

BIL	Quotation Reference	Description	Advertisement Date	Closing Date (Not Later Than 2.00PM)	Quotation Fee	Requesting Department	Focal Person
2	157/CPC/2022/IKLAN/ISTANA	<p><b>SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF ONE (1) UNIT OF UNDERCOUNTER PHARMACEUTICAL REFRIGERATOR FOR ISTANA NURUL IMAN CLINIC</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>	05/11/2022	19/11/2022	\$5.00	JABATAN TEKNOLOGI PENJAGAAN KESIHATAN, KEMENTERIAN KESIHATAN.	ZAENUL ARIFIEN BIN DATO PADUKA HAJI ROSLI  JURUTERA PERUBATAN HAYAT  TEL: 2382424 EXT 6122 / 6232

**UNIT TAWARAN  
KEMENTERIAN KESIHATAN  
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION, TESTING, AND COMMISSIONING OF ONE (1) UNIT OF  
UNDERCOUNTER PHARMACEUTICAL REFRIGERATOR FOR ISTANA NURUL IMAN CLINIC**

<b>SECTION I - USER REQUIREMENTS</b>	
<b>STANDARD FEATURES</b>	<ul style="list-style-type: none"> <li>• Must be suitable for the storage of vaccines and pharmaceuticals</li> <li>• Must come with an integrated temperature sensor with digital display</li> </ul>
<b>TECHNICAL SPECIFICATIONS</b>	<ul style="list-style-type: none"> <li>• Undercounter type</li> <li>• Single door</li> <li>• Lockable door</li> <li>• Door must close properly and have secure sealing</li> <li>• Control panel accessible via key (physical or password)</li> <li>• Adjustable temperature range must include 2 – 8 °C.</li> <li>• Microprocessor controlled temperature</li> <li>• Digital temperature display</li> <li>• Net capacity: between 90 – 100 litres</li> <li>• Drawer and shelf combination which are height adjustable</li> <li>• Have minimum and maximum temperature memory</li> <li>• Visual and audible alarm</li> <li>• Automatic defrosting</li> <li>• Melt water evaporation</li> <li>• Able to prevent freezing</li> <li>• All electrical and electronic components in the system must be able to utilize mains power supply of 220-240 V AC, 50-60 Hz. Otherwise, vendor to include additional items or work required to ensure successful operation</li> </ul>
<b>ACCESSORY: DIGITAL NONMERCURY THERMOMETER</b>	<ul style="list-style-type: none"> <li>• Must include four (4) units of suitable digital nonmercury thermometer to verify internal temperature of refrigerator with traceability to NIST</li> <li>• The digital nonmercury thermometer must be calibrated and include a certificate informing the user of the level of accuracy compared to a recognized standard</li> <li>• Temperature range must include 2 – 8 °C.</li> <li>• The digital display should be able to be placed outside the storage unit</li> <li>• The probe should be placed in buffered material</li> <li>• Has visual and audible alarms</li> <li>• Displays and records current, minimum and maximum temperatures</li> <li>• Accuracy: approximately +/- 0.5°C</li> <li>• Battery operated</li> </ul>

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<b>SECTION II - PROCUREMENT REQUIREMENT</b>	
<b>MODEL AND BRAND</b>	<ul style="list-style-type: none"> <li>• State Model and Brand of Equipment.</li> </ul>
<b>COUNTRY OF ORIGIN</b>	<ul style="list-style-type: none"> <li>• State Country of Origin.</li> </ul>
<b>PRICE (CIF) B\$</b>	<ul style="list-style-type: none"> <li>• State Unit and Total Price Offered.</li> </ul>
<b>WHERE MARKETED</b>	<ul style="list-style-type: none"> <li>• Specify in which other countries the equipment marketed.</li> </ul>
<b>YEAR MANUFACTURED</b>	<ul style="list-style-type: none"> <li>• State year of equipment manufactured.</li> </ul>
<b>WARRANTY</b>	<ul style="list-style-type: none"> <li>• State number of years.</li> </ul>
<b>DELIVERY TIME</b>	<ul style="list-style-type: none"> <li>• State number of weeks.</li> </ul>
<b>PRICE VALIDITY</b>	<ul style="list-style-type: none"> <li>• State number of weeks.</li> </ul>

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<b>SECTION III - TECHNICAL REQUIREMENT</b>	
<b>MAINS POWER SUPPLY</b>	<ul style="list-style-type: none"> <li>Mains Supply 220-240VAC 50-60Hz</li> </ul>
<b>INTERNATIONAL SAFETY STANDARD</b>	<ul style="list-style-type: none"> <li>The equipment must comply to either one of the five international safety standards, namely; US Standard (FDA), European Union CE MARK, Australian Standard TGA), Canadian Standard (CSA) or Japanese Standard (JIS).</li> </ul>
<b>TECHNICAL SUPPORT</b>	<ul style="list-style-type: none"> <li>State number of locally stationed engineers/technicians and the nearest overseas support.</li> </ul>
<b>DIMENSIONS</b>	<ul style="list-style-type: none"> <li>State overall dimensions of equipment.</li> </ul>
<b>WEIGHT</b>	<ul style="list-style-type: none"> <li>State net weight of the equipment.</li> </ul>
<b>EQUIPMENT WHOLE LIFE TIME SUPPORT</b>	<ul style="list-style-type: none"> <li>Number of years the spare parts are available after the installation of the equipment.</li> </ul>
<b>SITE REQUIREMENT</b>	<ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>BROCHURE</b>	<ul style="list-style-type: none"> <li>Tenderers must submit with their offer, a detailed brochure which supports the information the tenderer has entered in the "form-to-be-used (FORM B)" for reference.</li> </ul>
<b>USER AND SERVICE MANUALS:</b>	<ul style="list-style-type: none"> <li>Two hard copies and one soft copy [PDF FORMAT] to be submitted to BME office during commissioning.</li> </ul>
<b>SPARE-PARTS AND CONSUMABLES LISTINGS:</b>	<ul style="list-style-type: none"> <li>Comprehensive spare-parts and consumables listings in the form of softcopy must be provided. Listing must have the following details; Part Number and Part Description.</li> </ul>
<b>WARRANTY PLANNED PREVENTIVE MAINTENANCE:</b>	<ul style="list-style-type: none"> <li>Minimum of two times PPM per year during the equipment warranty, six months after the date of commissioning and at the end of warranty period.</li> </ul>
<b>TRAINING:</b>	<ul style="list-style-type: none"> <li>Tenderers are required to conduct technical training to Biomedical Engineers and Technicians.</li> </ul>
<b>ON-SITE:</b>	<ul style="list-style-type: none"> <li>Training to be conducted locally, tenderers are required to:               <ul style="list-style-type: none"> <li>Provide training materials, test equipment, demo equipments, etc.</li> <li>Provide training to two groups of technical staffs.</li> <li>Provide 2 days (minimum) of training for each group.</li> <li>Training to be conducted on the premises of the installed equipment or other locations as determined by the user</li> </ul> </li> </ul>
<b>MANUFACTURER'S PREMISES (IF REQUIRED):</b>	<ul style="list-style-type: none"> <li>Training to be conducted at the manufacturer's training premises/facilities. Tenderers are required to;               <ul style="list-style-type: none"> <li>Provide air tickets, accommodation, transportation, etc. for 2 persons</li> <li>Provide training for 2 persons.</li> <li>Minimum no of days for training – 3 days.</li> </ul> </li> </ul>

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PHARMACEUTICAL REFRIGERATOR FOR ISTANA NURUL IMAN CLINIC**

	<b>SECTION I - USER REQUIREMENT</b>	<b>YES</b>	<b>NO</b>	<b>( IF 'NO' ) Please State Alternative Offer</b>
<b>STANDARD FEATURES</b>	• Must be suitable for the storage of vaccines and pharmaceuticals			
	• Must come with an integrated temperature sensor with digital display			
<b>TECHNICAL SPECIFICATIONS</b>	• Undercounter type			
	• Single door			
	• Lockable door			
	• Door must close properly and have secure sealing			
	• Control panel accessible via key (physical or password)			
	• Adjustable temperature range must include 2 – 8 °C.			
	• Microprocessor controlled temperature			
	• Digital temperature display			
	• Net capacity: between 90 – 100 litres			
	• Drawer and shelf combination which are height adjustable			
	• Have minimum and maximum temperature memory			
	• Visual and audible alarm			
• Automatic defrosting				

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PHARMACEUTICAL REFRIGERATOR FOR ISTANA NURUL IMAN CLINIC**

	<ul style="list-style-type: none"> <li>Melt water evaporation</li> </ul>			
	<ul style="list-style-type: none"> <li>Able to prevent freezing</li> </ul>			
	<ul style="list-style-type: none"> <li>All electrical and electronic components in the system must be able to utilize mains power supply of 220-240 V AC, 50-60 Hz. Otherwise, vendor to include additional items or work required to ensure successful operation</li> </ul>			
<b>ACCESSORY: DIGITAL NONMERCURY THERMOMETER</b>	<ul style="list-style-type: none"> <li>Must include four (4) units of suitable digital nonmercury thermometer to verify internal temperature of refrigerator with traceability to NIST</li> </ul>			
	<ul style="list-style-type: none"> <li>The digital nonmercury thermometer must be calibrated and include a certificate informing the user of the level of accuracy compared to a recognized standard</li> </ul>			
	<ul style="list-style-type: none"> <li>Temperature range must include 2 – 8 °C.</li> </ul>			
	<ul style="list-style-type: none"> <li>The digital display should be able to be placed outside the storage unit</li> </ul>			
	<ul style="list-style-type: none"> <li>The probe should be placed in buffered material</li> </ul>			
	<ul style="list-style-type: none"> <li>Has visual and audible alarms</li> </ul>			
	<ul style="list-style-type: none"> <li>Displays and records current, minimum and maximum temperatures</li> </ul>			
	<ul style="list-style-type: none"> <li>Accuracy: approximately +/- 0.5°C</li> </ul>			
	<ul style="list-style-type: none"> <li>Battery operated</li> </ul>			

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<b>SECTION II - PROCUREMENT REQUIREMENT</b>			
<b>BRAND AND MODEL OF EQUIPMENT:</b>			
<b>COUNTRY OF ORIGIN:</b>			
<b>PRICE (CIF) B\$</b>	<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;"><b>UNIT PRICE (B\$ CIF):</b></td> <td style="width: 40%;"><b>TOTAL PRICE (B\$ CIF):</b></td> </tr> </table>	<b>UNIT PRICE (B\$ CIF):</b>	<b>TOTAL PRICE (B\$ CIF):</b>
<b>UNIT PRICE (B\$ CIF):</b>	<b>TOTAL PRICE (B\$ CIF):</b>		
<b>WHERE MARKETED:</b>			
<b>YEAR MANUFACTURED:</b>			
<b>WARRANTY:</b>			
<b>DELIVERY TIME:</b>			
<b>PRICE VALIDITY:</b>			

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<b>SECTION III - TECHNICAL REQUIREMENTS</b>	
<b>MAINS POWER SUPPLY</b>	
<b>BATTERY BACKUP</b>	
<b>INTERNATIONAL SAFETY STANDARD:</b>	
<b>TECHNICAL SUPPORT:</b>	
<b>DIMENSIONS (mm):</b>	
<b>WEIGHT (in Kg):</b>	
<b>EQUIPMENT WHOLE LIFE TIME SUPPORT:</b>	Number of years, spare parts are available after the installation of the equipment: _____ years.
<b>SITE REQUIREMENT</b>	



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		<b>YES</b>	<b>NO</b>
<b>BROCHURE</b>	Detailed brochure submitted?		
<b>USER MANUALS</b>	Tenderers must supply during commissioning three sets of user manuals, one set must be in the form of soft copy (PDF format).		
<b>SERVICE MANUALS</b>	Tenderers must supply during commissioning three sets of user manuals, one set must be in the form of soft copy (PDF format).		
<b>SPARE PARTS AND CONSUMABLES LISTINGS</b>	Tenderers must supply during commissioning a comprehensive list of equipment spare-parts and consumables in the form of soft copy (e.g. Microsoft EXCEL). The listing must have the following details: <ul style="list-style-type: none"> <li>• Part number</li> <li>• Part description</li> </ul>		
<b>WARRANTY PLANNED PREVENTIVE MAINTENANCE</b>	Tenderers must carry-out a minimum of two times PPM per year during the equipment warranty, starting six months after the date of commissioning.		
<b>TRAINING:</b>	Tenderers to conduct training to Biomedical Engineers and Technicians.		
	Training to be conducted locally, tenderers are required to: <ul style="list-style-type: none"> <li>• Provide training materials, test equipment, demo equipments, etc.</li> <li>• Provide training to two groups of technical staffs.</li> </ul>		

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<b>ON-SITE:</b>	<ul style="list-style-type: none"> <li>• Provide 2 days (minimum) of training for each group.</li> <li>• Training to be conducted on the premises of the installed equipment or other locations as determined by the user.</li> </ul>		
	<b>MANUFACTURER'S PREMISES (IF REQUIRED):</b>	<p>Training to be conducted at the manufacturer's training premises/facilities. Tenderers are required to;</p> <ul style="list-style-type: none"> <li>• Provide air tickets, accommodation, transportation, etc. for 2 persons.</li> <li>• Provide training for 2 persons.</li> <li>• Minimum no of days for training – 3 days.</li> </ul>	