

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/171/2025/TUT	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) UNIT AUDITORY BRAINSTEM RESPONSE (ABR) FOR AUDIOLOGY, PENGIRAN ANAK MUDA MAHKOTA PENGIRAN MUDA HAJI AL-MUHTADEE BILLAH HOSPITAL, MINISTRY OF HEALTH	-	HOSPITAL PMMPMHAMB, TUTONG	\$10.00	8 <sup>TH</sup> July 2025	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

**TENDER REFERENCE NO.: KK/171/2025/TUT**

**MINISTRY OF HEALTH  
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION AND  
COMMISSIONING OF ONE (1) UNIT AUDITORY  
BRAINSTEM RESPONSE (ABR) FOR AUDIOLOGY,  
PENGIRAN ANAK MUDA MAHKOTA PENGIRAN MUDA  
HAJI AL-MUHTADEE BILLAH HOSPITAL, MINISTRY OF  
HEALTH**

**TENDER FEES : \$10.00**

**RECEIPT NO. :**

**CLOSING DATE : ON TUESDAY, 8TH JULY 2025**

**TIME : 2.00 PM**

**FOA :**

**THE CHAIRMAN  
MINI TENDER BOARD, TENDER BOX  
GROUND FLOOR, MINISTRY OF HEALTH  
COMMONWEALTH DRIVE  
BANDAR SERI BEGAWAN BB3910  
NEGARA BRUNEI DARUSSALAM**

**(CLUSTERING)**

## SECTION 2

### SPECIFICATIONS AND REQUIREMENTS

TENDER REFERENCE NO: KK/171/2025/HTD

#### INVITATION TO TENDER

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) UNIT AUDITORY BRAINSTEM RESPONSE (ABR) FOR AUDIOLOGY, PENGIRAN MUDA MAHKOTA PENGIRAN MUDA HAJI AL-MUHTADEE**

NO.	SECTION I - USER REQUIREMENT
<b>1</b>	<b>Modules</b>
1.1	Includes modules to assess Auditory Brainstem Response (ABR), Auditory Steady State Response (ASSR) and Otoacoustic Emission (OAE)
1.2	Auditory Brainstem Response (ABR)
1.2.1	- Able to perform threshold, neurological ABR and eABR
1.2.2	- Can perform 2 channel recording
1.2.3	- Stimuli: click, toneburst/tone pip and Narrow Band CE Chirp
1.2.4	- Able to perform - Air conduction ABR - Bone conduction ABR - Cochlear microphonic testing
1.2.5	- Polarity: Condensation, Rarefaction and Alternating
1.2.6	- Windows: Blackmann
1.2.7	- Stimulus level 0-100dBnHL
1.3	Auditory Steady State Response (ASSR)
1.3.1	- Able to perform objective physiological measurement for prediction of hearing threshold
1.3.2	- Can perform 2 channel recording
1.3.3	- Stimuli: Narrow Band CE Chirp
1.4	Otoacoustic Emissions
1.4.1	- Able to perform Distortion product Otoacoustic Emissions (DPOAEs) and Transient Evoked Otoacoustic Emissions (TEOAEs)
1.4.2	- Has screening protocols, diagnostic protocols and customizable protocols
1.4.3	- DPOAE frequency range (500-8000Hz)
1.4.4	- TEOAE frequency range at least 1000-4000Hz
<b>2</b>	<b>Transducers</b>
2.1	Complete transducers (inserts earphones and headphones and bone conductor) to perform air and bone conduction ABR and ASSR

NO.	SECTION I - USER REQUIREMENT
2.2	Complete probes to perform OAE
<b>3</b>	<b>Accessories</b>
3.1	Complete standard accessories to perform ABR, ASSR using snap on electrode system for neonates, paediatrics and adults
3.2	Complete standard accessories to perform and OAE neonates, paediatrics and adults
<b>4</b>	<b>Additional accessories and consumables</b>
4.1	1 mobile cart to offer mobility and storage
4.2	2 boxes of NU Prep gel (box of 3)
4.3	1000 pieces of electrodes
4.4	500 pieces of 3B foam eartips, small for paediatric
4.5	Spare set of transducers (insert earphones and headphones and bone conductor)
4.6	1 spare set of cables for ABR
4.7	1 spare set of electrode lead for ABR
4.8	1 spare set of probes for OAE
4.9	1 unit Universal Power Supply
<b>5</b>	<b>Laptop</b>
5.1	Latest technology laptop with minimum 2 USB ports
5.2	16GB RAM memory
5.3	Minimum 1 TB HDD
5.4	256GB SSd for Operating system and integrated software systems
5.5	Operating system: Window 11, 64 bit or equivalent (BruHIMs requirement)
<b>6</b>	<b>Softwares and manual</b>
6.1	CD software and operating manual for end user
<b>7</b>	<b>User Training</b>
7.1	Conduct user training to end user including but not limited to <ul style="list-style-type: none"> <li>- Basic Operation</li> <li>- Basic Maintenance</li> </ul>

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

<b>SECTION III - TECHNICAL SPECIFICATIONS/REQUIREMENTS</b>	
<b>POWER REQUIREMENT:</b>	Mains Supply 240VAC 50 Hz.
<b>INTERNATIONAL SAFETY STANDARD:</b>	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.
<b>TECHNICAL SUPPORT:</b>	State number of locally stationed engineers or technicians and the nearest overseas support.
<b>DIMENSIONS:</b>	State overall dimensions of equipment.
<b>WEIGHT:</b>	State net weight of the equipment.
<b>EQUIPMENT WHOLE LIFE TIME SUPPORT:</b>	Supplier must guarantee spare parts are available for at least 7 years after the installation of the equipment.
<b>BROCHURE:</b>	Tenderers must submit with their offer, a detailed brochure which supports the information the tenderer has entered in the "form-to-beused ((TENDER FORM)" for reference.
<b>USER AND SERVICE MANUALS:</b>	Two hard copies and one soft copy [PDF FORMAT] to be submitted to BME office during commissioning.
<b>SPARE-PARTS AND CONSUMABLES LISTINGS:</b>	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/171/2025/HTD

#### INVITATION TO TENDER

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) UNIT AUDITORY BRAINSTEM RESPONSE (ABR) FOR AUDIOLOGY, PENGIRAN MUDA MAHKOTA PENGIRAN MUDA HAJI AL-MUHTADEE**

---

**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	Modules			
1.1	Includes modules to assess Auditory Brainstem Response (ABR), Auditory Steady State Response (ASSR) and Otoacoustic Emission (OAE)			
1.2	Auditory Brainstem Response (ABR)			
1.2.1	- Able to perform threshold, neurological ABR and eABR			

SECTION I - USER REQUIREMENT		YES	NO	DETAILS OF OFFER FAILURE TO SPECIFY OFFER SHALL BE CONSIDERED AS NON-COMPLIANCE.
1.2.2	- Can perform 2 channel recording			
1.2.3	- Stimuli: click, toneburst/tone pip and Narrow Band CE Chirp			
1.2.4	- Able to perform - Air conduction ABR - Bone conduction ABR - Cochlear microphonic testing			
1.2.5	- Polarity: Condensation, Rarefraction and Alternating			
1.2.6	- Windows: Blackmann			
1.2.7	- Stimulus level 0-100dBnHL			
1.3	Auditory Steady State Response (ASSR)			
1.3.1	- Able to perform objective physiological measurement for prediction of hearing threshold			
1.3.2	- Can perform 2 channel recording			
1.3.3	- Stimuli: Narrow Band CE Chirp			
1.4	Otoacoustic Emissions			



SECTION I - USER REQUIREMENT		YES	NO	DETAILS OF OFFER FAILURE TO SPECIFY OFFER SHALL BE CONSIDERED AS NON-COMPLIANCE.
1.4.1	- Able to perform Distortion product Otoacoustic Emissions (DPOAEs) and Transient Evoked Otoacoustic Emissions (TEOAEs)			
1.4.2	- Has screening protocols, diagnostic protocols and customizable protocols			
1.4.3	- DPOAE frequency range (500-8000Hz)			
1.4.4	- TEOAE frequency range at least 1000-4000Hz			
<b>2</b>	<b>Transducers</b>			
2.1	Complete transducers (inserts earphones and headphones and bone conductor) to perform air and bone conduction ABR and ASSR			
2.2	Complete probes to perform OAE			
<b>3</b>	<b>Accessories</b>			
3.1	Complete standard accessories to perform ABR, ASSR using snap on electrode system for neonates, paediatrics and adults			
3.2	Complete standard accessories to perform and OAE neonates, paediatrics and adults			
<b>4</b>	<b>Additional accessories and consumables</b>			

SECTION I - USER REQUIREMENT		YES	NO	DETAILS OF OFFER FAILURE TO SPECIFY OFFER SHALL BE CONSIDERED AS NON-COMPLIANCE.
4.1	1 mobile cart to offer mobility and storage			
4.2	2 boxes of NU Prep gel (box of 3)			
4.3	1000 pieces of electrodes			
4.4	500 pieces of 3B foam eartips, small for paediatric			
4.5	Spare set of transducers (insert earphones and headphones and bone conductor)			
4.6	1 spare set of cables for ABR			
4.7	1 spare set of electrode lead for ABR			
4.8	1 spare set of probes for OAE			
4.9	1 unit Universal Power Supply			
<b>5</b>	<b>Laptop</b>			
5.1	Latest technology laptop with minimum 2 USB ports			

SECTION I - USER REQUIREMENT		YES	NO	DETAILS OF OFFER FAILURE TO SPECIFY OFFER SHALL BE CONSIDERED AS NON-COMPLIANCE.
5.2	16GB RAM memory			
5.3	Minimum 1 TB HDD			
5.4	256GB SSd for Operating system and integrated software systems			
5.5	Operating system: Window 11, 64 bit or equivalent (BruHIMs requirement)			
<b>6</b>	<b>Softwares and manual</b>			
6.1	CD software and operating manual for end user			
<b>7</b>	<b>User Training</b>			
7.1	Conduct user training to end user including but not limited to <ul style="list-style-type: none"> <li>- Basic Operation</li> <li>- Basic Maintenance</li> </ul>			

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
<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). The listing must have the following details:</p> <ul style="list-style-type: none"> <li>▪ Part Number</li> <li>▪ Part Description</li> </ul>		

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