

TENDER REFERENCE NO.: KK/408/2025/SSBH

**MINISTRY OF HEALTH
NEGARA BRUNEI DARUSSALAM**

**TO SUPPLY AND INSTALL PUBLIC ADDRESS (PA)
SYSTEM AT SURI SERI BEGAWAN HOSPITAL, KUALA
BELAIT**

TENDER FEES : \$10.00

RECEIPT NO. :

CLOSING DATE : ON TUESDAY, 13 January 2026

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

1.0 GENERAL

1.1 Tenderers are sought from suitably qualified contractors who wish to be considered for the installation of PA System for the following sites:

▪ **Suri Seri Begawan Hospital, Kuala Belait (SSBH) Compound**

Note: Site may be added or removed depending on the Ministry/Department's direction.

- 1.2 The duration of the Public Address (PA) System installation works is for NINE (9) months.
- 1.3 The quality workmanship and standard of works, materials and equipment execute under this contract must comply with the guidelines and regulations currently in force.
- 1.4 The works shall include the supply of all materials and all necessary labor for the proper completion of the installation in accordance to all requirements of all relevant authorities having jurisdiction over the works together with all incident work pertaining there to even though not specifically mentioned herein.
- 1.5 The successful contractor shall work in such manner as to provide minimum disturbances and inconvenience to the occupants / client. This means that the contractor may be required to stop working in a certain area and time when instructed by Superintending Officer (S.O.).
- 1.6 All the works on site shall be carried out with the cooperation of the S.O. / Client. The Registered workers on site must wear proper identification badges and uniform – overall showing clearly the name of their Company as well as suitable U.S. or British Standard safety shoes and safety helmet when required.
- 1.7 All the old PA System appliances / parts and waste removed from the site shall be removed to an approved dumping area promptly without further reminder and any additional cost to the Government of Negara Brunei Darussalam.
- 1.8 The Contractor shall not install any appliances / parts without prior approval from the Superintending Officer regarding quality / make / country of origin / location and positioning.
- 1.9 The contractor is responsible for the support services in areas of safety, fire protection and prevention, industrial hygiene and is obliged to comply with by virtue of Statutory Requirements as well as being part of the Contractual Requirements. It is the responsibility of the Contractor that they, their employees and their sub-contractors are aware of and familiar with safety rules and practices as authorized by the Superintending Officer. All reported unsafe practices or unsafe working conditions will be investigated by the Superintending Officer or his designate. The contractor is also responsible for performing the works under the contract in a healthy and safe manner including protecting the safety and welfare of other Sub-Contractors.
- 1.10 The Contractor shall note that works carried out without submitting samples for prior approval shall, in the event of unsuitability or unacceptability due to either material or workmanship, both be rejected forthwith without benefit of compensation in either money or time and the Contractor shall be required to replace such works immediately in accordance with the requirement of the Superintending Officer.

2.0 SCOPE OF WORK

2.1 The works to be executed shall comprise of the following:

- 2.1.1 To dismantle and remove existing PA System appliances and do all necessary works to make good any affected area by plastering or touch up minor crack at base surface of internal wall/ceiling as instructed by S.O., and prepare surface for new PA System appliances (including any drilling or other necessary works required for proper installation).
- 2.1.2 To prepare proposal / draft layout for the PA System to be submitted along with the tender documents for review by the S.O., this should include dimensions, materials, color schemes, installation method, and any technical specifications.
- 2.2 The contractor shall provide everything deemed necessary for the proper execution of all works according to the indent of specification such as tools, equipment, transport, barrier, necessary warning sign and others where necessary.
- 2.3 The Contractor shall be available even after office hours, Fridays, Sundays and Public Holidays as directed by the S.O if necessary.
- 2.4 The Contractor shall provide a log book to record the work done on each location, showing the exact date, time started and completed, description of work, and the names of the Technicians working. The Technician shall affix their signature and the S.O. or his representative shall confirm the completion of the work. The log book shall be always available for inspection anytime during the duration of the contract.
- 2.5 The Contractor shall remove and replace any supplied items which are damaged, defect or not complying with the specification. If the contractor fails to do so within the reasonable time, the S.O. has the option to remove the items and replace with the correct specification and the contractor shall be responsible with the cost and expenses incurred.
- 2.6 If the S.O. thinks that any of the items supplied are not in accordance with the specification, the S.O. have the right to submit the items to expert for examination and/or testing. All test in connection therewith shall be borne by the Contractor.
- 2.7 The Contractor shall not assign this contract or any portion of the work to sub-contractor without the S.O. written permission. The consent shall not be reasonably refused to the prejudice of the Contractor. The Contractor is still solely and personally responsible for making sure that all terms, stipulation and conditions in this contract are followed by such authorized sub-contractor.
- 2.8 Any damages to the **SSB Hospital** assets found on site shall be reported to the S.O. and if the damages occurred is due to negligence during the contract period, it shall be reinstated by the Contractor at no extra cost.
- 2.9 The S.O. have the right to request amendment or correction of work if it is not satisfactory in terms of quality, workmanship, specification or according to instructions at the Contractor expense. Any job done which are not within the contract scope and done without S.O.'s approval shall not be claimed and will not be entertained due to negligence of contractor.

3.0 SYSTEM REQUIREMENTS

3.1 Design Criteria:

- 3.1.1. Power amplifiers shall have power ratings with at least 10 % spare capacity to drive all the loudspeakers that they are respectively intended to serve.
- 3.1.2. The system shall be designed for 24x7 round-the-clock operation.
- 3.1.3. The system shall preferably be designed with energy saving features which allows the lower power consumption during standby / power failure.
- 3.1.4. The following schedule options shall be made available for scheduled announcement:

- i. broadcast day: specific dates and repeated monthly / weekly / daily; and
 - ii. broadcast time: exact time and specified duration / repeated times.
- 3.1.5. A paging microphone shall be provided at the central equipment rack for announcements. Remote microphone(s) and / or mobile devices such as Android device or iPhone shall be available for playing audio outputs.
- 3.1.6. The paging devices in 3.1.5 shall be built-in / integrated with chime generators to generate a chime (configurable as a single-tone chime, a 2-tone chime and a 4-tone chime) when the remote microphone is activated.
- 3.1.7. Output to each loudspeaker line shall be protected with matching transformer of appropriate capacity.
- 3.1.8. The impedance of the loudspeakers shall be higher than or equal to that of the channel.
- 3.1.9. The Contractor shall ensure that sound pressure level be evenly distributed in each broadcast zone and take into consideration the possible background noises, reflections, echoes, delays and reverberation in the environment during the design of the system and shall ensure that the system function properly and stably without acoustic feedback.
- 3.1.10. The sound pressure level of the output sound shall be at least 10dB higher than that of the background at the coverage area measured at around 1.5m high.
- 3.1.11. Monitor panel shall be provided for visual and aural monitoring of the output level of each broadcast zone.
- 3.1.12. Volume attenuator shall be installed at designated areas for user to locally control the output power of the loudspeakers installed at the same room / area. Such designated areas typically include but not limited to the following:
 - i. function rooms, meeting room and conference rooms;
 - ii. office area including reception / enquiry counters which are not in open area;
- 3.1.13. System controlled by computer and/or connected by IP network switch shall be equipped with uninterruptible power supply unit.
- 3.1.14. Computers shall be provided for configuration of networking devices, including that equipment with networking function, e.g., for configuration of scheduled announcement. Software (with perpetual license) necessary for configuration and control of the equipment shall be supplied and be installed on the computer.
- 3.1.15. The system shall be able to operate normally at its basic functions when the computers for system configuration are not powered on.
- 3.1.16. Each equipment cabinet of the system shall be installed with a single on/off switch and power sequencer such that the following power on/off sequence can be achieved automatically:
 - i. when the system is switched on, the power amplifiers are the last items being turned on; and
 - ii. when the system is switched off, the power amplifiers are the first items being turned off and the other items be turned off after a period of delay time.

3.2. Equipment Functional Requirements and Performance Characteristics

3.2.1. IP Network Paging Station

- a. It shall support 100/10Mbps TCP/IP network transmission and provide configurable communication modes for reliable integration within a LAN environment.
- b. Allow group management of network playback terminals, support paging and intercom functions, and enable real-time audio log recording with playback and search capabilities.
- c. The paging station shall be equipped with a high-fidelity dynamic microphone, built-in 3W monitor speakers, and multi-segment level indication including Automatic Gain Control (AGC) and a high-performance DSP sound processing circuit to ensure consistent, high-quality audio.
- d. The system shall provide line input for external sources (e.g., wireless microphones) and line/auxiliary outputs for local amplification or monitoring.
- e. The paging station shall feature a true color touch screen with a graphical, user-friendly interface and manual shortcut keys for quick paging, complete with an intelligent screen saver with adjustable activation delay.
- f. The system shall support manual power control of the microphone and automatic intelligent microphone shutdown with adjustable delay. It shall also include user password and authority management for secure system access and configuration

3.2.2. IP Network Public Address Center

- a. It shall feature a large color touch screen with touch and mouse control, integrated server control software, and key-switch protection for secure system operation.
- b. Supports one-button whole-area alarm activation, manual alarm, and automatic forced alarm via fire alarm center interface, short-circuit, or network signal.
- c. The system shall include a built-in 10W amplifier with fixed resistance output and auxiliary outputs, a built-in CD player, a minimum of four independent audio input channels and two auxiliary mixed inputs for external sources without requiring an external mixer.
- d. The system shall include emergency microphone inputs (5mV and 3mV), a handheld emergency microphone, and automatic switching with EMC priority.
- e. Feature DSP sound processing, multi-level priority management (minimum seven levels), and hardware/software volume adjustment with a dynamic range greater than 26 dB.
- f. The system shall support real-time zone monitoring, recording and program creation, and terminal point-in-time backup of playback content and enable automatic scheduling, playback of programs, tones, alarms, allowing unattended operation with individual zone scheduling, volume control, and program differentiation. The system shall automatically resume program playback after network disconnection and support barge paging, intercom, and group functions.
- g. The host shall use a dual Gigabit network card backup design for network redundancy and support cross-network segment transmission, employing a DSPPA-developed network protocol with built-in broadcast matrix and large-

capacity customizable program storage. Additional audio inputs may be expanded via network audio acquisition terminals without limitation.

3.2.3. Emergency Interface Module

- a. It shall automatically interface with the fire alarm center to activate the corresponding zones of the networked public address system and switch into a forced emergency broadcast state.
- b. Provides minimum of 32 fire trigger channels per unit, with freely configurable and combinable alarm zones through the host settings. Each alarm channel shall include a path-finding fault detection function for automatic identification and troubleshooting of system line faults.
- c. It shall support network expansion, allowing multiple modules to be connected for flexible extension of control areas, and provide a reliable communication interface between the fire center and the PA system.
- d. User-friendly configuration, monitoring, and maintenance through an intuitive interface, with support for remote diagnostics.

3.2.4. Ceiling Speaker

- a. As a minimum requirement, the ceiling speaker shall satisfy the following but not limited to:
 - i. rated power of 6W,
 - ii. 6.5-inch speaker unit,
 - iii. wide frequency response of 90Hz–20kHz, with a maximum sound pressure level (SPL) of 103dB \pm 2dB and a sensitivity of 95dB \pm 2dB,
 - iv. total harmonic distortion (THD) shall be less than 1.5% at rated power,
 - v. include three speaker line terminals to support multiple power outputs,
 - vi. the housing shall be made of high-quality plastic molding,
 - vii. The speaker shall have damping for the dangling edge and be capable of continuous operation for at least 100 hours at rated power.

3.2.5. Wall Speaker

- a. As a minimum requirement, the ceiling speaker shall satisfy the following but not limited to:
 - i. it shall support multiple power taps:
 - 100V line: 4W, 8W, 15W, 20W
 - 70V line: 2W, 4W, 8W, 15W, 20W
 - Low impedance: 4 Ω (20W),
 - ii. It shall have a wide frequency response of 80Hz–20kHz, a maximum SPL of 104dB \pm 2dB, and a sensitivity of 90dB \pm 2dB.

3.2.6. IP Network Amplifier

- a. It shall be designed for integration with networked public address systems.
- b. Provide a 100V speaker output suitable for distributed audio systems.
- c. Rated power options of 60W, 120W, 250W, 350W, and 650W to meet different installation requirements.
- d. Digital amplifier ensuring high efficiency and low distortion.

- e. Supports multiple audio input sources, including AUX, Microphone, USB, and SD card.
- f. Feature a digital display screen to indicate the amplifier's operating and running status.

3.2.7. IP Network Audio Terminal

- a. It shall include minimum two network connection ports, allowing operation between different network segments for flexible system configuration.
- b. Supports a maximum sampling rate of 48kHz and 16-bit digital audio decoding for high-quality audio performance.
- c. It shall feature 10M/100M automatic network adaptation for reliable communication and compatibility with various network environments.
- d. It shall provide 24V/100mA output and a shortcut output interface for external control or triggering.
- e. It shall be capable of playing background music, emergency paging, and alarm signals received from the system host.
- f. It shall include one EMC input and one EMC output for connection with emergency control equipment.

3.2.8. Disc Player

- a. The disc player shall be provided with the following facilities:
 - i. power on / off switch on the front panel with indicator,
 - ii. disc slot on the front panel,
 - iii. USB slot on the front panel for playback of media stored on USB storage media,
 - iv. LCD or LED display,
 - v. direct track selection buttons (on front panel or via remote control unit),
 - vi. output level control,
 - vii. random and disc/track repeat playback,
 - viii. remote control unit,
 - ix. Blu-ray disc, CD, CD-R, CD-RW, DVD-R, DVD+R, DVD-RW & MP3, M4A playback capability,
 - x. optical digital outputs and RCA analog outputs.
 - xi. two (2) female HDMI output connectors where one of the connectors is for output of audio.
- b. It shall satisfy the following performance characteristics:
 - i. frequency response not to vary by more than ± 1 dB over the frequency range 20 to 20 000 Hz,
 - ii. signal-to-noise ratio to be better than 100 dB,
 - iii. wow and flutter to be less than measurable limit,
 - iv. total harmonic distortion to be less than 0.0025%,
 - v. dynamic range to be better than 95 dB,
 - vi. channel separation to be better than 90 dB,
 - vii. analog output level to be at 2V r.m.s.,
 - viii. sampling frequency to be at 44.1 kHz or above.

3.2.9. Digital Audio Player

- a. The device shall be a professional multi-format media player that capable of the following functions/features:
 - i. support playback of audio from audio CDs, data CDs (including CD, CD-R, CD-RW), USB memory devices;
 - ii. support playback of audio files from Bluetooth® (version 4.2 or newer) connected devices, including but not limited to smartphones, tablets and portable music players;
 - iii. support playback of external audio input via TRS or auxiliary (AUX) input connector;
 - iv. support playback audio files of all the following formats: WAV, MP3, M4A, CD-DA, WMA, AAC;
 - v. support solid-state storage device with capacity of up to at least 32 GB or more;
 - vi. support the following playback mode: continuous, shuffle, single, repeat;
 - vii. provide playback time display in terms of elapsed time of track, remained time of track, total elapsed time, total remained time;
 - viii. support control by wireless remote controller;
- b. The device shall have the following physical characteristics:
 - i. power on/off button on front panel;
 - ii. backlit LCD display for displaying the track no. and elapsed time;
 - iii. one (1) no. of CD drive complete with CD slot and eject button on front panel;
 - iv. one (1) no. of USB slot on front panel;
 - v. Bluetooth pairing button;
 - vi. one (1) no. of 3.5mm stereo audio input connector on front panel (10kohm impedance);
 - vii. one (1) no. of audio output with volume control on front panel for monitor headphone (if the connection interface is not 3.5mm audio jack, converter shall be provided for connection of 3.5mm audio plug);
 - viii. playback control buttons (including but not limited to play;/pulse, stop, forward, backward, next, previous and play mode) on front panel;
 - ix. audio output interface: RCA unbalanced and XLR balanced;
 - x. rack-mountable;
 - xi. provided with remote control with battery for remote control of the device.
- c. It shall satisfy the following performance characteristics: -
 - i. frequency response: 20Hz – 20kHz, +/-1dB;
 - ii. total harmonic distortion: less than 0.005% or less;
 - iii. S/N ratio: 95dB or more;
 - iv. dynamic range: 90dB or more; and
 - v. channel separation: 90dB or more.

3.2.10. Equipment Rack

- a. The cabinet shall be sufficient strength and rigidity to house the equipment. It shall be complete with locking door and three-pin power sockets.
- b. The cabinet shall be constructed from either teakwood of at least 15 mm thick or stainless steel of at least 1.2 mm thick, depending on individual system requirements.
- c. Facilities shall be provided for good free ventilation and easy access of connecting cables from outside for maintenance.

3.3. Installation Requirements

- 3.3.1. Lines shall be run in separate conduits for microphone or line level circuits (up to +30 dBm), loudspeaker circuits (above +30 dBm), and power circuits. All other conduits shall be spaced not less than 50 mm from power conduits. Power conduits shall be grounded to the power system ground.

- 3.3.2. All audio lines, including microphone lines, line-level lines and loudspeaker lines, shall be floating with respect to the ground, either side of audio lines shall be grounded. If the equipment has a single ended input or output, it must be provided with isolation transformers to provide the floating conditions. Muting of microphones shall be done by shorting the microphone output, not by opening the circuit. Cut-off or transfer switches in line-level lines or loudspeaker lines shall be two-pole, switching both sides of the line simultaneously.
- 3.3.3. Outputs of power amplifiers shall not be inter-connected. Loudspeaker lines leaving the equipment rack(s) shall be connected via barrier strip terminals.
- 3.3.4. Signal input cables shall be kept away from the signal output cables to avoid oscillation.

4.0 WARRANTY

- 4.1 All / every works and new items installed will be under warranty for nine (9) months. All defect items during the warranty period needs to be replaced immediately by a new one matching the existing items or equivalent, as approved by the Superintending Officer without any additional charges to the government. All warranty will commence after the whole project has been completed. For more details the contractor may contact the Superintending Officer.
- 4.2 The Government shall not be responsible for any wrong supply of materials and parts or accessories, Superintending Officer will have the right to instruct the contractor to supply the correct materials and parts or accessories without extra charges and delay to the Government.
- 4.3 The contractor must not leave any of their tools, materials, equipment or belongings onsite after office hours and the Government will not take any responsibility for any lost items during or after the works.

5.0 USE OF SITE

- 5.1 The Contractor shall not use any of the sites for any purpose other than that of carrying out the works stipulated in these Specifications.
- 5.2 The Contractor shall, at all times, keep the sites clear and free from all surplus materials, rubbish, or debris arising from the execution of the works and keep the sites in clean conditions.

6.0 BASIC EQUIPMENT STANDARDS

- 6.1 All equipment and materials to be supplied and installed under this contract shall be of first grade design and manufacture, and shall comply with the latest Brunei Standard Specifications, or in the absence of such standard, to the latest British or Australian Standard
- 6.2 Uniformity of equipment shall be maintained throughout the installation. Where manufactures are specified herein or in the drawing or described as follows, they are intended to define acceptable standards of equipment. Tenderers may submit alternative equipment which shall be equal in every respect to the specified items.

7.0 INSURANCES

- 7.1 The Contractor shall procure the following insurances and shall remain effective throughout the contract period and any extension of time granted:
- i. Workmen Compensation
 - ii. Public Liability
 - iii. Fire

8.0 SECURITY

8.1 Where the works are to be carried out within a secure area, the Contractor shall provide to the Superintending Officer the full details of all his personnel and vehicles requiring access to the site, not less than seven (7) days before entry is required. Details shall include the following particulars:

- Name
- Address
- Identity card number / passport number
- Gender
- Citizenship
- Expiry date of work pass (for foreign workers)

8.2 Where security passes are issued to the Contractor's personnel, the Contractor is responsible for the proper use of the passes.

8.3 The Contractor shall ensure that the passes are immediately returned to the authorities when they are no longer required due to the employee not being engaged to work at the secured area, or if the employee has left the Contractor's employment.

9.0 HEALTH AND SAFETY PRECAUTIONS AGAINST FIRE, NOISE CONTROL, AND ETC.

9.1 The Contractor shall provide all necessary measures to comply with all health and safety regulations and rules currently in place. The Contractor shall also comply with all orders and instructions given to them from time to time by the Superintending Officer with regards to health and safety of persons in the vicinity of any site, site regulations and the work in general.

9.2 The Contractor shall take all reasonable precautions to prevent loss or damage by fire, comply with existing fire regulations and all instructions given to him by the Superintending Officer with regards to fire precautions and prevention.

9.3 The Contractor shall also ensure that all measures are taken to control noise levels produced during the Maintenance Services.

9.4 The Contractor shall ensure that all equipment is/are safe and operable prior to handing over to the Government.

9.5 Any required road closure for hacking works (e.g., To connect main system to location far from it) shall comply with all HSE standards such as proper signage, labelling, barriers, etc.

SCHEDULE A – LIST OF LOCATION

ITEM NO.	LOCATION		
1	BLOCK A	GROUND FLOOR	MAIN ENTRANCE
			LOBBY
			TELEPHONE OPERATOR ROOM
			FINANCE UNIT
			SURGICAL OUT-PATIENT DEPARTMENT
			PODIATRY
			PHLEBOTOMY
		1 ST FLOOR	WARD 3
			WARD 4
			WALKWAY
		2 ND FLOOR	WARD 10
			WARD 11
			WALKWAY
2	BLOCK B	GROUND FLOOR	OTOLARYNGOLOGY [ENT]
			DERMATOLOGY [SKIN]
			PHYSICIAN [PHY]
			DIETITIAN
		1 ST FLOOR	LABORATORY + BLOOD BANK
			BLOOD DONATION
			WALKWAY
		2 ND FLOOR	MEDICAL SOCIAL WORKER [MSW]
			INFORMATION TECHNOLOGY UNIT [IT]
			BIO MEDICAL ENGINEERING UNIT [BME]
			INFECTION CONTROL UNIT
			HUMAN RESOURCES UNIT [HR]
		3	BLOCK C
1 ST FLOOR	WARD 1		
	OPERATION THEATRE [OT]		

ITEM NO.	LOCATION		
		2 ND FLOOR	WALKWAY
			WARD 8
			WARD 9
			WALKWAY
4	BLOCK D	GROUND FLOOR	LOBBY
		1 ST FLOOR	CARDIAC CENTRE
			IN-PATIENT PHARMACY
2 ND FLOOR	WARD 12		
5	BLOCK E	GROUND FLOOR	RADIOLOGY
		1 ST FLOOR	X-RAY RECORDS
		2 ND FLOOR	INTENSIVE CARE UNIT [ICU]
6	BLOCK F	GROUND FLOOR	ORTHOPEDICS
			OPHTHALMOLOGY [EYE]
7	BLOCK G	GROUND FLOOR	MEDICAL RECORD OFFICE [MRO]
8	BLOCK H	GROUND FLOOR	PHYSIOTHERAPY
		1 ST FLOOR	SURAU (MALE)
			SURAU (FEMALE)
			WALKWAY
9	BLOCK J	GROUND FLOOR	PHARMACY
10	BLOCK K	GROUND FLOOR	KITCHEN
		1 ST FLOOR	CENTRAL STERILE SERVICES DEPARTMENT [CSSD]
11	BLOCK L	GROUND FLOOR	MEETING ROOM [IBNU SINA]
			CUSTOMER SERVICES
			SUPPLY AND PROCUREMENT OFFICE
			HEAD ATTENDANT UNIT
		1 ST FLOOR	CHIEF EXECUTIVE OFFICER OFFICE
			SENIOR HOSPITAL ADMINISTRATOR OFFICE
MEDICAL SUPERINTENDENT OFFICE			

ITEM NO.	LOCATION		
			MEETING ROOM [AQUARIUM]
			NURSING ADMINISTRATION OFFICE
12	BLOCK M	GROUND FLOOR	DRIVER'S OFFICE
			CLEANER'S OFFICE
13	BLOCK N	GROUND FLOOR	MENTAL HEALTH UNIT [MHU]
			WARD 16
			WARD 17
14	BLOCK O	GROUND FLOOR	PSYCHIATRIC CLINIC
15	BLOCK P	GROUND FLOOR	MORTUARY
			ESTATE MANAGEMENT SECTION
16	BLOCK Q	GROUND FLOOR	LINEN
			LAUNDRY
			MEDICAL STORE
17	BLOCK R	GROUND FLOOR	LOBBY & WALKWAY
			PAEDIATRIC CLINIC
			OBSTETRIC & GYNAECOLOGY
		1 ST FLOOR	LOBBY
			IN-PATIENT DENTAL
			WARD 5
			WARD 6
			SPECIAL CARE BABY UNIT [SCBU]
			MATERNITY OPERATING THEATRE [MOT]
			2 ND FLOOR
AUDIOLOGY			
18	NURSES HOME	GROUND FLOOR	ROOMS
			STORE
		1 ST FLOOR	ROOMS
19	SPEECH AND LANGUAGE THERAPY	GROUND FLOOR	SPEECH AND LANGUAGE THERAPY CLINIC
		1 ST FLOOR	DOCTOR ON-CALL ROOM

ITEM NO.	LOCATION		
20	OCCUPATIONAL THERAPY	GROUND FLOOR	OCCUPATIONAL THERAPY CLINIC
21	DIALYSIS CENTRE	GROUND FLOOR	RENAL AREA
		1 ST FLOOR	ADMINISTRATION OFFICE
22	DENTAL / MOTHER AND CHILD CLINIC	GROUND FLOOR	MOTHER AND CHILD CLINIC
		1 ST FLOOR	DENTAL
23	MULTIPURPOSE HALL	GROUND FLOOR	HALL
		1 ST FLOOR	STORE
25	LEARNING AND DEVELOPMENT CENTRE	GROUND FLOOR	MAIN LOBBY
			SYNDICATE ROOM
			ADMINISTRATION OFFICE
			CAFÉ
		1 ST FLOOR	ADMINISTRATION OFFICE
			COMPUTER ROOM
			LABORATORY ROOM
			SURAU (FEMALE)
		2 ND FLOOR	CONFERENCE ROOM
			VIP ROOM
			LIBRARY
			SURAU (MALE)

SCHEDULE B – CONSUMABLES

All items listed in this Schedule B are not to be charged/payable and shall be considered as included in all installation/repair/rectification works.

NO.	ITEM
1	Wires / Cables
2	Connectors / Adapters
3	Brackets / Mounts
4	Screws, Nuts, Bolts and Washers
5	Zip Ties for organizing and securing cables
6	Electrical Tape

SUMMARY OF TENDER

TENDER REFERENCE NO.: KK/408/2025/SSBH

**INVITATION TO TENDER
TO SUPPLY AND INSTALL PUBLIC ADDRESS (PA) SYSTEM AT SURI SERI BEGAWAN
HOSPITAL, KUALA BELAIT**

No.	Description	Unit	Rate \$	Amount		
				Quantity	\$	¢
	<p><u>SECTION 1 – PRELIMINARIES AND GENERAL CONDITIONS</u></p> <p><u>Note:</u> The Tenderer is required to visit site to acquaint themselves with the site and the layout of SSB Hospital (refer to appendix) and shall provide detailed layout drawings for all cable and conduits required for the Public Address (PA) System for acceptance by the Client / Superintending Officer / Officer In-Charge. The Tenderer must examine all specifications and conditions of the Tender before the Tender for the works. The Tenderer shall obtain all information relating to local regulations, the application of any and all laws relating to the occupation or profession. No additional claims can be accepted on this account.</p>					
A	PRELIMINARIES					
1.0	<p>Allow sum of preliminaries shall comply with specification and other requirements. The contractor shall undertake to execute everything that is deemed necessary prior to the commencement of works. Mobilization and demobilization of all tool and equipment and platforms and everything else as required and necessary for the execution and completion of the works as required.</p> <p>Allow for the expenses incurred for providing policies and other insurances as may be necessary to protect the Contractor's and Government's interest and shall valid until the end of the defect liability(maintenance) period:-</p>	LOT		1		
1.1	Workmen's Compensation's Policy in the joint names of the Government and the Contractor.	LOT		1		
1.2	Public liability Policy in the joint names of the Government and the Contractor.	LOT		1		
1.3	Fire policy in the joint names of the Government and the Contractor.	LOT		1		

No.	Description	Unit	Rate \$	Amount		
				Quantity	\$	¢
B	GENERAL CONDITIONS					
2.0	Removal of all existing PA System cabling, control units, and associated components to be disposed at contractor's own dumpsite. Any damage caused to ceilings, walls, or other structures during the removal process must be fully repaired and reinstated to their original condition, including patching, finishing, and repainting where necessary.	LOT		1	C/F	
	SECTION 2 – MAIN EQUIPMENT					
1.0	<p>To supply and install IP Network Public Address management system to manufacturer's detail, comprising of but not limited to the following:</p> <ul style="list-style-type: none"> - Control unit with touch screen / mouse control and server control software. - Network-based audio transmission and management. - Built-in amplifier and multiple audio input/output channels. - Zoning and partition control for independent playback and volume adjustment. - Programmable and scheduled playback with unattended operation. - Real-time monitoring and control of terminals. - Emergency paging and alarm functions with fire alarm interface. - Supports intercom, group paging, and priority management. - Dual network card backup for system reliability. - Certified and secure system design with expandable program source capacity. - 2 years warranty on equipment and testing & training of the client on the use of the system. <p>Brand:</p> <p>Model:</p> <p>Country of Origin:</p>	NO		2		

No.	Description	Unit	Rate \$	Amount		
				Quantity	\$	¢
2.0	To supply and install 32 Channels Emergency Interface Module. Works include connecting the Interface with the local existing fire safety / emergency system to be block b). Brand: Model: Country of Origin:	NO		2		
3.0	To supply and install 4 Channel IP Network Audio terminal complete with network connection ports, can play background music, emergency paging and alarm signal from host. Brand: Model: Country of Origin:	NO		2		
4.0	To supply and install multi-channel / multi-functional rackmount Blu-ray disc / CD / DVD / MP4 / MP3 Player with Bluetooth, built-in USB and auxiliary input. Brand: Model: Country of Origin:	NO		2		
5.0	To supply and install IP Network Paging Station, comprising of but not limited to the following: <ul style="list-style-type: none"> - Support 100 / 10Mbps adaptive TCP / IP network transmission protocol; - Allows network-based paging, intercom, and playback control; - Network communication mode can be configured; - Manual shortcut keys for quick page operation; - Built-in bell tone and intelligent paging/intercom functions; - User password and authority management. Locations: Security Room Block A, Ibnu Sina Block L, Block B Brand: Model: Country of Origin:	NO		3		

No.	Description	Unit	Rate \$	Amount		
				Quantity	\$	¢
6.0	<p>To supply and install 250W – 350W IP Network amplifier complete with 100V speaker output, audio source for AUX, Mic, USB, SD and digital screen. Works include installing any required racks / brackets / mounting accessories for proper operations and at appropriate position / height.</p> <p>Contractor shall allow for any required additional amplifiers from the approximate quantity as per S.O. instructions.</p> <p>Brand:</p> <p>Model:</p> <p>Country of Origin:</p>	NO		40		
7.0	<p>To supply and install standalone system comprising of :-</p> <ul style="list-style-type: none"> - 120W IP Network Amplifier with built-in DSP and LAN ports. - Paging station (quantity as per S.O. instructions) comprising of gooseneck microphone and call button. - Wall mounted / ceiling speakers (20W, 100V line) wherever required. - Interface module to link with the Central PA System. <p>Locations:</p> <ul style="list-style-type: none"> - MRO (5 paging stations) - Radiology (1 paging station) - Phlebotomy (1 paging station) - Outpatient Department (1 paging station) - Outpatient Pharmacy (2 paging stations) - Surau (1 paging station) - Dental (1 paging station) - Maternal and Child Health (1 paging station) - Obs & Gynae (1 paging station) - Paediatric (1 paging station) - Specialist Clinics (8 paging stations) - Accident & Emergency Department (1 paging station) <p>Works shall include all necessary cabling / electrical works, testing and commissioning.</p>	NO		12		
8.0	<p>To supply and install equipment rack to suit the whole offered PA system to manufacture detail c/w swivel caster with brakes, plinth, cable management, cable tunnel, front lockable tempered glass door with back mild steel door, socket outlet, ventilated, fan, etc. (Existing rack shall be moved to estate store)</p>	NO		3		

No.	Description	Unit	Rate \$	Amount		
				Quantity	\$	¢
	SECTION 3 - SPEAKER					
9.0	To supply and install flush mount 6W 6.5" frameless ceiling speaker. Contractor to propose and prepare speaker layout and electrical drawings for each area. Contractor shall allow for any required additional amplifiers from the approximate quantity as per S.O. instructions. Brand: Model: Country of Origin:	NO		200		
9.1	4-20W Wall mount speaker with power tap. Contractor to propose and prepare speaker layout and electrical drawings for each area. Contractor shall allow for any required additional amplifiers from the approximate quantity as per S.O. instructions. Brand: Model: Country of Origin:	NO		1800		
	SECTION 4 – WIRING					
10.0	Interconnection works at equipment rack for the offered PA System inclusive of all manufacturer's specified cable, connectors, accessories, etc. This includes interlinking works to all services provider where specified/required (ie. fire alarm, CCTV, telephone system) with necessary programming work.	LOT		1		
10.1	Speaker wiring point using 1.5mm ² screened twisted pairs speaker cable run in concealed conduit/trunking.	LOT		1		
10.2	Testing and commissioning complete with as built drawing and tagging for inventory management.	LOT		1		
TOTAL AMOUNT (B\$)						

SCHEDULE 1

TENDER FORM

TENDER REFERENCE NO.: KK/408/2025/SSBH

**INVITATION TO TENDER
TO SUPPLY AND INSTALL PUBLIC ADDRESS (PA) SYSTEM FOR SURI SERI BEGAWAN
HOSPITAL, KUALA BELAIT**

1. I/we, the undersigned having examined and fully understood the tender Documents, inspected and checked the site, offer to carry out and execute the above work in accordance with all relevant Standards Specification and Codes of Practice for the sum of Brunei Dollars.

Brunei Dollars _____
_____ (B\$ _____) only.

2. If my/our tender is accepted, I/we undertake to complete the whole works **within SIX MONTHS from** the date of possession/commencement allowing for all possible cause of delay which can reasonably be foreseen and not merely representing the number of working days required.
3. I/we confirm that my/our tender has been calculated on a firm price basis and that I/we have taken into account all aspects, site conditions and other matter that may affect the works. I/we understand that I/we not be allowed any claims for payment may arise out of my/our misunderstanding, and/or misinterpretation and/or miscalculation of the works and/or site conditions.
4. I/We agree to the provision and conditions in **Appendix**
5. I/we understand and agree that the Government has the option to accept part of my/our tender and I/we agree and confirm that in such case, there shall be no adjustment of my/our tender prices and/or rates.
6. Unless and until a formal agreement is prepared and executed, this tender offer together with your Letter of Acceptance thereof shall constitute a legal and binding contract between us.
7. 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.
8. Our offer is valid for **six (6)** calender months from the tender closing date.
9. When requested by you, we shall extend the validity of this offer.

Signature & Date

Name

In the capacity of

(Position in the Company)

(Tenderer Official Stamp)

On behalf of

(Name of Company).

Address

Telephone & Fax

MOD Registration No

(Copy of MOD Registration Certificate to be attached)

Class / Category

Tender Deposit No.

SCHEDULE 2

INFORMATION SUMMARY

- 2.1 Tenderers shall provide in this Schedule the following information:
- a. Management summary
 - b. Company profile [including Contractor and sub-contractor(s), if any]
 - c. Years of experience (as of the Tender Closing Date) of the Contractor and sub-contractor(s) in the:
 - Building works and services; specialized in installation of PA System, Electrical Works, wiring, etc.
 - d. Minimum manpower proposal for the project which will be full time on site
 - e. Other information which is considered relevant.

SCHEDULE 3

SUB-CONTRACTORS

- 3.1 Tenderers shall complete Table 3 with information about all the companies involved in the provision of the services and items specified in this tender. This shall include details about the Contractor and each sub-contractor involved, as well as their respective responsibilities.
- 3.2 Tenderers shall also indicate in Table 3.1 any alliance relationship established with each sub-contractor. An alliance is defined as a formal and binding business relationship between the allied parties.

Table 3.1 Responsibility Table

		Alliance Relationship between Contractor and Sub-Contractor(s)		
Company Name	Responsibility Description	Alliance Exists? (Y/N)	Date Established	Alliance Description
Contractor				
		Not Applicable	Not Applicable	Not Applicable
Sub-Contractor(s)				

SCHEDULE 4

COMPANY'S PROFILE

4.1 Each of the companies involved in this tender, including Contractor and subcontractor(s) (if any), shall provide information on the company's background, scope of operations, financial standing and certified copy of its Certificate of Incorporation or Certificate of Registration with the Ministry of Development.

Name of company :

Registration No :

Type Of Company :
(Sdn.Bhd., Partnership, Sole proprietor, Joint Venture, Trading Co.)

Authrosied Capital (B\$) : Paid-up Capital (B\$) :

Banker for the Cmpany's business:.....

Table 4 – Shareholders Table

Directors/Shareholders/ Proprietor	Percentage Share	Brunei I/C Number	Immigration Status

Current workforce (No.of persons) in Brunei :-	
a) Management :.....	b) Engineers :.....
c) Technicians:.....	d) Tradesman :.....
e) Trainee/Workman :.....	f) Others :.....
TOTAL WORKFORCE :	No. of persons

We certify that the above information is correct.

SCHEDULE 5

REFERENCES

- 5.1 Tenderers shall submit a list of customers in Table 4.1 to whom the Contractor has provided similar works and items as specified in this tender in the recent 5 years as of the Tender Closing Date.

Table 5.1 References of previous customers

Customer Name & Address	Customer Type (Gov't or Quasi-Gov't)	Contact Person	Title	Contact Number Fax Number & Email Address

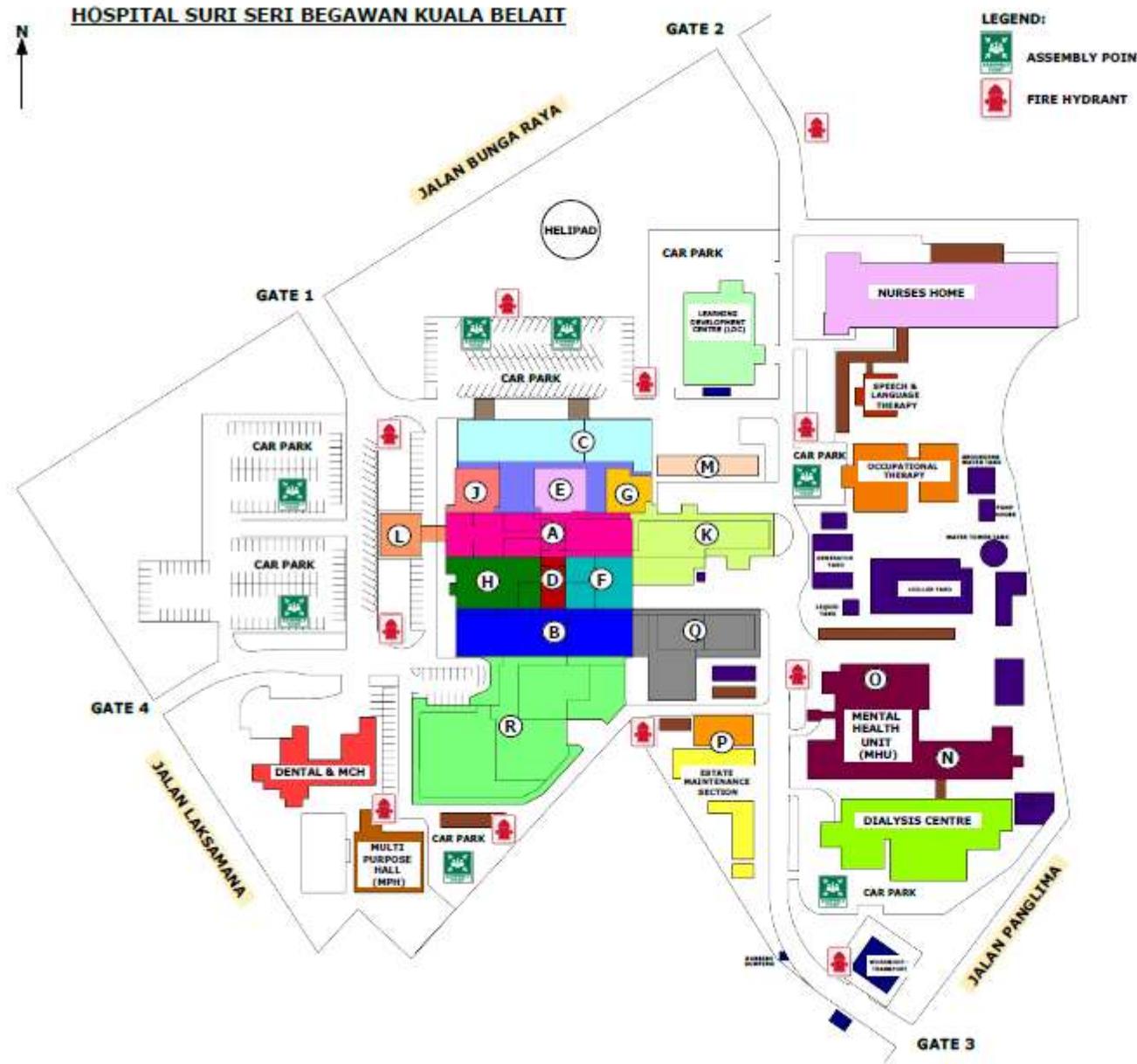
*Note: Tenderers shall indicate whether the customer is a Government or Quasi Government organisation. A Quasi Government is defined as an organisation which (1) is managed and controlled by the Government; or (2) has at least 50% shares being held by the Government. Please leave the column blank if the customer is neither a Government or Quasi Government organisation.

- 5.2 The Ministry of Health shall treat all the information submitted under this schedule in strict confidence.
- 5.3 The Ministry of Health reserves the right to contact the references for tender assessment purposes.

SCHEDULE 6

**PENGAKUAN PENENDER
*TENDERER'S DECLARATION***

HOSPITAL SURI SERI BEGAWAN KUALA BELAIT



LEGEND:

- ASSEMBLY POINT
- FIRE HYDRANT

BLOCK	A	BLOCK	G
GROUND FLOOR	Medical Record	GROUND FLOOR	Medical Record
Main Lobby		BLOCK	H
Finance Section		GROUND FLOOR	Physiotherapy
Telephone Operator		FIRST FLOOR	Surau
Surgical Out Patient Department (SOPD)		BLOCK	J
Phlebotomy		GROUND FLOOR	Pharmacy
FIRST FLOOR		BLOCK	K
Ward 3 (Male)		GROUND FLOOR	Kitchen
Ward 4 (Female)		FIRST FLOOR	Home Base Nursing Unit
SECOND FLOOR		FIRST FLOOR	Central Sterile Services Department (CSSD)
Ward 10 (Male)		BLOCK	L
Ward 11 (Female)		GROUND FLOOR	Meeting Room (Ibno Sina)
BLOCK	B	GROUND FLOOR	Customer Services
GROUND FLOOR	Kitchen	FIRST FLOOR	Supply and Procurement
Otolaryngology (ENT)		BLOCK	M
Dermatology (Skin)		GROUND FLOOR	Drivers Office
Physician (PHY)		BLOCK	N
Dietetics		GROUND FLOOR	Ward 16 - Psychiatric Ward (Male)
FIRST FLOOR		GROUND FLOOR	Ward 17 - Psychiatric Ward (Female)
Laboratory		BLOCK	O
Blood Bank		GROUND FLOOR	Psychiatric Clinic
SECOND FLOOR		BLOCK	P
Medical Social Worker (MSW)		GROUND FLOOR	Mortuary
Information Technology		FIRST FLOOR	Estate Maintenance Section
Biomedical Engineering (BME)		BLOCK	Q
Infection Control		GROUND FLOOR	Laundry
Human Resource Management (HRM)		FIRST FLOOR	Medical Store
Human Resource Development (HRD)		BLOCK	E
Nursing Management Services		GROUND FLOOR	Women & Children Health
BLOCK	C	GROUND FLOOR	Paediatric Clinic
GROUND FLOOR	Ward 16 - Psychiatric Ward (Male)	FIRST FLOOR	Obstetric & Gynaecology
Out Patient Department (OPD)		SECOND FLOOR	Intensive Care Unit (ICU)
Accident & Emergency (A&E)		BLOCK	F
FIRST FLOOR		GROUND FLOOR	Orthopaedic
Operation Theatre (OT)		FIRST FLOOR	Ophthalmology (Eye)
Ward 1 - Nephrology (Renal)		SECOND FLOOR	Ward 15 - Paediatric Ward
SECOND FLOOR			
Ward 8 - First Class Ward			
Ward 9 - Isolation Ward			
BLOCK	D		
FIRST FLOOR	Cardiology		
Ward Pharmacy			
SECOND FLOOR	Ward 12 - Endoscopy Ward		
BLOCK	E		
GROUND FLOOR	Radiology		
FIRST FLOOR	Paediatric Clinic		
X-Ray Records			
SECOND FLOOR	Intensive Care Unit (ICU)		
BLOCK	F		
GROUND FLOOR	Orthopaedic		
Ophthalmology (Eye)			
SECOND FLOOR	Ward 15 - Paediatric Ward		