to the User a copy of signed Delivery Order and a copy of user verified Installation Qualification Report.					
15.2	Vendor shall perform a performance verification upon commissioning and ensure the performance of the installed equipment is within the acceptable limit of performance or as per manufacturer's recommendations or as per User's acceptance criteria. Vendor shall submit a copy of user verified Performance Qualification Report.					

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16	<b>LITERATURE</b>					
16.1	To supply one (1) CD or one (1) set of hard copy of the Operating Manual and Service Manual including circuit diagrams of the equipment shall be provided upon commissioning.					
17**	<b>TRAINING</b> Training shall be provided, at no additional cost, as follows:					
17.1	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.					
17.2	Certificate of attendance and competence shall be issued to all trainees after completion of training.					
18	<b>DELIVERY PERIOD:</b> Preferably 4 – 8 weeks and no later than 12 weeks after issue of Purchase Order		<b>(Yes / No)</b> <b>(If No, please specify)</b>			
19	<b>PRICE VALIDITY:</b> The quotation shall remain valid for <b>6 MONTHS</b> from the final date for the submission of the quotation and no supplier may withdraw his/her quotation within that period. The Government reserves the right to extend this period if deemed necessary provided that such extension to the quotation validity period shall have written consent of the supplier(s).					

\* 6 months validity required for <\$50K or 12 months for >\$50K

\*\* (Delete whichever is not applicable)

ª Only applicable for equipment valued at >\$100K

No.	GENERAL SPECIFICATIONS	VENDOR'S OFFER
A	Model & Brand	
B	Country of Origin	
C	Total Price Per Test (CIF): B\$	
D	Price Ranking:	(leave blank)
E	Where marketed	
F	Year of Manufacture	
G	Warranty:	
H	Delivery Time:	
I	Power Requirements:	
J	Battery Back-up:	
K	International Safety Standard:	
L	Technical Support:	
M	Equipment Whole Life Support	
N	Dimensions (WxHxD) cm:	
O	Weight (kg):	
P	User Manuals	
Q	Service Manuals	
R	Spare-parts & Consumables Listing	
S	Technical Training On-Site:	
T	Site Requirements:	

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

<b>DELIVERY PERIOD AFTER PO ISSUED</b>	4-8 weeks and no longer than 12 weeks		
Lab/Section/Unit	Quality Assurance and Patient Safety		
Lab/Section/Unit Ref No.:	DLS/PU/QAPSU/2024/05-01		
Person to Contact	Name	: Nurilah Md Yanie	
	E-mail	: nurilah.yanie@moh.gov.bn	
	Tel.No.	: 2242424 ext. 6354	Fax No. : 2220869
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PPM/PROC Ref.No.	PPM/PROC/2024 / 5502/010 ( QAPSU )		
Advertisement Ref. No.		Date	: