

**UNIT TAWARAN  
KEMENTERIAN KESIHATAN  
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING FOUR (4) UNIT OF  
PHARMACEUTICAL REFRIGERATOR FOR PHARMACY SECTION**

	USER REQUIREMENT
<b>STANDARD FEATURES:</b>	<ul style="list-style-type: none"> <li>• Capacity approximately 500 – 600 Litres</li> </ul>
	<ul style="list-style-type: none"> <li>• At least 6 to 10 sliding drawers or shelves with retaining catch for neat storage of drugs; and each drawer equipped with dividers.</li> </ul>
	<ul style="list-style-type: none"> <li>• Mechanical resistance of built-in elements</li> </ul>
	<ul style="list-style-type: none"> <li>• Insulated lockable glass door for easy inspection of internal compartments</li> </ul>
	<ul style="list-style-type: none"> <li>• Temperature setting (approx.) +2°C to +8°C</li> </ul>
	<ul style="list-style-type: none"> <li>• Noise Emission: &lt; 60 dB (A)</li> </ul>
	<ul style="list-style-type: none"> <li>• CFC free coolant</li> </ul>
	<ul style="list-style-type: none"> <li>• Recirculating air cooling</li> </ul>
	<ul style="list-style-type: none"> <li>• Melt water evaporation</li> </ul>
	<ul style="list-style-type: none"> <li>• Optical and acoustic warning signal in case of temperature deviation or power failure.</li> </ul>
	<ul style="list-style-type: none"> <li>• Safety control device to prevent freezing</li> </ul>
	<ul style="list-style-type: none"> <li>• Digital temperature display</li> </ul>
	<ul style="list-style-type: none"> <li>• Rapid automatic defrosting without adverse change to the internal temperature from set limits</li> </ul>
	<ul style="list-style-type: none"> <li>• In accordance to DIN 58345 / ISO</li> </ul>
	<ul style="list-style-type: none"> <li>• Glass door ajar alarm</li> </ul>
	<ul style="list-style-type: none"> <li>• Glass door lock (at least 2 keys)</li> </ul>
	<ul style="list-style-type: none"> <li>• Glass door with plastic magnetic sealing sound</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>MUST</b> comes with uninterrupted power supply (UPS) unit</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>MUST</b> comes with internal/external max/min memory digital thermometer with alarm.                             <ul style="list-style-type: none"> <li>○ With external sensor/bottle probe</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>• Power supply – 220-240 V, 50-60 Hz</li> </ul>
	<ul style="list-style-type: none"> <li>• Minimum 1 year</li> </ul>
	<ul style="list-style-type: none"> <li>• Include delivery, installation, testing, commissioning and on-site training for users.</li> </ul>
	<ul style="list-style-type: none"> <li>• English operational manual</li> </ul>

**UNIT TAWARAN  
KEMENTERIAN KESIHATAN  
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING FOUR (4) UNIT OF  
PHARMACEUTICAL REFRIGERATOR FOR PHARMACY SECTION**

	<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>• Not more than two months.</li></ul>
<b>PRICE VALIDITY</b>	<ul style="list-style-type: none"><li>• State number of weeks.</li></ul>

**UNIT TAWARAN  
KEMENTERIAN KESIHATAN  
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING FOUR (4) UNIT OF  
PHARMACEUTICAL REFRIGERATOR FOR PHARMACY SECTION**

	<b>TECHNICAL SPECIFICATIONS/REQUIREMENTS</b>
<b>POWER REQUIREMENT:</b>	<ul style="list-style-type: none"> <li>Mains Supply 240VAC 50 Hz.</li> </ul>
<b>EQUIPMENT AMBIENT OPERATING TEMPERATURE RANGE:</b>	<ul style="list-style-type: none"> <li>State equipment ambient operating temperature range.</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 standard, namely; US FDA Standard, European Union CE MARK, Australian TGA Standard, Canadian CSA Standard or Japanese JIS Standard.</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>Supplier must guarantee spare parts are available at least for 10 years after the installation of the equipment.</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>



**UNIT TAWARAN  
KEMENTERIAN KESIHATAN  
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING FOUR (4) UNITS OF PHARMACEUTICAL REFRIGERATOR FOR PHARMACY SECTION.**

	USER REQUIREMENTS	YES	NO	( IF 'YES' ) Please state catalogue/ brochure reference
<b>STANDARD FEATURES:</b>				
	<ul style="list-style-type: none"> <li>• Capacity approximately <b>500 – 600 Litres</b></li> </ul>			
	<ul style="list-style-type: none"> <li>• At least 6 to 10 sliding drawers or shelves with retaining catch for neat storage of drugs; and each drawer equipped with dividers.</li> </ul>			
	<ul style="list-style-type: none"> <li>• Mechanical resistance of built-in elements</li> </ul>			
	<ul style="list-style-type: none"> <li>• Insulated lockable glass door for easy inspection of internal compartments</li> </ul>			
	<ul style="list-style-type: none"> <li>• Temperature setting (approx.) +2°C to +8°C</li> </ul>			
	<ul style="list-style-type: none"> <li>• Noise Emission: &lt; 60 dB (A)</li> </ul>			
	<ul style="list-style-type: none"> <li>• CFC free coolant</li> </ul>			
	<ul style="list-style-type: none"> <li>• Recirculating air cooling</li> </ul>			
	<ul style="list-style-type: none"> <li>• Melt water evaporation</li> </ul>			
	<ul style="list-style-type: none"> <li>• Optical and acoustic warning signal in case of temperature deviation or power failure.</li> </ul>			
	<ul style="list-style-type: none"> <li>• Safety control device to prevent freezing</li> </ul>			
	<ul style="list-style-type: none"> <li>• Digital temperature display</li> </ul>			
	<ul style="list-style-type: none"> <li>• Rapid automatic defrosting without adverse change to the internal temperature from set limits</li> </ul>			
	<ul style="list-style-type: none"> <li>• In accordance to DIN 58345 or ISO</li> </ul>			
	<ul style="list-style-type: none"> <li>• Glass door ajar alarm</li> </ul>			

**UNIT TAWARAN  
KEMENTERIAN KESIHATAN  
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING FOUR (4) UNITS OF PHARMACEUTICAL REFRIGERATOR FOR  
PHARMACY SECTION.**

	• Glass door lock (at least 2 keys)			
	• Glass door with plastic magnetic sealing sound			
	• <b>MUST</b> comes with uninterrupted power supply (UPS) unit			
	• <b>MUST</b> comes with internal/external max/min memory digital thermometer with alarm. <ul style="list-style-type: none"> <li>• With external sensor/bottle probe</li> </ul>			
	• Power supply – 220-240 V, 50-60 Hz			
	• Minimum 1 year			
	• Include delivery, installation, testing, commissioning and on-site training for users.			
	• English operational manual			

**UNIT TAWARAN  
KEMENTERIAN KESIHATAN  
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING FOUR (4) UNITS OF PHARMACEUTICAL REFRIGERATOR FOR PHARMACY SECTION.**

SECTION II - PROCUREMENT REQUIREMENT			
<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><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>			

**UNIT TAWARAN  
KEMENTERIAN KESIHATAN  
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING FOUR (4) UNITS OF PHARMACEUTICAL REFRIGERATOR FOR PHARMACY SECTION.**

SECTION III - TECHNICAL REQUIREMENTS	
<b>MAINS POWER SUPPLY:</b>	
<b>EQUIPMENT AMBIENT OPERATING TEMPERATURE RANGE:</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

**UNIT TAWARAN  
KEMENTERIAN KESIHATAN  
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING FOUR (4) UNITS OF PHARMACEUTICAL REFRIGERATOR FOR PHARMACY SECTION.**

		YES	NO
<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 service manuals, one set must be in the form of soft copy. (PDF Format)		
<b>SPARE-PARTS AND CONSUMABLES LISTINGS:</b>	<p>Tenderers must supply during commissioning, a comprehensive list of equipment spare-parts and consumables in the form of soft copy (e.g.: Microsoft EXCEL).</p> <p>The listing must have the following details;</p> <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>TECHNICAL TRAINING:</b>	Tenderers to conduct training to Biomedical Engineers and Technicians.		
<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 at 6<sup>th</sup> Floor, Risk Management Office, Ong Sum Ping Building.</li> </ul> </li> </ul>		