

I. Introduction

The ECOWAS Bank for Investment and Development (EBID) is the Development Finance Institution of the fifteen (15) member states of the Economic Community of West African States (ECOWAS) namely: Benin, Burkina Faso, Cabo Verde, Côte d'Ivoire, The Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mali, Niger, Nigeria, Senegal, Sierra Leone, and Togo.

II. Objective:

The objective of this call for proposals is to invite suitable companies to bid for the supply and installation of the state-of-the-art simultaneous interpretation equipment to replace the old ones in the Elegbede Conference Room on the 11th floor and in the Dome at the Headquarters of EBID.

III. Specifications

Bids must meet the following technical specifications:

1. FOR THE CONFERENCE ROOM ON THE 11TH FLOOR

Description	Technical specifications	Quantity
Central Control Unit (CCU)	Compatible with wired and/or wireless stations Ethernet card (RJ45). DCN-CCU 100 to 240 Volt 360-Watt rackmount or equivalent	01
Transmitter	8-channel digital infrared emission	01
Infrared radiator	Digital 25 - compatible 32 channels transmitter power selection switch.	02
Digital receivers	Display with battery and reception status indicator	40
Audio headphones for interpreters	Beoplay h95 ferrari edition - Bluetooth 5.1 - Active Noise Cancellation - Aluminium case - USB-A to USB-C cable - 3,5 mm audio cable Microfiber cleaning cloth	10
Audio headphones for receivers	- LBB 3443 Stereos or equivalent	100
Interpreter consoles	Minimum output load impedance (Ω) 32 Ω Maximum Acoustic Input Level (dB SPL) 110 dB SPL Nominal Acoustic Input Level (dB SPL) 80 dB SPL Maximum input level (dBV) -8 dBV Rated input level (dBV) -38 dBV Rated Acoustic Output Level (dB SPL) 72 dB SPL Weight (g) 1500 g. Weight (kg) 1.50 kg Weight (lb) 3.31 lb Maximum output power (W) 65 mW Frequency response ((-3 dB) (Hz) 100 – 20000 Hz Display resolution (pixels) 800 x 480 px	06

	Display Size (in) 7 in Rated voltage (VDC) 48 VDC Tray mounting type	
Table or delegate microphones	Wired or wireless for participants	25
Long micro gooseneck rods	<ul style="list-style-type: none"> - Multidirectional microphone on gooseneck - Integrated wind protection - Not very sensitive to mobile phones - Robust connection with screw header 	25
Charging cases for receivers	For a minimum of 60 receivers	2
Rechargeable batteries for receivers	RBB4550 /10 2,4 Volt 1100 MAH or equivalent	50
Professional sound amplifier	5.0, 12V 220V 600W 2 Channels, SD/USB Card Input or equivalent	1
Computer rack for transmitter	<ul style="list-style-type: none"> - Bottom and roof plate with ventilation holes - Front glass door - Cable entry on top and bottom - Front door, rear door and side panels with locks - Completely removable - Rear door: Sheet steel - Colour: Black - 6-pin electrical strip with circuit breakers including: - 40 cage nuts - 4 adjustable feet - 8 keys ((2 per lock) 	01
Complete wiring	The supplier shall provide the necessary cabling to interconnect all the simultaneous interpreting equipment.	To be determined by the supplier
Flight cases	For transmitters, radiators, table microphones, interpreter consoles, central control unit, receivers	The supplier will propose the number of fly-cases required for all the equipment.

2. FOR THE DOME

Description	Technical specifications	Quantity
Central Control Unit (CCU)	Compatible with wired and/or wireless stations DCN-CCU 100 to 240 Volt 360 Watt rackmount or equivalent	01
Transmitter	8-channel digital infrared emission	01
Infrared radiators	Digital 25 - 32-channel compatible transmit power selection switch.	02

Table microphones		15
Long micro gooseneck rods	- Multi-directional gooseneck microphone - Integrated wind protection - Low sensitivity to mobile phones - Robust connection with screw base	15
Receivers	Display with battery and reception status indicator	250
Rechargeable batteries for receivers		250
Charging cases for receivers	For a minimum of 60 receivers	02
Headphones	LBB 3443 Stereo or equivalent	300
Interpreter Consoles	Minimum output load impedance (Ω) 32 Ω Maximum acoustic input level (dBSPL) 110 dB SPL Nominal acoustic input level (dBSPL) 80 dB SPL Maximum input level (dBV) -8 dBV Nominal input level (dBV) -38 dBV Nominal acoustic output level (dBSPL) 72 dB SPL Weight (g) 1500 g Weight (kg) 1.50 kg Weight (lb) 3.31 lb Maximum output power (W) 65 mW Frequency response (-3 dB) (Hz) 100 - 20000 Hz Display resolution (pixels) 800 x 480 px Display size (in) 7 in Nominal voltage (Vdc) 48 VDC Mounting type Tray	06
Lectern for presenters	Elegant, sturdy lectern with a flat screen prompter. Pre-equipped to accept a PA system Anti-vibration microphone jacks included and XLR plugs for connecting to a PA system	01
Professional sound amplifier	5.0, 12V 220V 600W 2 Channels, SD/USB Card Input or equivalent	01
PRESIDIUM		
Table or delegate microphones	Wired or wireless for participants	06
Long micro gooseneck rods	- Multi-directional gooseneck microphone - Integrated wind protection - Low sensitivity to mobile phones - Robust connection with screw base	10
Headphones	LBB 3443 Stereo or equivalent	10
Complete wiring	The supplier will provide the necessary cabling to connect all the simultaneous interpreting equipment.	To be determined by the supplier

Flight cases	For transmitters, radiators, table microphones, interpreter consoles, central control unit and receivers	The supplier will propose the number of flycases required for all the equipment.
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3. BIDULES

Description	Technical specifications	Quantity
Bidules Case	With 20 receivers	01

4. VIDEO CONFERENCING EQUIPMENT AND ACCESSORIES

Description	Technical specifications	Quantity
Sound card	Scarlett Focusrite brand Number of mic preamps 2 Phantom power Instrument inputs 2 Line inputs 2 Air mode Automatic gain Clip Safe Line outputs 2 Headphone outputs 1 Connectivity USB Type-C Protocol USB 2.0 etc.	02
Mixing console	8 tracks 8 Mics + 4 stereo line inputs 1 stereo Aux return SPX digital multi-effects Ultra-light, durable case (5.5 kg) 8-segment LED display Rack-mountable USB connectivity Number of inputs: 8	01

	<p>Dimensions (W x H x D): 594 x 450 x 145 mm</p> <p>Weight: 25 kg</p> <p>Series : Yamaha Ct-80S</p> <p>Type: Sound mixer</p> <p>Weight: 6 kg</p> <p>Power: 110V-240V can work</p>	
HMDI camera	<p>Wired</p> <p>Remote control diagonal at 90°</p> <p>PTZ 4K Streaming Camera</p> <p>USB3.0/HDMI/RJ45(PoE)</p> <p>Conference Camera 12X Optical</p> <p>Zoom for Streaming</p> <p>Videoconferencing</p>	02
Tripod for HDMI camera	<p>Removable plate with 1/4" screw thread</p> <p>360° horizontal rotation</p> <p>Vertical tilt +/- 90</p> <p>Quick-fix plate with 2 spirit levels.</p> <p>Maximum height 1.55 m.</p> <p>Transport dimensions: 62x16 cm.</p> <p>Weight: 1.3 kg.</p> <p>Carrying case supplied.</p>	02
Wireless HDMI transmission kit	<p>Wireless HDMI Receiver 164FT/50M</p> <p>1080P HDMI+VGA Dual Screen 5G</p> <p>Transmission for Audio Video</p> <p>Streaming From PC, Laptop to HDTV, Projector</p>	02
A Dell return or indicator screen	Inspirons 23 Series 7000 (2350)	06
HDMI switch	6 outputs	02