## TENDERER’S TECHNICAL OFFER (Note 3)

**Note: Where in this tender document a standard, brand or label is quoted, it is to be understood that the Contracting Authority will accept equivalent standards, brands or labels. However, it will be the responsibility of the respective bidders to prove that the standards, brands or labels they quoted are equivalent to the standards requested by the Contracting Authority.**

# This form is to be filled in and submitted by the bidders as part of the tender offer. The items being offered in the Tenderer’s Technical Offer must be in conformity with the specifications requested under Section 4 – Technical Specifications, the Bills of Quantities and any Drawings issued. Where relevant, bidders are to state the brand and the model of the supplies being offered in response to the Technical Specifications (Section 4).

# Tenderers that fail to complete the requested information will be deemed as non-compliant and will not be considered further for final adjudication. The information/technical specifications provided in the below table shall not be subject to rectifications. As a result, bidders cannot change the Manufacturer/Brand during the evaluation stage as the submission of the technical offer falls under Note 3 (No rectification is allowed).

For each item offered, the respective supporting documents and printed manufacturer’s technical literature are to be submitted by the bidder as per the form marked “Literature”.

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| --- | --- | --- | --- | --- |
| **Item No.** | **Description of item required** | **Reference in Section 4 of the tender document - Technical Specifications** | **Description of the item being offered** | **The Brand / Model Number / Reference/country of manufacture, CE compliance certificate of the items being offered**  **are to be inserted next to each item in the space provided below** |
| **A.** | **Video Laser 1-chip Projector with supplied interchangeable lens**  Not less that 8,000 lumens, 2,400:1 contrast ratio minimum. Operation noise should not exceed 45dB. Resolution WUXGA or better and accept 4K signal. Projectors needs to have the following input connectors: HDMI, DVI-D, VGA, LAN, HD SDI and USB. Projectors needs to have internal keystone capabilities and has to be able to be rotated 360 degrees vertically. Including brackets for wall mounting as specified by the manufacturer of the projector. The colour (black) of the bracket should match the outer case colour black of the projector.  Lens: Powered Lens shift, Zoom and Focus, motorised and interchangeable and with edge blending facility  Remote controlled operated – projectors and their lenses shall be remote control operated. One remote control, complete with batteries, for each projector is required as part of the deliverable  Minimum Lamp life: 4000 hours full brightness  The Size of the effective display area for each projector is that shown in the drawing.  Operating temperature / 0°C to 45°C (32°F to 109°F). Operating humidity: 20% to 80% (no condensation)  Power supply cable 2m long and terminated with a 13A 3-pin UK type standard plug that complies to BS1363 | 4.2A | Colour: |  |
| Material: |
| Dimensions: |
| Weight: |
| Material: |
| Dimensions: |
| Weight: |
| **B.** | **High Resolution LCD multimedia projector and hanging brackets, with at least the following specifications:**  5,000 ANSI Lumens or better; 10,000:1 Dynamic Contrast or better; HD1080 Resolution or better; HDMI 1.4 + HDBaseT Input; Geometry Correction;  Remote controlled operated – projectors. One remote control, complete with batteries is required as part of the deliverable  Operating temperature / 0°C to 45°C (32°F to 109°F) Operating humidity: 20% to 80% (no condensation)  The Size of the effective display area for this projector is such that it can project a clear video and/or presentation on the opposite wall during a presentation  Power supply cable should be 2m long and terminated with a 13A 3-pin UK type standard plug that complies to BS1363. | 4.2B | Colour: |  |
| Material: |
| Dimensions: |
| Weight: |
| **C.** | **Top Table Media Server** (Media Engine Video Server)   * Playback multistream 4k video content; * Separate geometry correction capabilities for 6 projectors; * Masking capabilities; * Minimum of 1 HDMI/DVI Input; * Power supply cable 2m long and terminated with a 13A 3-pin UK type standard plug that complies to BS1363.   The Media Engine Video Server needs to be dedicated for extensive media production, camera-based auto-setup for soft edge blending and warping **for at least six 4K video output channels** playback in tandem,  Media Engine server needs to have dedicated software and a dedicated simple multi-track playback procedure. The system needs to support a timeline of not less than six 4K video layers playback, Multichannel audio support, Key stone correction, surface colour correction, manual softedge blending, surface geometry adaptation and advanced warping facility.  Power supply cable should be 2m long and terminated with a 13A 3-pin UK type standard plug that complies to BS1363. | 4.2C | Colour: |  |
| Material: |
| Dimensions: |
| **D.** | **Multi A/V table mount socket to connect a/v source**     * Inputs: HDMI Female; Mini DisplayPort Female; VGA 15 Pin Female; 3.5mm Audio Female; 3 x RCA Female (Composite Video + Stereo Audio); RJ45 Female Ethernet (Pass-through) * Outputs: HDMI Female; RJ45 Female Ethernet (Pass-through); USB Type A Female (5V 1.5A Power Only) * Maximum Analogue Video Input: 1920x1080p 60Hz * Maximum Digital Video Input: 1920x1080p 60Hz * Analogue Audio Support: 2 Channel Stereo (3.5mm & 2 x RCA) * Digital Audio Support: up to 7.1 Channel Surround Sound (HDMI, Mini DisplayPort) | 4.2D | Colour: |  |
| Material: |
| Dimensions: |
| **E.** | HDBT Extender | 4.2E | Colour |  |
| Material: |
| Dimensions: |
| **F.** | **Pedestal mounted interactive table touch screen monitor 55" 4K**  **Interactive table touch screen monitor 55" 4K** 20 touch with integrated Android 5.0 engine minimum, min. dual cortex A53 chipset 1.4GHz and Video Mali-450PM quadcore CPU or better, WIFI, built-in 16GB flash, at least 2GB ram - support for HTML5 browser, supporting video and audio online and offline, and file manager, with built-in speakers and USB 3 data input point. Power supply cable should be 2m long and terminated with a 13A 3-pin UK type standard plug that complies to BS1363. | 4.2F | Colour: |  |
| Material: |
| Dimensions: |
| **G1.** | **Speaker 2 Way, with wall hanging brackets**, for Auditorium  Speaker 2 Way, with hanging brackets, 5" woofer - 1" tweeter - RMS power 50W/25W/12W @ 100V 30W on 8 ohm - Freq response 100-20Khz (-10dB) SPL 1W/m @ 1KHz.:90-dB - coverage angle 1KHz/4KHz (-6db) 140° / 90°; Protection rating IP55. | 4.2G1 | Colour: |  |
| Material: |
| Dimensions: |
| **G2** | **Audio System, with wall hanging brackets**, for Audio Visual Room  The audio facility should be designed for professional surround sound with a signal to noise metric of at least 90SPL DB. 50W/25W/12W @ 100V 30W on 8 ohm - Freq response 100-20Khz (-10dB) SPL 1W/m @ 1KHz.:90-dB - coverage angle 1KHz/4KHz (-6db) 140° / 90°; Protection rating IP55. The Audio System should be capable to reach 90dB SPL for an indoor space of 9x8mtrs. There should be a minimum of 4 speakers | 4.2G2 | Colour: |  |
| Material: |
| Dimensions: |
| **H.** | **Table-top audio mixing amplifier**  The item must at least meet the following minimum requirements: Table-top mixing amplifier with the following minimum requirements: Output RMS 160W on 100V/70V/8ohm; mixing section at least 4 MIC/Line balanced inputs; 3 auxiliary unbalanced inputs; recording output; volume, treble, bass, controls - Power supply autoswitch 100~240V 50/60Hz. Power supply cable should be 2m long and terminated with a 13A 3-pin UK type standard plug that complies to BS1363. | 4.2H | Colour: |  |
| Material: |
| Dimensions: |
| **J.** | **Wireless handheld cardioid microphone**  **Wireless handheld cardioid microphone** UHF in permitted bands - 400Hz-570Hz range, up to five devices usable concurrently in the same location without interference and diversity receiver. Suitable for use with item ‘H’. | 4.2J | Colour: |  |
| Material: |  |
| Dimensions: |  |
| **K.** | **Wired handheld cardioid microphone for vocal application**  **Wired handheld cardioid microphone for vocal application** with on-off switch and XLR cable at least 10m long. Suitable for use with item ‘H’. | 4.2K | Colour: |  |
| Material: |
| Dimensions: |
| **L.** | **Table type Professional microphone stand**  **Table type Professional microphone stand** having telescopic boom, tripod aluminium base, adjustable height. Suitable for use with item ‘K’. | 4.2L | Colour: |  |
| Material: |
| Dimensions: |
| **M.** | **All dedicated A/V cables, including passage of cables through conduit installed by others and sockets at wall terminations near technical table in the audio/visual room**  NOTE: Each projector shall be individually wired from the server. For the sake of pricing cable lengths are assumed to be 100m but exact measurements will be taken on site and will be paid pro-rata. Should cable lengths exceed the limits of length, any necessary equipment shall be added to compensate. This equipment is considered to be part of the scope of the works and is to be listed under unbilled items to make system complete. If bidders fail to list it under unbilled items to make system complete, it will not be considered as a variation. | 4.2M | Colour: |  |
| Material: |
| Dimensions: |
| **N.** | **All dedicated A/V cables, including passage of cables through conduit installed by others and sockets at wall terminations near technical table in the Auditorium**  For the sake of pricing cable lengths are assumed to be 30m but exact measurements will be taken on site and will be paid pro-rata. Should cable lengths exceed the limits of length, any necessary equipment shall be added to compensate. This equipment is considered to be part of the scope of the works and is to be listed under unbilled items to make system complete. If bidders fail to list it under unbilled items to make system complete, it will not be considered as a variation. | 4.2N | Colour: |  |
| Material: |
| Dimensions: |
| **O.** | **Full installation**  The Contractor shall carry out full installation, including all necessary access equipment, scaffolding, etc., connections, testing and commissioning, certification, supply of consumables and training of Client personnel.  Consumables to include Projector LAMPs and Projector Lamp Holder connectors and any other recommended spare parts for 3 years shall be part of the deliverables of this Contract. Additionally, a priced recommended spare part and consumables list is to be submitted together with the Tender offer on the form provided. Prices shall remain valid for 5 years.  Installation (including wiring) of the required equipment is part of the tender requirements. | 4.2O | Colour: |  |
| Material: |  |
| Dimensions: |  |
| **P.** | **Automated lighting controls including the following:**  The item must at least meet the following minimum requirements:   * - a series of qty 15 par light colour changer including dmx capability; full spectrum of light with the unsurpassed colour mixing of COB (Chip-on-Board) technology. The COREpar shall include a magnetic Fresnel lens which allows the flexibility to go from ultra-wide to narrow beam in seconds. Product shall have a robust housing to protect it * - small desk-top light desk mixer, a compact lighting controller which allows you to control up to 8, 16- channel fixtures; can store up to 6 sets of chases with up to 999 scenes, has the ability to reverse sliders and re-assign channels when needed * - Qty 15 DMX 3pin high quality and noiseless cables 12mtrs each * - Qty 6 2mtrs truss stands to be floor staged to mount 10 floor par lights on the left and right hand sides of the room. Truss shall be strong and sturdy such that it can be used to create different structures, stage rigging or exhibitions. It should feature a construction of 51 x 2 mm (approx.) main tubes and 16 x 2 mm (approx.) diagonal tubes; it shall also be equipped with conical coupling systems for fast and easy assembly | 4.2P | Colour: |  |
| Material: |
| Dimensions: |

**Technical Offer Declaration:**

I / We declare that as part of our technical offer, we confirm that the supplies will be provided out in accordance with the Technical Specifications (Section 4), as detailed in the Bills of Quantities and as per Drawings.

Name of Tenderer / Company: ............................................................

Signature:................................................... Date:...........................

(*the person or persons authorised to sign on behalf of the tenderer*)