



PROJECT REF: L3C/LTK/B00405/2021-2022/01

**“RENOVATION WORKS FOR NEW LECTURE THEATRE AT 2ND FLOOR,
ADMINISTRATION BLOCK AT LIFELONG LEARNING CENTRE (L3C),
MINISTRY OF EDUCATION”**

BIL. No.	Keterangan Description	Kuantiti Quantity	Unit Unit
A.	<u>PROTECTION OF THE WORKS</u> Case up, cover up and like including all materials to protect the finished or part-finished works from damage or deterioration because the activities of any workpeople (including those of the Employer’s separate specialist contractors) and make good any damage caused by such want of protection until the employer takes possession. Extra care and caution shall be exercised in regard to manufacturers or specialist protective wrappings. Such wrappings shall only be removed at final cleaning up of the buildings.	1	Lot
B.	To supply architectural blue print for the Lecture Theatre.	1	Lot
C.	<u>BUILDER WORKS</u>		
1.	<u>CEILING</u>		
	a) Allow cost to supply labour, tools and other equipment to demolish existing ceiling panels c/w necessary protection to existing site condition and disposal of demolished debris.	1	Lot
	b) To supply labour and materials to install new gypsum ceiling panel c/w G.I suspension system with 2 coats of emulsion paints finished.	140	M ²
2.	<u>WALL</u>		
	a) To supply and install new wall partition using cement board with rockwool insulation, including to cover the opening of relocated door at Archive Room c/w necessary framing works in paint finish on side and acoustic panels on other side.	28	M ²
	b) To supply labour and materials to paint on one side of the new wall using ‘2 coats’ emulsion paint including preparation of wall surface.	28	M ²

	The existing wall and one side of new wall will be covered with acoustic panels.		
	c) To supply and install new tempered glass wall panel c/w necessary embedded U-channel on all edges Size: L3700 x H2750 mm	2	Lots
3.	<u>ACOUSTIC WALL PANEL</u> Fire resistant acoustic board panel, 25 and 50 mm thick combination. Fire resistant, glass wool filling necessary fabric covering as per selected colours, c/w treated timber base paneling, wall fixing accessories and edge finishing. Panel sizes in 600 x 600 mm and 600 x 1200 mm	74	M ²
4.	<u>RAISED FLOOR STRUCTURE FOR STAGE</u> a) Customized platform for presenters, using WPC Decking c/w support materials to raise floor structure for stage with suitable number of steps. Size: L5000 x D2100 x H150mm	1	Lot
	b) Supply and delivery of portable ramp for wheel chair, suitable for raised floor structure for stage	1	Unit
5.	<u>FLOOR FINISH</u> a) One layer of concrete to raise the floor suitable to cover built-in electrical floor boxes and wiring	140	M ²
	b) Supply and install carpet roll with underlay thickness 7mm. Design and colour for approval.	140	M ²
6.	<u>DOORS</u> a) Supply labour, tools and equipment to take out existing single panel door, and re-install to new location, including cutting off existing gypsum wall c/w door frame and architrave.	1	Lot
	b) To fabricate, supply and install double panel-swing tempered glass door w/ aluminium powder coated frame c/w necessary patch fittings. Size: W1800 x H2100mm	2	Sets
	c) To supply and install 1HR Fire Rated Double Leaf Door composite Fire Resistant Door in laminated finish with timber door frame c/w necessary accessories approved by Fire and Rescue Department of Brunei Darussalam. Specifications: • Size: L1800 x H2100 mm	1	Lot
	d) To supply labour and materials to cut and modify existing stainless steel railing to make opening	1	Lot

	<p>access to the existing hallway, c/w taking out of existing glass window to receive new 1HR Fire Rated Double Leaf Door composite Fire Resistant Door with timber door frame.</p> <p>Approx.: L2000 mm</p>		
	<p>e) To supply labour and materials to build new slab to connect Lecture Theatre to existing hallway in 300 x 300 mm homogeneous floor tiles</p> <p>Size: L2000 x D850 x H150 mm</p>	1	Lot
7.	<p><u>SIGNAGE</u></p> <p>a) Supply and installation of frosted sticker for the new glass door and glass wall – full height. Design and colour for approval.</p> <p style="padding-left: 20px;">i. Size: W1800 x H2100mm – Double Panel Swing Door</p> <p style="padding-left: 20px;">ii. Size: L3700 x H2750mm – Glass Wall</p> <p>b) Supply and installation of cut-out sticker with acrylic backing to be installed on top of each door.</p> <p style="padding-left: 20px;">i. Design and wording for approval</p>	2	Sets
		2	Sets
		2	Sets
8.	<p><u>ELECTRICAL WORKS</u></p> <p>To supply, install testing and commission of wiring works in PVC conduit to run above ceiling or wall partitions to the following:</p> <p>a) Colour changing LED light panel using 2 x 1.5 mm² PVC cable + 1.5mm² concealed PVC conduit. (cool white, warm white, day light)</p> <p>b) Supply and install multicolour flat LED spotlight hanging on ceiling rail with 150w c/w wiring and other necessary accessories</p> <p>c) Emergency lighting point using 2 x 1.5mm² PVC cable + 1.5mm² CPC in concealed PVC conduit</p> <p>d) Power point using 2 x 2.5mm² PVC cable + 2.5mm² CPC in concealed conduit</p> <p>e) Supply and install 4 gang 1 way switch</p> <p>f) Floor box with 2 compartment for 2 x 13A SSO outlet w/ shutter</p> <p>g) Supply and install 15W LED downlight recessed</p> <p>h) Supply and install of modern diffused rectangular colour changing LED lights, suspended on ceiling</p> <p style="padding-left: 20px;">Size: 2400 x 1800 mm</p> <p style="padding-left: 20px;">Power Consumption: 20W / meter</p> <p>Design for approval</p>	23	Units
		3	Units
		3	Units
		32	Units
		2	Units
		15	Units
		18	Units
		5	Sets

	i) Wiring air conditioner power point using 2×4mm ² CPC in PVC conduit/casing c/w 20A Double Pole Switch and add 20A 1 pole MCB at nearest DB. 1 gang 15A Cassette Airconditioning Point	2	Lot
	j) Supply and install UFO recessed mount emergency light	3	Units
	k) Minimal impact / disturbance hacking works by using appropriate hand tools on floor / wall to conceal floor box and swithes.	1	Lot
	l) Supply and install new 4 ways 60A TPN distribution board c/w 1 no 60A TPN MCCB, 3 nos. 63A 2P 30mA RCD, 18 × MCB (20A-32A) c/w other necessary accessories at designated 2 nd floor, Distribution Board Room.	1	Lot
	m) Supply and install new 60A TPN MCCB at existing main switch board c/w cabling, plugs and modification works at designated 2 nd floor, Distribution Board Room.	1	Lot
	n) Supply and install 4×25mm ² PVC cable and 1×16mm ² CPC in trunking/conduit from MSB to new DB at designated 2 nd floor, Distribution Board Room.	5	Meters
	o) Testing and commissioning for electrical works	1	Lot
	<p><u>AIRCONDITIONING WORKS</u></p> <p>Supply, delivery and installation of Cassette Type 3HP air conditioner units (Refrigerant type: R410a) complete with refrigerant piping, tube insulation, brackets, drain pipe c/w hacking, excavate and concealed drain pipe at ground floor. Make good disturbed building works, include parts one (1) year warranty, five (5) years compressor warranty and ensure the supply air conditioning are operation and in good condition until defect liability period end. (Location decided by S.O)</p> <p>a) Laying of refrigerant pipes with tube insulation, water drain pipe with not less than 25mm diameter, control 2.5mm² & electric cables (4.0mm²), bracket for outdoor unit, aluminium tray and drain pipe concealing work at ground level.</p>	2	Sets
9.	<p><u>AUDIO SYSTEM</u></p> <p>Supply, delivery and installation of Audio System comprised of:</p> <p>a) 120W Digital Amplifier</p> <p>Specifications:</p> <p>i. Power Source: 100 – 240 V AC, 50/60 Hz</p> <p>ii. Rated Output: 120W</p> <p>iii. Power Current Consumption: 207W (rated output), 39W (based on cULus standards) Max. 3A</p>	1	Set

	<ul style="list-style-type: none"> iv. Frequency Response: 50 Hz - 20 kHz, 1/8 output v. Input: <ul style="list-style-type: none"> a. INPUT 1, 2: MIC -60 dB*, LINE -20 dB*, MIC/LINE selectable 2.2k ohms, electronically-balanced, removable terminal block (5 pins) b. INPUT 3, 4: LINE -20 dB*, 10k ohms, unbalanced, RCA pin jack vi. Output: Speaker: 4 ohms, 70 V (42 ohms), 100 V (83 ohms) Removable terminal block (5 pins) vii. Control: Mute control, Remote master volume control, Power ON/OFF switch, Ground lift viii. Finish: <ul style="list-style-type: none"> a. Panel: RS resin, black; b. Case: Surface-treated steel plane, black, paint ix. Dimensions: 210 (W) X 52.5 (H) X 375 (D) mm (8.27" x 2.07" x 14.76") x. Weight: 3.9 kg (8.6 lbs.) xi. Accessory: <ul style="list-style-type: none"> a. 1 x CD (setting software), b. 1 x Large type removable terminal plug (5 pins), c. 2 x Small type removable terminal plug (5 pins), d. 6 x Bracket mounting screw, e. 6 x Plain washer, f. 1 x Power supply cord (2 m (6.56 ft.)) 		
	<p>b) Gooseneck Microphone c/w necessary accessories (for podium)</p> <p>*Specification:</p> <ul style="list-style-type: none"> i. Power source: 3V DV (2 x "AA" batteries or Phantom Power (9-52V)) ii. Microphone Element: condenser iii. Polar pattern: cardioid iv. Frequency Response: 50 Hz - 18 kHz v. Output Connector: XLR-3-32 Equivalent vi. Finish: <ul style="list-style-type: none"> a. Stand Mic: ABS Resin, Black, Paint; b. Mic Shaft: Copper alloy, Black, Paint vii. Dimensions: 110 (W) x 145 (D) x 532 (H) mm (4.3" x 5.7" x 20.9") viii. Weight: 550g (exclude batteries) ix. Accessory: <ul style="list-style-type: none"> a. 1 x Windscreen, b. 1 x XLR to Phone Jack Cable (7.5m) 	1	Set
	<p>c) 30W Universal Wall Mount Speaker c/w bracket</p> <p>Specifications:</p> <ul style="list-style-type: none"> i. Enclosure: 2-way bass-reflex type ii. Rated input: 30W iii. Sound Pressure Level: 90 dB (1 W, 1 m) 	4	Sets

	<ul style="list-style-type: none"> iv. Speaker Component: 12 cm cone-type + dome-type v. Speaker Cord: 2-core cabtyre cord with diameter of 6 mm vi. Operating Temperature: -10 °C to +50 °C vii. Finish: ABS resin, white (RAL9010 PURE WHITE), paint viii. Dimension: 196 (W) × 290 (H) × 150 (D) mm ix. Weight: 2.5 kg x. Accessory: <ul style="list-style-type: none"> a. 1 x Bracket, b. 2 x Bracket mounting screw, c. 2 x bracket mounting washer 		
	<p>d) Wireless UHF Receiver (2 – Handheld Mics) c/w two (2) wireless microphones</p> <p>Specifications:</p> <ul style="list-style-type: none"> i. Wireless Band Use: UHF Band ii. Channels: 50x iii. Microphone Type: Dynamic iv. Wireless Operating Range: 165' / 50.3' v. Frequency Stability: <0.002% vi. Sensitivity: 2 mW vii. Transmitted Power: 10 mW viii. Dynamic Range: >95 dB ix. Frequency Response: 50 Hz to 18 kHz x. Construction Material: Metal Alloy Reciever Base, Zinc Metal Mics xi. Battery: <ul style="list-style-type: none"> a. Microphones: 3.7 V Lithium-Ion, 1500 mAh, 5.5 Wh xii. Dimensions: <ul style="list-style-type: none"> a. Handheld Mic Size: 9.5 x 2.2 2.2" / 24.9 x 5.6 x 5.6cm b. Mic Receiver Base: 9.4 x 3.6 x 1.8" / 23.9 x 9.1 x 4.6cm xiii. Weight: 4.7 lb / 2.1 kg 	2	Sets
	<p>e) Wired Microphone 30 meter</p> <p>Specifications:</p> <ul style="list-style-type: none"> i. Length: 30 meter / 98.43 ft ii. Connector(s) A: XLR Female Jack iii. Connector(s) B: ¼ inch / 6.5mm Stereo Male Plug iv. Texture: Fine cooper 	2	Unit
	<p>f) Standard table microphone stand</p> <p>Specifications:</p> <p>Stand:</p> <ul style="list-style-type: none"> i. Height: 9.5 to 14.3" / 24.1 to 36.3 cm ii. Base Type: U-Base iii. Base Dimensions: 6 x 3.5" / 15.3 x 3.5cm <p>Boom:</p>	1	Unit

	<p>i. Length: 19.5"/ 49.5cm</p> <p>General:</p> <p>i. Mounting Thread: 5/8" – 27 Male</p> <p>ii. Weight: 5.4 lb / 2.4 kg</p>		
	g) Perform works of wiring 2-Pairs Copper Speaker Cable Laying c/w PVC Casing, Terminate, Installation, Setup, Testing and Commission	1	Lot
	<p>h) Wall Mounted Metal Mixer Box</p> <p>Specification:</p> <p>i. Thread Type: Cage Nut</p> <p>ii. Usable Depth: 22.5"</p> <p>iii. Door Style: Glass</p> <p>iv. Weight Capacity: 250 lb</p> <p>v. External Size: 23.5" (W) x 23.5" (D) x 24.71" (H)</p> <p>vi. Internal Width: 19"</p> <p>vii. Rails Adjustable: Yes</p> <p>viii. Locking Side Panels: Yes</p> <p>ix. Laser Knockouts: Yes</p> <p>x. Color: Black (Powder Coat)</p> <p>xi. Material: CRS (Cold Rolled Steel)</p>	1	Unit
10.	<p><u>FIRE SAFETY</u></p> <p>Supply, delivery and installation of:</p> <p>a) Approved blueprints in accordance with the latest architectural layouts and requirements before the order of materials and before the start of installation works.</p>	3	Nos
	b) 4 zone Fire Alarm Control Panel in the Lecture Theatre Room as specified complete with power connection of the Fire Alarm System c/w 7.2Ah backup battery	1	Lot
	c) Fire resistant cable for the following interconnections from the main Fire Alarm Panel to Main Fire Alarm Panel at Ground Floor, Administration Block	1	Lot
	<p>d) Inspect, set, programme, test, commission and certify the Fire Alarm System as specified.</p> <p>Note: Commissioning includes train the system users on the Fire Alarm System.</p>	1	Lot
	e) Labels and markings on all devices and equipments and a wall chart near the Fire Alarm Panel showing the whole Fire Alarm System layout	1	Lot
	f) Addressable smoke detector complete with base, below or above false ceiling as shown on drawing.	2	Units
	g) Addressable manual call point.	1	Unit
	h) External alarm sounder with strobe and battery back-up.	1	Unit

11.	<p><u>DOOR ACCESS SYSTEM</u></p> <p>Supply, delivery and installation of:</p> <p>a) Door access controller for the Lecture Theatre Room as specified, on the secure side, suitable to control 1 access control reader including power supply unit(s), backup battery, 230V power and door control.</p>	2	Lots
	<p>b) Connect a biometric fingerprint, Card and PIN code reader for the Lecture Theatre Room as specified including cable and buried PVC conduit to the door access controller.</p>	2	Lots
	<p>c) Exit button for protected side of the Lecture Theatre Room including cable and pvc conduit to the access controller.</p>	2	Lots
	<p>d) Connect a pair of magnetic contacts for access controlled door of the Lecture Theatre Room to signal to the controller that the door is open.</p>	4	Lots
	<p>e) Cable and conduit from the access control reader of the Lecture Theatre Room to the door magnetic contacts.</p>	4	Lots
	<p>f) Proximity cards that support and can be use for the 2 doors</p>	25	Units
12.	<p><u>LED SCREEN FOR LARGE FORMAT DISPLAY</u></p> <p>a) To supply and install fixed LED magnetic screen comes with stand with following specification:</p> <ul style="list-style-type: none"> • Module: <ul style="list-style-type: none"> ○ Dimensions: 256mm x 256mm ○ Pixel pitch: 4mm ○ Pixel Configuration: 1R, 1G, 1B ○ Resolution: 64 (W) x 64 (H) dots ○ Pixel Density: 62,500 dots/m² • Standard Panel: <ul style="list-style-type: none"> ○ Dimensions: 512mm (W) x 512mm (H) x 67mm (D) ○ Physical Resolution: 128mm (W) x 128mm (H) ○ Average Power/ sqm (watts): 500 watts ○ Module Quantity: 4 pcs ○ Physical Pixels (total): 16,384 ○ Max Power/sqm (watts): 1000 watts • Display Data: <ul style="list-style-type: none"> ○ Panel size: 512mm (W) x 512mm (H) ○ Panel Quantity: 10 (W) x 4 (H) / 40 pieces ○ Screen Area: <ul style="list-style-type: none"> ▪ m/sqm: 5.12 (W) x 2.048 (H) ▪ feet/sq feet: 16.80 (W) x 6.72 (H) ▪ Pixels: 128 (W) x 512 (H) 	1	Lot

	<ul style="list-style-type: none"> ○ Screen quantity: 1 ○ Total Average Power: 5,245 watts ○ Total Max Power: 10,490 watts ● Parameter Value: <ul style="list-style-type: none"> ○ Brightness: $\geq 700\text{cd/m}^2$ ○ Scan Mode: 1/32 ○ Refresh frequency: $\geq 1920\text{Hz}$ ○ Input power frequency: 60 Hertz ○ Input Voltage: AC220/110V$\pm 10\%$ ○ Blind spot rate: $< 1/10,000$ hours ○ Lifetime at 50% brightness: 100,000 hours ○ Ingress Protection: IP31 ○ Operating temperature: $-20 \sim + 50 \text{ }^\circ\text{C}$ ○ Operating humidity: 10% \sim 90% ○ Control Method: Synchronously ○ Control Distance: CAT5 cable: $< 100\text{m}$; Single mode fiber: $< 10\text{km}$ ○ Signal input format: AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI ○ Operating System: Windows (2000/XP/Vista/7) ● Items Requirement: <ul style="list-style-type: none"> ○ LED Panel: P4 (10.49 sqm) ○ Sending box: 1 pc ○ Video processor: 1 pc ○ Software: 1 set ○ Wooden case package: 15 pcs ● Recommended Spare Part: <ul style="list-style-type: none"> ○ Receiving Card: 2 pcs ○ Module: 8 pcs ○ Power supply: 3 pcs ● Free Spare Parts: <ul style="list-style-type: none"> ○ Module: 2 pcs ○ Receiving Card: 2 pcs ○ HUB Board: 2 pcs ○ LED: 50 sets ○ IC: 20 pcs ○ Mask: 20 pcs ○ Mask Screws: 100 pcs ○ Main Power Cable: 1 pc ○ Main Signal Cable: 1 pc ○ Cabinet Power Cable: 4 pcs ○ Cabinet Signal Cable: 4 pcs 		
	<p>b) To supply and install LED Display controller with the following specification:</p> <p>Features:</p> <ul style="list-style-type: none"> ● 2 types of input connectors: <ul style="list-style-type: none"> ○ 1 x SL-DVI 	2	Lot

<ul style="list-style-type: none"> ○ 1 x AUDIO ● 2 x Gigabit Ethernet outputs ● 1 x Light sensor connector ● 1 x Type-B USB control port ● 2 x UART control ports <p>Specifications:</p> <ul style="list-style-type: none"> ● Indicator: <ul style="list-style-type: none"> ○ RUN (Green): <ul style="list-style-type: none"> ▪ Slow flashing (flashing once in 2s) ▪ Normal flashing (flashing 4 times in 1s)- The video input available ▪ Fast flashing (flashing 30 times in 1s)- The screen is displaying the startup image ▪ Breathing: The Ethernet port redundancy has taken effect ○ STA (Red): <ul style="list-style-type: none"> ▪ Always on: The power supply is normal ▪ Off: The power is not supplied, or the power supply is abnormal ● Connector Type: <ul style="list-style-type: none"> ○ 1x SL-DVI input connector with up to 1920 x 1200@60Hz. ○ Custom resolutions supported: <ul style="list-style-type: none"> ▪ Maximum width: 3840 (3840x600 @60Hz) ▪ Maximum height: 3840 (548x3840 @60Hz) ○ Audio input connector ○ 2x RJ45 gigabit ethernet ports up to 650,000 pixels per port. ○ Functionality: <ul style="list-style-type: none"> ▪ Light Sensor: Connect to a light sensor to monitor ambient brightness to allow for automatic screen brightness adjustment ○ USB type-B USB 2.0 port to connect to PC. ○ UART IN/OUT: input and output ports to cascade devices. (Up to 20 devices) ○ Power: AC 100V-240V-50/60Hz ● Electrical Specifications: <ul style="list-style-type: none"> ○ Input voltage: AC 100V-240V~50/60Hz ○ Rated power consumption: 3.0W ● Operating Enviroment: <ul style="list-style-type: none"> ○ Temperature: -20°C to +60°C ○ Humidity: 10% RH to 90% RH, non-condensing ● Physical Specifications: <ul style="list-style-type: none"> ○ Dimensions: 240.0mm x 160.0mm x 48.0mm 		
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	<ul style="list-style-type: none"> ○ Net weight: 1.04 kg ● Packing Information: <ul style="list-style-type: none"> ○ Cardboard box: 280 mm x 210mm x 120mm ○ Accessories: <ul style="list-style-type: none"> ▪ Power cord: 1 pcs ▪ Cascading cable (1 meter): 1 pcs ▪ USB cable: 1 pcs ▪ DVI cable: 1 pcs ● Certifications: EAC, RoHs, CE, FCC, IC, PFOS, CB ● Video Source Features: <ul style="list-style-type: none"> ○ Single-link DVI: <ul style="list-style-type: none"> ▪ Bit Depth: 8bit ▪ Sampling Format: RBG 4:4:4 ▪ Max. Input Resolution: 1920x1200 @60Hz 		
	<p>c) To supply and install user friendly LED display controller and front-end processor with the following specification:</p> <ul style="list-style-type: none"> ● Resolution: 1920 x 1200 @60Hz ● 1x RJ45 LAN input for IP based control ● 4x RJ45 Outputs for up to 2.6million pixels of LED control ● 2x USB type A and 2x USB type B Ports ● 3.5mm Audio Jack ● Video input: <ul style="list-style-type: none"> ○ 1 x DP ○ 1 x HDMI ○ 2 x VGA ○ 1 x DVI input ○ 2 x CVBS ○ 1 x SDI ● Video output: <ul style="list-style-type: none"> ○ 1 x DVI loop / ○ 1 x DVI / ○ 1 x VGA ○ 1 x SDI ● Loop Locking IEC Power Input ● Dimensions: <ul style="list-style-type: none"> ○ 19.0" (483mm) (L) x 10.8" (275mm) (W) x 1.8" (45mm) (H) ○ Weight: 5.6 lbs. (2.55 kg) ● Electrical: <ul style="list-style-type: none"> ○ AC 100-240V – 50/60Hz – 0.65A ○ Max Power Consumption: 16W <p>Devices shall include</p> <ul style="list-style-type: none"> ○ 1x DP cable, ○ 1x VGA cable, ○ 1x USB cable, ○ 1x HDMI cable, 	1	Lot

	<ul style="list-style-type: none"> ○ 1x DVI cable, ○ 1x CAT5 Cable ○ 1x Power cable. 		
	<p>d) Supply, delivery and install HDMI splitters and connect to LED Screen and two (2) existing LED TVs.</p> <p>HDMI Splitter Specifications:</p> <ul style="list-style-type: none"> ● Video Bandwidth: 225MHz/6.75Gbps ● Input ports: 1x HDMI (Female type), 1xUSB, 1xVGA, 1xCVBS+L/R ● Output ports: 5 x HDMI (Female type) 1xCoaxial, 2xL/R ● HDMI Cable Distance: 15M/8-bit 1080p ● ESD Protection: Human body model: 8kV (air-gap discharge), 4kV (contact discharge) ● Power Supply: 12V/2.5A DC (US/EU standards, CE/FCC/UL Certification) ● Dimensions (mm): 250mm (W) X 118mm(D) X 32mm(H) ● Weight (g): 1050 g ● Chassis Material: Metal ● Silkscreen Color: Black ● Operating Temperature: 0 Celsius ~ 40 Celsius ● Storage Temperature: -20°C ~ 60 Celsius ● Relative Humidity: 20~90% RH (non-condensing) ● Power Consumption: 7.5W 	2	Units
	<p>e) Supply, delivery and install of 15 meters of HDMI cable for HDMI splitters</p> <p>HDMI Cable Specifications:</p> <ul style="list-style-type: none"> ● Backwards compatible with earlier HDMI standards ● 4K Ultra HD @50/60Hz – i.e. 2160p@50Hz and 2160p@60Hz – four times the clarity of 1080p@60Hz ● Supports HDCP2.2 ● Connector Overmold: Copper Foil wrapped around Connector housing to reinforce EMI, RFI protection. ● Up to 32bit uncompressed digital audio channels (compared to HDMI 1.4 – 8bit) ● Transfer digital audio/video signals at warp speed of 18Gbps ● Up to 1536kHz audio sampling ● Simultaneous delivery of dual video streams to multiple users (on the same screen) 	2	Units

	<ul style="list-style-type: none"> • Simultaneous delivery of multi-stream audio to multiple users (up to four) • Supports 3D/Ethernet Channel/ARC • Support for 21:9 aspect ratios • Dynamic synchronization of video and audio streams • CEC extensions provide more expanded command and control of consumer electronics devices through a single control point • Length: 15 meters 		
13.	<p><u>ROLLER BLINDS</u></p> <p>Supply, delivery and installation of roller blinds in the windows at Lecture Theatre Room, having following specifications:</p> <p>a) Each window dimension: 3500mm (L) × 3300mm (H)</p> <p>b) Each blind: Width 1750mm (W) × 3300mm (H)</p> <p>c) Types of materials:</p> <ol style="list-style-type: none"> i. Composition: 100% Polyester ii. Thickness: 0.70mm (±0.05) iii. Opacity: 100% iv. Tearing strength: very high v. Bottom weight: Colour to be chosen by Superintending officer 	1	Lot
14.	<p><u>SUPPLY AND DELIVERY OF LOOSE FURNITURE FOR NEW LECTURE THEATRE:</u></p> <p>a) Trapezoid Table</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Laminated finish table top • With 4 leg steel base legs • Legs comes with wheels • Dimension: L1200/600 x D520 x H750mm • Colour for approval 	20	Units
	<p>b) Stationary Non Swivel Office Chair</p> <p>Specification:</p> <ul style="list-style-type: none"> • Fixed + PP arm rest • Backrest and seat upholstered in cushions fabric • Epoxy metal leg • Size: 839-890 (H) mm x 540-582 (W) mm x 550-605 (D) mm • Colour for approval 	61	Units
	<p>c) Supply, delivery and installation customized Podium:</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Wooden materials, with acrylic front cover • Acrylic build up logo with LED Light 3mm 	1	Unit

	<ul style="list-style-type: none"> • Acrylic cut out for text with electrical socket • size: 49" (H) x 30" (W) x 24" (L) 		
	<p>d) Supply, delivery and installation table for presenter</p> <p>Table specifications:</p> <ul style="list-style-type: none"> • 25mm thick Melamine Faced Chipboard (MFC) woodgrain worktop complete with matching PVC edging. Size: 1200 (L) x 600 (W) x 740 (H) mm • Structure in epoxy finish • Plain metal modesty under beam 1200 (L) with at least 40"(H) 	1	Unit
<p>- Contractor are advised to visit site before quote.</p> <p>- Lump sums are not be given when unit rates are applicable. Group of items are not to be bracketed together and a lump sum amount given.</p> <p>- Sample and/or catalogues must be submitted to L3C for approval prior order and installation.</p> <p>- Making good to match existing or any parts affected during or after dismantling works whenever necessary or as directed by S.O.</p> <p>- All debris to be immediately removed off site after dismantling or demolition works or as directed by S.O.</p>			

1. Delivery and installation work shall be done in any days which are from Monday to Saturday. The operation time shall be from 8 am to 2 pm every day.
2. Before any installation begins, Superintending Officer shall monitor the area to ensure that the Company/Vendor proceeds with the installation at the right area as requested.
3. The Company/Vendor shall provide all the necessary equipment for the installation.
4. The Company/Vendor will be responsible for personal injury, loss of or damage to property and any other loss.
5. Warranty should be provided at least for **twelve months** for any manufacturing defects and servicing to include spare parts and consumables item. The Company / Vendor can provide after sale service after the warranty period ends upon request by the L3C at specified price.
6. Price shall include:
 - a) Installation / services.
 - b) Warranty
 - c) Any Additional charges

PERHATIAN:

Jika awda berminat untuk ikut serta dalam tawaran ini, awda dikehendaki mengisi **Borang Penyertaan** melalui pautan: <https://tinyurl.com/h5sv2zmw> dan membuat pembayaran secara **ONLINE** sebanyak **BND\$5.00 (tidak dikembalikan)** melalui aplikasi BIBD MOBILE. Sebelum membuat pembayaran secara online, pihak Syarikat / Pembekal bolehlah menghubungi pihak Unit Kewangan dan Perolehan di talian **+673 2346201 ext 111** atau emel: finance.l3c@moe.gov.bn untuk mendapatkan tatacara pembayaran.

Selepas pembayaran dibuat, salinan resit ataupun 'screenshot' pembayaran bagi setiap projek hendaklah terlebih dahulu diemel oleh pihak Syarikat/Pembekal yang berminat ikut serta tawaran/sebutharga tersebut kepada finance.l3c@moe.gov.bn untuk tujuan mengesahkan pembayaran.

Resit Pembayaran, Borang Sebutharga dan dokumen yang berkaitan akan dihantar kepada pihak Syarikat/Pembekal sebaik sahaja pihak Pusat Pembelajaran Sepanjang Hayat (Pusat L3) menerima 'screenshot' pembayaran Syarikat/Pembekal tersebut.

Tawaran hendaklah dihadapkan dalam sampul surat yang rapi (*sealed*) dengan menyertakan bilangan dan tajuk tawaran serta tarikh tutup tanpa menyatakan nama penender / syarikat dengan dialamatkan kepada **Pengerusi Jawatankuasa Sebutharga Pengajian Tinggi, Kementerian Pendidikan**.

Tawaran yang lengkap hendaklah dimasukkan ke dalam Peti Tawaran yang disediakan di alamat: **Tingkat 1 (Peti Surat Sebutharga), Pusat Pembelajaran Sepanjang Hayat (Pusat L3), Jalan 10 Selatan, RPN Lambak Kanan, BC2315, Negara Brunei Darussalam.**

NOTE:

*If you are interested to submit an offer, you are required to fill in the online **Participation Form** at <https://tinyurl.com/h5sv2zmw> and pay **\$5.00 (non refundable)** by **ONLINE** through BIBD MOBILE application. Before making payment online, Companies / Suppliers can contact Finance and Procurement Unit at +673 2346201 ext 111 or email: finance.l3c@moe.gov.bn to obtain payment procedures.*

After payment is made, please email a copy of the 'screenshot' receipt of payment of each project to finance.l3c@moe.govbn to confirm your payment.

The Payment Receipt (Resit Asal), Original Quotation (Borang Sebutharga Asal) and related documentation will be sent to you once we receive your 'screenshot' receipt of payment. Please make sure you use a valid email account.

*All quotation documents must be submitted in sealed envelope(s) with the quotation reference number, description of item, date advertised and closing date, on the top right hand of the envelope. Suppliers must not include their company name on the envelope. The quotation should be addressed to **Pengerusi Jawatankuasa Sebutharga Pengajian Tinggi, Kementerian Pendidikan**.*

*The completed quotation must be submitted to quotation box at **Tingkat 1 (Peti Surat Sebutharga), Pusat Pembelajaran Sepanjang Hayat (Pusat L3), Jalan 10 Selatan, RPN Lambak Kanan, BC2315, Negara Brunei Darussalam.***