

REFERENCE OF TENDER	DESCRIPTION OF TENDER	TIME PERIOD OF TENDER	DEPARTMENT/DIVISION/UNIT REQUESTING TENDER	FEES	CLOSING DATE NOT LATER THAN 2.00PM	FOCAL PERSON
KK/172/2024/TUT	SUPPLY, DELIVERY, INSTALATION AND COMMISSIONING OF ONE (1) UNIT OPTICAL BIOMETRY DEVICE FOR OPHTHALMOLOGY CLINIC, PENGIRAN MUDA MAHKOTA PENGIRAN MUDA HAJI AL-MUHTADEE BILLAH HOSPITAL, MINISTRY OF HEALTH	-	PMMPMHAMB HOSPITAL TUTONG	\$10.00	27 TH AUG 2024	<p>Hjh Nur Aqilah binti Haji Ismail Biomedical Engineer Healthcare Technology Department Ministry of Health Negara Brunei Darussalam Contact No: 4221010 ext 517 email: nuraqilah.ismail@moh.gov.bn</p>

NOMBOR TAWARAN: KK/172/2024/TUT

**KEMENTERIAN KESIHATAN
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALATION AND COMMISSIONING OF ONE
(1) UNIT OPTICAL BIOMETRY DEVICE FOR OPHTHALMOLOGY
CLINIC, PENGIRAN MUDA MAHKOTA PENGIRAN MUDA HAJI AL-
MUHTADEE BILLAH HOSPITAL, MINISTRY OF HEALTH**

YURAN TAWARAN: \$10.00

NOMBOR RESIT :

TARIKH TUTUP : HARI SELASA, 27HB OGOS 2024

JAM : 2.00 PETANG

KEPADA :

**PENGERUSI LEMBAGA TAWARAN KECIL
PETI TAWARAN, TINGKAT BAWAH
BANGUNAN KEMENTERIAN KESIHATAN
COMMONWEALTH DRIVE
BANDAR SERI BEGAWAN BB 3910
NEGARA BRUNEI DARUSSALAM**

(CLUSTERING)

SECTION 2

SPECIFICATIONS AND REQUIREMENTS

TENDER REFERENCE NO: KK/172/2023/HTD

INVITATION TO TENDER

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) UNIT OPTICAL BIOMETRY DEVICE FOR OPHTHALMOLOGY CLINIC, PENGIRAN MUDA MAHKOTA PENGIRAN MUDA HAJI AL-MUHTADEE BILLAH HOSPITAL, MINISTRY OF HEALTH

SECTION I - USER REQUIREMENT	
1	Measurement range for IOL
1.1	Axial length (interferometry): Super luminescent diode 830nm, 15mm - 38mm
1.2	Corneal radii: 5.00mm - 12.00mm / 28.00D – 67.50D
1.3	ACD measurement: Interferometer 1.5mm – 6.5mm
1.4	WTW measurement: 6.0mm – 18.0mm
1.5	Pupillometry: Dynamic, Photopic & Mesopic, pupil size 0.5mm – 10mm
1.6	Lens thickness (interferometry): 0.5mm – 6.5mm
1.7	CCT measurement (interferometry): 0.300mm – 0.800mm
2	On-board calculation formulas
2.1	IOL formulas: Haigis, Hoffer Q, Holladay 1, SRK*II, SRK*T, Barrett, Universal II, Olsen
2.2	Post refractive surgery IOL formulas: Camellin Calossi and Shammas No History, Barrett True K, Barrett Rx
3	Placido topography specifications
3.1	Keratoscopic cone (topographic map): 24 rings on a 4 dpt sphere, working distance 80mm
3.2	Points analysed: Over 100,000
3.3	Points measured: 6,200
3.4	Cornea coverage: Up to \varnothing 9.8mm (on a 8mm sphere) 42.2 dpt with N=1.3375
3.5	Guided focus system: Yes
4	Keratoconus screening

SECTION I - USER REQUIREMENT	
4.1	Apical curvature: Yes
4.2	Apical gradient of curvature: Yes
4.3	Symmetry index: Yes
5	Software features
5.1	Toric IOL calculator: Generic toric IOL, oculentis toric IOL
5.2	Zernike analysis: Pupil size 2.5mm – 7.0mm
5.3	Print to: USB printer, network printer, PDF to shared network folder & PDF to USB drive
6	Instrument specifications
6.1	Display: 10.1" touch screen
6.2	Storage: 20GB HDD + 32GB SSD
6.3	Operating system: Windows 10
6.4	Processor: AMD G-T56N
6.5	Internal memory: 2GB RAM
6.6	Power input: AC 100 – 240V 46 – 63Hz
6.7	Connections: 1 x LAN, 2 x USB
6.8	Supports: USB barcode scanner, external USB keyboard / mouse
7	Reports
7.1	Aladdin report: Yes
7.2	Measurement overview: Yes
7.3	Pupillometry: Yes
7.4	IOL: Yes
7.5	Generic toric IOL: Yes
7.6	Oculentis toric IOL: Yes

SECTION I - USER REQUIREMENT	
SECTION II - PROCUREMENT REQUIREMENT	
MODEL AND BRAND	State model and brand of equipment.
COUNTRY OF ORIGIN	State country of origin.
PRICE (CIF) B\$	State unit and total price offered.
WHERE MARKETED	Specify in which other countries or regions the equipment is marketed.
YEAR MANUFACTURED	State year of equipment manufactured.
WARRANTY	State number of years.
DELIVERY TIME	Not more than 90 days.
PRICE VALIDITY	State number of weeks.

SECTION III - TECHNICAL SPECIFICATIONS/REQUIREMENTS	
POWER REQUIREMENT:	Mains Supply 240VAC 50 Hz.
INTERNATIONAL SAFETY STANDARD:	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:	State number of locally stationed engineers or technicians and the nearest overseas support.
DIMENSIONS:	State overall dimensions of equipment.
WEIGHT:	State net weight of the equipment.
EQUIPMENT WHOLE LIFE TIME SUPPORT:	Supplier must guarantee spare parts are available for at least 7 years after the installation of the equipment.
BROCHURE:	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:	Two hard copies and one soft copy [PDF FORMAT] to be submitted to BME office during commissioning.
SPARE-PARTS AND CONSUMABLES LISTINGS:	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.

SECTION 3
TENDER FORM

To:

TENDER REFERENCE NO: KK/172/2023/HTD

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PENGIRAN MUDA MAHKOTA PENGIRAN MUDA HAJI AL-MUHTADEE BILLAH HOSPITAL, MINISTRY OF HEALTH

TENDER OF (*name of tenderer*) : _____

Company/Business Registration No. : _____

Tender Closing Date : _____

SECTION I - USER REQUIREMENT		YES	NO	DETAILS OF OFFER FAILURE TO SPECIFY OFFER SHALL BE CONSIDERED AS NON-COMPLIANCE.
1	Measurement range for IOL			
1.1	Axial length (interferometry): Super luminescent diode 830nm, 15mm - 38mm			
1.2	Corneal radii: 5.00mm - 12.00mm / 28.00D – 67.50D			

SECTION I - USER REQUIREMENT		YES	NO	DETAILS OF OFFER FAILURE TO SPECIFY OFFER SHALL BE CONSIDERED AS NON-COMPLIANCE.
1.3	ACD measurement: Interferometer 1.5mm – 6.5mm			
1.4	WTW measurement: 6.0mm – 18.0mm			
1.5	Pupillometry: Dynamic, Photopic & Mesopic, pupil size 0.5mm – 10mm			
1.6	Lens thickness (interferometry): 0.5mm – 6.5mm			
1.7	CCT measurement (interferometry): 0.300mm – 0.800mm			
2	On-board calculation formulas			
2.1	IOL formulas: Haigis, Hoffer Q, Holladay 1, SRK*II, SRK*T, Barrett, Universal II, Olsen			
2.2	Post refractive surgery IOL formulas: Camellin Calossi and Shammas No History, Barrett True K, Barrett Rx			
3	Placido topography specifications			
3.1	Keratoscopic cone (topographic map): 24 rings on a 4 dpt sphere, working distance 80mm			
3.2	Points analysed: Over 100,000			

SECTION I - USER REQUIREMENT		YES	NO	DETAILS OF OFFER FAILURE TO SPECIFY OFFER SHALL BE CONSIDERED AS NON-COMPLIANCE.
3.3	Points measured: 6,200			
3.4	Cornea coverage: Up to \varnothing 9.8mm (on a 8mm sphere) 42.2 dpt with N=1.3375			
3.5	Guided focus system: Yes			
4	Keratoconus screening			
4.1	Apical curvature: Yes			
4.2	Apical gradient of curvature: Yes			
4.3	Symmetry index: Yes			
5	Software features			
5.1	Toric IOL calculator: Generic toric IOL, oculentis toric IOL			
5.2	Zernike analysis: Pupil size 2.5mm – 7.0mm			
5.3	Print to: USB printer, network printer, PDF to shared network folder & PDF to USB drive			

SECTION I - USER REQUIREMENT		YES	NO	DETAILS OF OFFER FAILURE TO SPECIFY OFFER SHALL BE CONSIDERED AS NON-COMPLIANCE.
6	Instrument specifications			
6.1	Display: 10.1" touch screen			
6.2	Storage: 20GB HDD + 32GB SSD			
6.3	Operating system: Windows 10			
6.4	Processor: AMD G-T56N			
6.5	Internal memory: 2GB RAM			
6.6	Power input: AC 100 – 240V 46 – 63Hz			
6.7	Connections: 1 x LAN, 2 x USB			
6.8	Supports: USB barcode scanner, external USB keyboard / mouse			
7	Reports			
7.1	Aladdin report: Yes			

SECTION I - USER REQUIREMENT		YES	NO	DETAILS OF OFFER FAILURE TO SPECIFY OFFER SHALL BE CONSIDERED AS NON-COMPLIANCE.
7.2	Measurement overview: Yes			
7.3	Pupillometry: Yes			
7.4	IOL: Yes			
7.5	Generic toric IOL: Yes			
7.6	Oculentis toric IOL: Yes			

SECTION II - PROCUREMENT REQUIREMENT

BRAND AND MODEL OF EQUIPMENT:

COUNTRY OF ORIGIN:

PRICE (CIF) B\$

UNIT PRICE (B\$ CIF):

TOTAL PRICE (B\$ CIF):

WHERE MARKETED:

YEAR MANUFACTURED:

WARRANTY:

DELIVERY TIME:

PRICE VALIDITY:

SECTION III - TECHNICAL REQUIREMENTS

POWER REQUIREMENT:

**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.

		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 		

1. We offer and undertake on your acceptance of our Tender to provide the above mentioned services in accordance with your Invitation To Tender.
2. Our Tender is fully consistent with and does not contradict or derogate from anything in your Invitation To Tender. We have not qualified or changed any of the provisions of your Invitation To Tender.
3. OUR OFFER IS VALID FOR **TWELVE (12)** CALENDAR MONTHS FROM THE TENDER CLOSING DATE.
4. When requested by you, we shall extend the validity of this offer.
5. We further undertake to give you any further information which you may require.

Dated this _____ day of _____, _____

Signature of authorised officer of Tenderer
Name:
Designation:

Tenderer's official stamp