

BIL	Quotation Reference	Description	Advertisement Date	Closing Date (Not Later Than 2.00PM)	Quotation Fee	Requesting Department	Focal Person
4	44/QTN/JPK/2022	<p style="text-align: center;">SUPPLY AND DELIVERY INSTALLATION TESTING AND COMMISSIONING ONE (01) UNIT OF JAUNDICE METER FOR NEW BLOCK SILVER JUBILEE SENGKURONG HEALTH CENTRE, DEPARTMENT OF HEALTH SERVICES, MINISTRY OF HEALTH</p> <p style="text-align: center;"><u>PLACE OF SUBMISSION:</u> QUOTATION BOX (GROUND FLOOR) MINISTRY OF HEALTH COMMONWEALTH DRIVE BANDAR SERI BEGAWAN, BB 3910 NEGARA BRUNEI DARUSSALAM</p>	07/12/2022	24/12/2022	\$5.00	JABATAN PERKHIDMATAN KESIHATAN, KEMENTERIAN KESIHATAN.	<p style="text-align: center;">HAJI AMIR HISMA BIN MASRI</p> <p style="text-align: center;">JURUTERA PERUBATAN HAYAT</p>

UNIT TAWARAN
KEMENTERIAN KESIHATAN
NEGARA BRUNEI DARUSSALAM

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING ONE (01) UNIT OF
 JAUNDICE METER FOR NEW BLOCK SILVER JUBILEE SENGKURONG HEALTH CENTRE,
 DEPARTMENT OF HEALTH SERVICES, MINISTRY OF HEALTH**

	SECTION I - USER REQUIREMENT
STANDARD FEATURES:	<ul style="list-style-type: none"> • Direct reading for total serum bilirubin in mg/dL or $\mu\text{mol/L}$ • Premature baby measurable (more than 1000g) • Non-invasive • Compact & light weight • Easy operation • No disposable required • No user calibration required • Not less than 400 times measurements per fully-charged battery • Long light bulb life • Built-in checker in charger unit
Measuring method:	<ul style="list-style-type: none"> • Determines yellowness of subcutaneous tissue by using two optical paths to measure optical density difference at two wavelengths
Measuring range:	<ul style="list-style-type: none"> • 0.0 – 25.0 mg/dL or 0 – 425 $\mu\text{mol/L}$
Accuracy (σ):	<ul style="list-style-type: none"> • ± 1.5 mg/dL or ± 25.5 $\mu\text{mol/L}$
Display:	<ul style="list-style-type: none"> • LCD (back light) Figure: 3 figures Unit: mg/dL or $\mu\text{mol/L}$(changeable) Battery mark Ready lamp: green LED lit
Light source:	<ul style="list-style-type: none"> • Pulse xenon arc lamp
Light source life:	<ul style="list-style-type: none"> • Not less than 150,000 measurements
Sensors:	<ul style="list-style-type: none"> • Silicon photodiodes
Power source:	<ul style="list-style-type: none"> • Special Ni-MH battery
Possible number of Measurements:	<ul style="list-style-type: none"> • At least 400 measurements when fully charged
Other function:	<ul style="list-style-type: none"> • Averaging function
Standard accessories:	<ul style="list-style-type: none"> • Charger Unit (with a built-in checker) AC Adapter, Strap, Soft Case

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	SECTION II - PROCUREMENT REQUIREMENT
MODEL AND BRAND	<ul style="list-style-type: none"> • State Model and Brand of Equipment.
COUNTRY OF ORIGIN	<ul style="list-style-type: none"> • State Country of Origin.
PRICE (CIF) B\$	<ul style="list-style-type: none"> • State Unit and Total Price Offered.
WHERE MARKETED	<ul style="list-style-type: none"> • Specify in which other countries the equipment marketed.
YEAR MANUFACTURED	<ul style="list-style-type: none"> • State year of equipment manufactured.
WARRANTY	<ul style="list-style-type: none"> • State number of years.
DELIVERY TIME	<ul style="list-style-type: none"> • Not more than two months.
PRICE VALIDITY	<ul style="list-style-type: none"> • State number of weeks.

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	TECHNICAL SPECIFICATIONS/REQUIREMENTS
POWER REQUIREMENT:	<ul style="list-style-type: none"> • Mains Supply 240VAC 50 Hz.
EQUIPMENT AMBIENT OPERATING TEMPERATURE RANGE:	<ul style="list-style-type: none"> • State equipment ambient operating temperature range.
INTERNATIONAL SAFETY STANDARD:	<ul style="list-style-type: none"> • 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.
TECHNICAL SUPPORT:	<ul style="list-style-type: none"> • State number of locally stationed engineers/technicians and the nearest overseas support.
DIMENSIONS:	<ul style="list-style-type: none"> • State overall dimensions of equipment.
WEIGHT:	<ul style="list-style-type: none"> • State nett weight of the equipment.
EQUIPMENT WHOLE LIFE TIME SUPPORT:	<ul style="list-style-type: none"> • Supplier must guarantee spare parts are available at least for 10 years after the installation of the equipment.
BROCHURE:	<ul style="list-style-type: none"> • 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.
USER AND SERVICE MANUALS:	<ul style="list-style-type: none"> • Two hard copies and one soft copy [PDF FORMAT] to be submitted to BME office during commissioning.

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SPARE-PARTS AND CONSUMABLES LISTINGS:	<ul style="list-style-type: none"> 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.
WARRANTY PLANNED PREVENTIVE MAINTENANCE:	<ul style="list-style-type: none"> 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.
TRAINING:	<ul style="list-style-type: none"> Tenderers are required to conduct technical training to Biomedical Engineers and Technicians.

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SILVER JUBILEE SENGKURONG HEALTH CENTRE, DEPARTMENT OF HEALTH SERVICES, MINISTRY OF HEALTH**

	USER REQUIREMENTS	YES	NO	(IF 'YES') Please state catalogue/ brochure reference no.
STANDARD FEATURES:				
	<ul style="list-style-type: none"> • Direct reading for total serum bilirubin in mg/dL or $\mu\text{mol/L}$ 			
	<ul style="list-style-type: none"> • Premature baby measurable (more than 1000g) 			
	<ul style="list-style-type: none"> • Non-invasive 			
	<ul style="list-style-type: none"> • Compact & light weight 			
	<ul style="list-style-type: none"> • Easy operation 			
	<ul style="list-style-type: none"> • No disposable required 			
	<ul style="list-style-type: none"> • No user calibration required 			
	<ul style="list-style-type: none"> • Not less than 400 times measurements per fully-charged battery 			
	<ul style="list-style-type: none"> • Long light bulb life 			
	<ul style="list-style-type: none"> • Built-in checker in charger unit 			
Measuring method:	<ul style="list-style-type: none"> • Determines yellowness of subcutaneous tissue by using two optical paths to measure optical density difference at two wavelengths 			
Measuring range:	<ul style="list-style-type: none"> • 0.0 – 25.0 mg/dL or 0 – 425 $\mu\text{mol/L}$ 			
Accuracy (σ):	<ul style="list-style-type: none"> • ± 1.5 mg/dL or ± 25.5 $\mu\text{mol/L}$ 			
Display:	<ul style="list-style-type: none"> • LCD (back light) Figure: 3 figures Unit: mg/dL or $\mu\text{mol/L}$(changeable) Battery mark Ready lamp: green LED lit 			

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Light source:	• Pulse xenon arc lamp			
Light source life:	• Not less than 150,000 measurements			
Sensors:	• Silicon photodiodes			
Power source:	• Special Ni-MH battery			
Possible number of Measurements:	• At least 400 measurements when fully charged			
Other function:	• Averaging function			
Standard accessories:	• Charger Unit (with a built-in checker) AC Adapter, Strap, Soft Case			

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

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SECTION III - TECHNICAL REQUIREMENTS	
MAINS POWER SUPPLY:	
EQUIPMENT AMBIENT OPERATING TEMPERATURE RANGE:	
BATTERY BACKUP:	
INTERNATIONAL SAFETY STANDARD:	
TECHNICAL SUPPORT:	
DIMENSIONS (mm):	
WEIGHT (in kg):	
EQUIPMENT WHOLE LIFE TIME SUPPORT:	Number of years, spare parts are available after the installation of the equipment: _____ years

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		YES	NO
BROCHURE:	Detailed brochure submitted?		
USER MANUALS:	Tenderers must supply during commissioning, three sets of user manuals, one set must be in the form of soft copy. (PDF Format)		
SERVICE MANUALS:	Tenderers must supply during commissioning, three sets of service manuals, one set must be in the form of soft copy. (PDF Format).		
SPARE-PARTS AND CONSUMABLES LISTINGS:	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"> • Part Number • Part Description 		
WARRANTY PLANNED PREVENTIVE MAINTENANCE:	Tenderers must carry-out a minimum of two times PPM per year during the equipment warranty, starting six months after the date of commissioning.		
TRAINING:	<ul style="list-style-type: none"> • Tenderers are required to conduct technical training to Biomedical Engineer and Technicians 		