



## SUPPLEMENTAL / BID BULLETIN (SBB) ADDENDUM NO. 01

This SBB Addendum No. 01 dated 9 December 2024, for the Project: **“PROCUREMENT OF EQUIPMENT FOR COMPLETED PROJECTS-OTHER MACHINERY AND EQUIPMENT”** is issued to clarify, modify or amend items in the Bidding Documents. Accordingly, this shall form an integral part of said Documents (*Note: For this SBB and a better understanding of its contents, the following rules shall apply: (a) ~~Double Strike-out~~ – denotes deletion, and (b) Underline with yellow highlights – implies inclusion or new item/requirement*).

PARTICULARS		CLARIFICATION / AMENDMENT		
Based on the Discussion regarding the project , the following are the revisions:				
1. Revision on the Technical Specifications				
ITEM NO.	ITEM AND DESCRIPTION	QTY	UNIT	STATEMENT OF COMPLIANCE
				<i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the Equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of Specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder’s statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification, or the execution of the Contract may be regarded as fraudulent and render the Bidder or Supplier liable for prosecution subject to the applicable laws and issuances.]</i>
Lot 1	<b>DIGITAL ENHANCED GYMNASIUM AND INNOVATORIUM</b>			
1	<b>a. GYMNASIUM</b> <b>Led Wall - 1 unit 8400mm x 2343mm (for the center of the stage)</b> <b>LED screen: P3.91 Outdoor rental led screen with 500x500mm cabinet size (W8.5m*H2.5m=21.25sqm) - 22</b> Control system (VX600) - 1 Receiving card - 85			



<p>Flight Case 8 in 1 - 11          Spare parts LED modules - 22          Receiving card - 10          Power supply - 10</p> <p><b>Led Wall - 2 units 3500mm x 2343mm (for the left and right wing of the stage)</b>  <b>LED screen:</b> P3.91 Outdoor rental led screen with 500x500mm cabinet size (W<del>8.5m</del> <b>3.5m</b>*H2.5m=<del>21.25sqm</del> <b>17.5sqm</b>)          Receiving card - 18          Flight Case 8 in 1 - <del>70</del> <b>9</b>          Spare parts LED modules - 11          Receiving card - <del>40</del> <b>70</b>          Power supply - 10          Roughing-in and consumable materials</p> <p><b>b. Ultra Short Throw Laser Projector and Motorized Projector Screen 150 inch (INNOVATION CENTER)</b>          Motorized Projector Screen (1 Unit) 150inch,4K/8K Ultra HD Ready Matte White Diag 16:9,Drop Down Electric Projections screens, Mounting type: Wall Mount, Ceiling Mount          Product dimensions: 2.14W x 3.62H Meters          Material: Polyester          Display dimensions: 84.1 x 142.6 inches          EpiqVision Ultra LS800 4K PRO-UHD Laser Projection TV Projection Technology: (1 Unit)          RGB liquid crystal shutter projection system (3LCD) LCD:          Size: 0.62" (C2 Fine)          Light Source:          Type: Laser Diode          Life: 20,000 hours (Normal / Eco)          Aspect Ratio:          16:9          Resolution:          On-Screen (Maximum): 4K*1          Pixel Number: 4.2M Dots (1920 x 1080 x 2)          Native Resolution:          1080p          Projection Lens:          Type: No Optical Zoom / Focus (Manual)          F-Number: 1.8          Focal Length: 2.3 mm          Zoom Ratio: 1 – 2.5 (Digital Zoom)          Throw Ratio (Wide – Tele): 0.16 – 0.40          Specification led wall:          Module:          1 Pixel Pitch 3.91mm          2 Pixel Configuration 1R1G1B          3 Lamp Nationstar SMD1921          4 Module Resolution 64pixels x 64pixels          5 Module Pixles 4,096pixels          6 Module Size 250mm x 250mm</p>			
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- 7 Module Weight 0.8kgs  
Cabinet Specification:  
1 Cabinet Size(W\*H\*D) 500(L) x 500(H) x 90(D)mm  
2 Cabinet Resolution 128pixels x 128pixels **dots**  
3 Module Quantity 2pcs x 2pcs=4pcs  
4 Cabinet Pixels 16384pixels  
5 Pixel Density 65,536pixels/m<sup>2</sup>  
6 Average Power Consumption 240W/m<sup>2</sup>  
7 Max. Power Consumption 720W/m<sup>2</sup>  
8 Material Die-Cast Aluminum  
9 Cabinet Weight ~~45~~ **7.5** kgs  
**10 Installation Type: Hanging/Stacking**  
**11 Maintenance Type: Front and Rear**
- Screen Parameters:  
1. Screen Area W8.5m\*H2.5m=21.25sqm  
2 Whole Screen Resolution 1392640pixels  
3 Cabinet Quantity 85pcs  
4 Brightness ~~4500~~ **4000**cd/m<sup>2</sup>  
5 Driving Method 1/16 scan  
6 View Angle Horizontal 120° Vertical 120°  
7 Optimal Viewing Distance 4m-100m  
8 Brightness Control Red,Green and Blue 256 Grade/Each  
9 Fresh requency 3840Hz  
10 Frame Frequency 60Hz  
11 Input Voltage AC220V/50Hz or AC110V/60Hz  
12 Defects Rate ≤0.0001  
13 Driving IC \_  
14 Screen Weight 31kgs/m<sup>2</sup>  
15 MTBF >10,000 hours  
16 Life Span ≥100,000 hours  
17 Module Display Brightness Uniformity <3%  
18 Earth Leakage Current <3mA  
19 Protective Grade IP65  
20 Temperature-operating - 30°C~+65°C  
21 Humidity-operating 10%~95%  
22 Power Supply Chipshow  
23 Controlling System Novastar  
24 Operating System Win 7/Win 98/me/2000/NT/XP
- Other requirements for Led Wall:**  
**Proof of track record of providing similar products or services in any government agency for the past (5) five years with at least one certification of completion and acceptance from the clients**
- Must have the following certificates for LED Wall atleast (2) two of the following:**  
a. CE  
b. CCC  
c. ROHS  
d. ISO9001





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	<p><u>Certificate from the manufacturer that the LED wall undergone minimum test for: if any</u>  <u>Vibration testing</u>  <u>Humidity testing</u></p> <p><b>c. SOUND SYSTEM GYMNASIUM</b></p> <p>10" Dual LineArray Passive Speaker (2 units) <b>4 Set each unit</b>        System type Dual 10-inch linear array speakers        Frequency Range 60Hz-19KHz        Sensitivity LF:102dB /HF:116dB        Input resistance LF:8OHMS/HF:8OHMS        Rated power LF:500W/HF:100W        Maximum sound pressure level LF:133dB/HF:138dB        Coverage H100°xV10°        Input interface 2x Speakon NI6        Size 768x430x280mm        Net weight 30KG        Authentic Kevler Power Amplifier (1 unit)</p> <p><u>High current toroidal transformer, 2 ohms stable</u>  <u>Front mounted gain control for easy access</u>  <u>Dual variable speed fans</u>  <u>Selectable input sensitivity</u>  <u>Stereo, parallel, bridge mode selection</u>  <u>Balance XLR input</u>  <u>Speakon and binding post speaker output</u>  <u>Strong built metal chassis</u>  <u>Lowpass filter selection</u></p> <p>18" Active Sub-Woofer (2 units)        12" Monitor Speaker/ floor speaker (2 units)</p> <p><u>Dimension Shipping: 700*430*450(mm)</u>  <u>Output Power: 450W</u>  <u>Connection Type: Electrical Wire</u>  <u>Shell Materials: Wood</u>  <u>Body Materials: Wood</u>  <u>System: 2-way Full Range</u>  <u>Magnet LF/HF: Ferrite/Ferrite</u>  <u>LF/MF/HF Drive: LF12"/HF 4Core</u>  <u>Nominal Impedance: 8ohms</u>  <u>Maximum SPL 134dB</u>  <u>Net Weight: 20Kg</u></p> <p>8 Channel Digital Audio Mixer (1 unit)</p>			
<b>Lot 2</b>	<b>INNOVATION CENTER SECURITY SURVEILLANCE</b>			



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1	Light Fixed Bullet Network Camera (outdoor) 8MP 4K RESOLUTION COLORVU COLORED 24/7 with BUILT-IN MIC DS-2CD2T87G2-LSU/SL  8 MP ColorVu	15	unit	
2	Light Fixed Dome Network Camera (indoor) 8MP 4K RESOLUTION COLORVU COLORED 24/7 with BUILT-IN MIC DS-2CD2387G2-L  8 MP ColorVu	30	unit	
3	Network Speed Dome PTZ camera DS-2DE7A432IW-AEB(T5) Acusense technology - 4mp 5.9-188.8 mm lens, 32x optical zoom, 16x digital zoom, max, 200m IR distance, H.265+,	2	units	
4	32-ch 1.5U K Series AcuSense 4K RESOLUTION NVR  Up to 32-ch IP camera inputs  H.265+/H.265/H.264+/H.264 video formats  Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity  Up to 256 Mbps incoming bandwidth  Adopt Acusense technology to minimize manual effort and security costs	2	units	
5	10TB SATA Surveillance Hard Drive	2	unit	
6	SMART T. V, 65" 4K SMART	2	unit	
7	Gigabit Unmanaged POE Switch 4 Port DS-3E0505HP-E L2, Unmanaged 1 100Mbps Hi-PoE port 3 100Mbps PoE port 1 gigabit uplink port PoE power budget 60W max. 300m long range transmission	8	unit	
9	Gigabit Unmanaged Ethernet Switch 8 Ports DS-3E0510P-E/M 8 Ports Gigabit Unmanaged Ethernet Switch L2, Unmanaged 8 100Mbps PoE ports 1 gigabit uplink port 1 gigabit fiber optical port PoE power budget 58W max. 300m long range transmission	4	unit	
9	Gigabit Unmanaged POE Switch 24 Ports DS-3E0528HP-E L2, Unmanaged 4 100Mbps Hi-PoE ports 20 100Mbps PoE ports 2 gigabit uplink ports	2	unit	



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	2 gigabit fiber optical ports PoE power budget 370W max. 300m long range transmission			
10	DATA CABINET	1	unit	
11	UTP Cat6 Pure Copper Outdoor (305 meters/ Box)	5	boxes	
12	Heavy Duty Steel Box Powder Coated Terminal Junction Box	2	pcs.	
13	Pull Box for CCTV camera Metal Powder coated Heavy Duty	50	pcs.	
14	Electrical Wire, Electrical Safety Circuit Breaker KSB 2P 30A, #12 THHN Electrical Wire, Electrical Tape Molding, PVC Conduits, Wire Extension, RJ45, TV Bracket accessories and peripherals	1	lot	
15	Labor -Roughing-ins for Backbone: PVC pipes, pull box, hangers, clamps, fittings and consumable materials -Roughing-ins for CCTV cameras: PVC pipes, pull box, hangers, clamps, fittings and consumable materials -Labor and Installation of Wires, Cable Splicing and jointing, Configuration, Testing and Commissioning of IP Cameras, Wires and Devices -Training for basic Troubleshooting. -Management Training for the END USER, and Security guidelines. Cable Trays -Mobilization, Demobilization	1	Lot	
<b>Lot 3</b>	<b>INNOVATION CENTER GENERATOR SET</b>			
1	Voltage: 400V AC (L-L) with Neutral Terminal, Frequency: 60Hz, Power Output: <del>474</del> 175 kVA, Phases: 3-phase, Power Factor: 0.8 PF, Alternator Type: Brushless, self-excited alternator, usually with an automatic voltage regulator (AVR), Insulation Class: Typically Class H or F for the alternator windings, Engine Type: Diesel, Cooling System: Radiator-cooled, Starting System: Electric starter motor (High-capacity lead acid battery c/w battery cables), Sound Attenuation: Includes soundproof enclosures, Exhaust System: Includes silencers, Control Panel: Smartgencontrol panel or its equivalent- Digital, featuring meters for voltage, current, frequency, power, etc.), Circuit Breakers: Protection against overload and short circuits (Independent overload protection), Engine Protections: Includes oil pressure, coolant temperature, and overspeed protection Skid-mounted bottom fuel tank for 8 hours full load as standard supply, Vibration damping supports between Engine/Alternator and base	1	Lot	





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	frame  <b>Other Requirements:</b> Standard tool kits Engine/Alternator/Control Panel, etc., Battery Charger 650A Heavy Duty: 220V, 50-60Hz, Charging Voltage 12/24V, Three Phase Supply Protection for Phase loss, Over and Under voltage, 200mm2 THHN Copper Wire Stranded- 30m, Installation/ electrical works/ delivery, Training and orientation on operation and preventive maintenance on site during commissioning and testing and Technical assistance during warranty period (through a phone call or any other means of communication)			
<b>Lot 4</b>	<b>ICT MODERNIZATION EQUIPMENT</b>			
1	Smart TV, 75" 4K HDR Processor X1™ 4K X-Reality™ PRO Dynamic Contrast Enhancer Triluminous Pro™ Live Color™ Technology Motionflow™ XR 240 (Native 60 Hz) High Dynamic Range (HDR10, HLG, Dolby Vision) Frame Backlight Dimming 60 Hz Panel Refresh Rate Dolby™ Audio Dolby™ Atmos 10 W + 10 W Audio Power X-Balanced Speaker Bass Reflect Speaker Full Range (Bass Reflex) x 2 with Movable stand and 75" Heavy Duty Full-Motion Double-Arm Flat & Curved Monitor LCD LED TV wall Mount	2	unit	
2	<b>All in on PC</b> C27-1751 27in FHD max resolution (1920x1080) LED, Brightness (cd/m2(sad) 250nits), IPS   Intel Core i7-1260P processor   8GB soDIMM DDR4   512 GB M.2 2280 PCI-E SSD   <del>NVIDIA GeForce MX550 with 2 GB of GDDR6</del> <b>with atleast 2 GB dedicated graphics</b> Windows 11 Home SL with Perpetual MS Office for Home & Student and 1year anti virus,	25	unit	
3	UPS, 800VA, Floor/Wall Mount, 230V, 4x Universal outlets	30	unit	
4	Authentic Bose S1 Pro Digital Active Speaker with stand	2	unit	
5	Authentic Kevler Power Amplifier	2	unit	
6	1 set of Dual UHF Professional Wireless Handheld Microphone, 32 Selectable Frequencies	2	unit	
7	Scanner DS-1630 flatbed 25 ppm/10 ipm2 1,500 pages/day peak duty cycle4 SuperSpeed USB 3.0 TWAIN/ISIS drivers Flatbed w/ ADF 50 page capacity	2	unit	
8	corelDraw Licence Software	2	unit	
9	Laptop, i7 Intel Processor 14th Gen. 15" with Perpetual Msoffice and 1 year anti virus <b>atleast 512 SSDM.2 Storage minimum RAM of 16 GB</b>	4	unit	
10	Thermal Transfer Desktop Printer ZD421c TT	2	unit	



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11	Barcode Scanner, DS2278-SR Cordless Handheld 2D/1D	1	unit	
12	<p>Access Point            Dimensions Ø197 x 35 mm (Ø7.76 x 1.38")            Weight Without mount: 460 g (1.01 lb)            With mount: 600 g (1.32 lb)            Enclosure material Plastic            Mounting material SGCC steel            Weatherproofing IP54            Management interfaces Ethernet            Bluetooth            Networking interface (1) GbE RJ45 port            Button Factory reset            LED* White/blue            *Due to chip supply shortages, the U6 AP's LED has been limited to only white and blue color modes.</p> <p>Power method PoE+            Power supply UniFi PoE switch            48V, 0.5A PoE adapter (not included)            Supported voltage range 44 to 57VDC            Max. power consumption 13W            Max. TX power            2.4 GHz            5 GHz 22 dBm            26 dBm            MIMO            2.4 GHz            5 GHz 2 x 2 (UL MU-MIMO)            4 x 4 (DL/UL MU-MIMO)            Throughput rate            2.4 GHz  <b>(inclusive of installation and configuration)</b></p>	20	unit	
13	<p>Managed Switch            Dimension 442 x 285 x 44 mm (17.4 x 11.2 x 1.7")            Weight Without mounting brackets: 4.3 kg (9.5 lb)            With mounting brackets: 4.4 kg (9.7 lb)            Management interface Ethernet In-Band            Networking interface (24) GbE RJ45 ports            (2) 1/10G SFP+ ports            PoE interface (16) PoE/PoE+ (Pins 1, 2+; 3, 6-)            (8) 60W PoE++; PoE/PoE+ (Pins 1, 2+; 3, 6-) / PoE++ (Pair A 1, 2+; 3, 6-) (Pair B 4, 5+; 7, 8-)            Total non-blocking throughput 44 Gbps            Switching capacity 88 Gbps            Forwarding rate 65.472 Mpps            Power method (1) Universal input, 100—240V AC, 50/60 Hz            (1) USP-RPS DC input, 52V DC, 7.69A; 11.5V DC, 2.61A            Power supply AC/DC, internal, 450W            Supported voltage range 100—240V AC            Max. power consumption 50W (Excluding PoE output)            Total available PoE 400W            Max. PoE wattage per port by PSE PoE+: 32W</p>	5	unit	





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	PoE++: 64W Voltage range PoE mode PoE: 44—57V PoE+: 50—57V ESD/EMP protection Air: ± 16kV, contact: ± 12kV LCM display (1) 1.3" touchscreen Button Factory reset Shock and vibration ETSI300-019-1.4 Standard <u><b>(inclusive of installation and configuration)</b></u>			
14	Desktop <del>40L-GT21-0126m</del> , Windows 11 Home 64-bit, AMD Ryzen 9 5900X W/RGB Liquid Cooling (3.7 GHz up to 4.8 GHz, 64 MB L3 cache, 12 cores) AMD B550 Chipset, RAM Memory- HyperX 16 GB DDR4-3733 MHz XMP RGB Heatsink, NVIDIA GeForce RTX 3060 512 GB WD Black PCIe NVMe TLC M.2 SSD, 310 Black Wired Keyboard and mouse combo, (12 GB GDDR6 dedicated) with LHR, Display Connectors: HDMIx1, DPx3, with MS Office CSP Licence	5	unit	
15	Curved Monitor 34WP85C 34" (inches) 34" 21:9 UltraWide QHD Display, Display Type-IPS, Size 34" (inches) Panel IPS Refresh Rate 60 Hz Min Response Time 5 ms Screen Aspect Ratio 21:9 Screen Resolution 3440 x 1440	5	unit	
16	AID3000 Pro Aide Pro LCD 1800W-3000VA UPS with AVR Uninterruptible Power Supply (6 Sockets)	5	unit	
<b>Lot 5</b>	<b>MEDICAL LABORATORY EQUIPMENT</b>			
1	3B Smart Anatomy-stan on Hanging Stand All 3B Scientific human skeleton models offer highest quality in workmanship and materials <ul style="list-style-type: none"> <li>• Life-size and realistic weight</li> <li>• Top-quality cast from real specimens</li> <li>• Extremely accurate in every detail with final assembly carried out by hand</li> <li>• Made from a durable, unbreakable synthetic material</li> <li>• 3-part assembled skull with magnetic connections</li> <li>• Limbs can be removed quickly and easily</li> <li>• Movable joints for demonstration purposes</li> <li>• On a stable metal stand with 5 wheels for secure relocation</li> <li>• Transparent dust cover included</li> <li>• Includes 3B SMART ANATOMY</li> </ul> 3B SMART ANATOMY Stan on Pelvic Mounted Roller Stand 176.5 cm; 9.57 kg 3B SMART ANATOMY Stan on Hanging Stand 192.5 cm; 8.77 kg Recommended: Heavy	1	set	



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	<p>Duty Protective Cover, Black          Protect your investment with our  <b>MAX THE CLASSIC SKELETON          WITH MUSCLE INSERTIONS          AND ORIGINS</b>          This skeleton contains all the standard benefits of a 3B Scientific Skeleton plus painted muscles to demonstrate the structural interaction between bones and muscles. It depicts over 600 structures of medical/anatomical significance including muscle origins (red) and insertions (blue) on the left side.  <b>DEMONSTRATE THE STRUCTURAL INTERACTION BETWEEN MUSCLES AND BONES WITH MAX</b>          All features exclusive to Max at a glance:</p> <ul style="list-style-type: none"> <li>• Shows the structural interaction between bones and muscles</li> <li>• Depicts over 600 structures of medical significance</li> <li>• Painted muscle origins in red and insertions in blue</li> <li>• Includes 3B SMART ANATOMY</li> </ul> <p><b>3B SMART ANATOMY</b>          Max on Pelvic Mounted Roller Stand          176.5 cm; 9.57 kg  <b>3B SMART ANATOMY</b>          Max on Hanging Stand          192.5 cm; 8.77 kg</p>			
2	<p>Protective Cover <span style="float: right;">Heavy Duty</span>          Protective Cover, Black          Protect your investment with our heavy-duty protective cover. Suitable for all 3B Scientific full-size skeletons.</p>	1	set	
3	<p>B Smart Anatomy MAX on Hangin Stand <span style="float: right;">This skeleton</span>          contains all the standard benefits of a 3B Scientific Skeleton plus painted muscles to demonstrate the structural interaction between bones and muscles. It depicts over 600 structures of medical/anatomical significance including muscle origins (red) and insertions (blue) on the left side.  <b>DEMONSTRATE THE STRUCTURAL INTERACTION BETWEEN MUSCLES AND BONES WITH MAX</b>          All features exclusive to Max at a glance:</p> <ul style="list-style-type: none"> <li>• Shows the structural interaction between bones and muscles</li> <li>• Depicts over 600 structures of medical significance</li> <li>• Painted muscle origins in red and insertions in blue</li> <li>• Includes 3B SMART ANATOMY</li> </ul> <p><b>3B SMART ANATOMY</b>          Max on Pelvic Mounted Roller Stand          176.5 cm; 9.57 kg  <b>3B SMART ANATOMY</b>          Max on Hanging Stand          192.5 cm; 8.77 kg</p>	1	set	



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4	<p>SAM Super Skeleton with Elasticated Ligaments</p> <p>This skeleton contains all the standard benefits of a 3B Scientific Skeleton plus a bendable vertebral column, ligaments and painted muscles. Sam's fully flexible vertebral column allows you to demonstrate all natural postures, including the movements of the skull and head joints. The unique combination of a flexible vertebral column, muscle origins and insertions, flexible joint ligaments, and a disc prolapsed between the 3rd and 4th lumbar vertebrae allow you to display over 600 structures of medical/anatomical interest with this top of the line model.</p> <p><b>SAM IS YOUR ALL-PURPOSE TEACHING TOOL FOR ALL LEVELS OF STUDENT OR PATIENT EDUCATION</b> Sam</p> <p>the Super Skeleton does it all:</p> <ul style="list-style-type: none"> <li>• Hand-painted muscle origins and insertions</li> <li>• Flexible spine and ligaments for natural postures (can be removed from stand)</li> <li>• Slipped disc between the 3rd and 4th lumbar vertebrae</li> <li>• Protruding spinal nerves and vertebral arteries</li> <li>• Full flexibility of limbs on left side, right side has full flexibility of knee and hip with limited flexibility of elbow and shoulder</li> <li>• Includes 3B SMART ANATOMY</li> </ul> <p>3B SMART ANATOMY          Sam on Pelvic Mounted Roller Stand          176.5 cm; 10 kg</p> <p>3B SMART ANATOMY          Sam on Hanging Stand          192.5 cm; 10 kg</p>	1	set	
5	<p>DISARTICULATED FULL SKELETON, WITH MUSCLE ORIGINS AND INSERTIONS</p> <p>This disarticulated 3B Scientific Skeleton is hand painted to show muscle origins in red and muscle insertions in blue on the left side. The skull is detachable into 3-parts for detailed anatomical study. Consists of 179 pieces.</p> <ul style="list-style-type: none"> <li>• Both hands and feet are wire mounted</li> <li>• Vertebral column strung on thin, nylon wire</li> <li>• Supplied in a sturdy partitioned cardboard storage box</li> </ul> <p>48.5 x 27 x 42.5 cm; 6 kg</p>	1	set	
6	<p>Life Size Male Pelvis. 2 part</p> <p>The male pelvis anatomy model is shown in median section. One half of male genital organs with bladder, shown at the normal position in the male pelvis. The rectum is removable for a more detailed study of the male pelvic anatomy. Delivered on baseboard offering the possibility to be mounted to the wall.</p> <p style="text-align: right;">41 x 31</p> <p>x 17 cm; 2.5 kg</p>	1	set	
7	<p>Female Pelvis Skeleton with Genital Organs, 3 part</p> <p>This model is especially suitable for studying the position of female genital organs in the pelvis. It consists of a natural cast female pelvis with a movable symphysis, hip bone, sacrum, coccyx, 4th and 5th lumbar vertebrae, and a female genital insert with rectum. The bladder and a portion of the uterus with one fallopian tube and ovary can be removed. The soft</p>	1	set	





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	tissues are molded from durable, soft vinyl. 33 x 26 x 18 cm; 2 kg			
8	<p>Male Pelvis with Ligaments, Vessel, Nerves, Floor and Organs &amp; Pelvic Extensive educational tool for a better understanding of the comprehensive anatomy of the male pelvis. For close up study, the pelvis splits into two halves and the following parts can be removed: Left half of the fifth lumbar vertebra, rectum, bladder, prostate and penis.</p> <ul style="list-style-type: none"> <li>• Includes bones, ligaments, vessels, nerves, pelvic floor muscles, and external sex organs</li> <li>• All structures are anatomically accurate in every detail</li> <li>• Can easily be taken apart using magnetic connections</li> <li>• Extremely durable material. Comes on sturdy base</li> </ul> <p>21 x 28 x 31 cm; 3.12 kg</p>	1	set	
9	<p>Deluxe Human Demonstration Dental Skull Model, 10 part Exceptional quality and anatomical detail! The skull cap is removable and the base of the skull is mid-sagittally divided. The anatomy of the human skull is easy to learn and teach using this model.</p> <p>The model features the following details, fitted with flaps that can be opened to view internal structures:</p> <ul style="list-style-type: none"> <li>• Frontal sinus, perpendicular lamina and vomer can be opened to view the lateral nose wall and sphenoidal sinus</li> <li>• Left side temporal bone can be removed and folded up in the area of the tympanic membrane</li> <li>• Maxilla and mandible of the skull are opened to reveal the alveolar nerves</li> <li>• Right side the temporal bone is opened to reveal the sigmoid sinus, the facial nerve canal and the semicircular ducts</li> <li>• Right side flap at maxillary sinus and the right half of the mandible, so that the dental roots of the premolars and molars of the lower jaw can also be viewed</li> </ul> <p>The natural occlusion and the individual removal and replacement of each tooth also make this skull especially interesting for dentists. This is a spectacular model whether you use it as a dental skull or for other purposes.</p> <p>28 x 22.5 x 18.5 cm; 1.5 kg</p>	1	set	
10	<p>Display cabinet w/out glass cover          Technical Characteristics Showcases          structure with epoxy coating          glass shelves          doors with glass          base          *Dimensions: 90x35x150cm</p> <p style="text-align: right;">Tech-          *Steel          *Four fixed          *Two glass          *Stainless steel          *Optional: Painted Base</p>	2	set	
11	<p>Display cabinet w/ glass cover LF01 Full glass sliding door cabinet adjustable shelves storage, high cabinet          *Dimension: 90w X 40D X 185 Hcm          *Materials: Metal / glass          *Color: Beige, Light Gray, Two-tone (Depends on Availability)</p>	2	set	



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	*4 Adjustable shelves *With keylock			
12	Table, operating - The table is supplied for surgical operation of chest, abdomen, E.E.N.T, gynaecology and obstetrics, orthopaedics department. It is elevated by feet-oil pump, mechanical transmission are applied forehead operation in other parts of the unit. Min. & max. height for table top: 1040mmx800mm/3008(S) 1020mmX780mm Max. degree for tabletop for ward and backward tiltig: forward S25° backward 525° 3008(5) forward ^22° backward > Tf Max. degree for tabletop left and right titling: left & 18° rights 18° Max. degree for back rest adjustment: up & 75° down & 100/ down 5*1 5° (S) Length and width for tabletop: 100 nmX480mn/3008 (5) 2000ir, MiX5QOmm Ma waist rest up to: 120mm / 3008(5) ^135° Leg rest down adjusted: down ^3Q°3008(5) down 585° putwards 9.0°(S)	1	set	
13	Pulse Oximeter, Omron Fingertip Pulse Oximeter Rechargeable SPO2 PR PI Heart Rate Digital Health Monitoring	1	set	
14	Enema set, hot water bottle, combination syringe ing: 1 box Enema pipe Hook Pipe Adapter Shut-off Clamp ringe Bag Connector	Packag- Douche pipe    Sy- Syringe Tubing	1	set
15	Hospital Bed *Lying down function *With infusion stand *Back lifting function (0-85°) *Turn over left and right 0-55° *Bend Leg function 0-55° *With dining function *Move function (with universal wheels) *Assembled size: 2000*900MM *All bed accessories: Headboard, footboard, bedframe, mattress (white), dining table, infusion stand, shampoo basin, bedpan, guardrail, universal wheels	2	set	
	Terms and Conditions:			
	a) All equipment and components should be branded (not cloned, imitation, or assembled) and brand new. The units should be delivered duly packed and sealed by the direct company/ manufacturer.			
	b) Availability of parts in the local market by a local distributor.			
	c) Provision of Technical Data Sheet indicating the brand name and model of item/s.			
	d) Provision of Operations and Maintenance Manual of the item/s, if applicable.			
	e) Partial bids are allowed. All Goods are grouped into 5 lots listed above. Bidders			



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	shall have the option of submitting a proposal on any or all lots. If the Bidder opts to bid for more than one lot, <b>each set of technical requirements shall be submitted.</b> Evaluation and award of contract will be undertaken per lot basis; however, bidders who bid to more than one lot and were determined to have the Lowest Calculated Responsive Bid per lot shall be awarded only one contract.	
f)	The items specified in this Technical Specifications shall be delivered only to the address indicated herein to be received by authorized personnel.	
g)	The Supplier shall notify the indicated authorized receiving personnel at the Project Site at the scheduled date of delivery at least three (3) working days in advance, and shall ensure that the authorized receiving personnel of the Purchaser is present during the date and time of delivery. The Receiving Personnel reserves the right to refuse to receive/accept delivered Goods made before 8:00 A.M. or after 5:00 P.M. and non-working days.	
h)	The Supplier shall replace any rejected item within fifteen (15) calendar days from receipt of a written notice from the end-user.	
i)	Prior to issuing the Certificate of Complete Deliveries, the item's testing and sealing must be conducted with the end-users, Inspectorate Team or TWGs. The winning supplier shall provide other unforeseen peripherals and accessories necessary for the equipment in each lot to function and be operational.	
j)	After the Testing and Sealing, the Supplier shall be evaluated and will conform to the end user's evaluation rating results as a requirement for payment.	
k)	1 -year warranty of service and device/equipment based on the unit will start after the turn-over and orientation of the end-user. Extended Warranty should apply to big printers. Suppliers may also encourage to include in their bid documents if the other equipment is subjected to extended warranty.	
l)	The total price offered/quoted is subject to withholding tax and payable checks.	
m)	During or after the delivery, the Supplier shall submit the following requirements: <ol style="list-style-type: none"> <li>1. Delivery Receipt</li> <li>2. Supplier's Sales Invoice</li> <li>3. Operations and Maintenance Manual</li> <li>4. Warranty or KSU will deduct 1 % on the total value of the items as Retention Money</li> </ol>	
	After Sales Requirements:	
n)	Under warranty coverage: If unrepairable within 7 days, a free service backup unit (1:1) or service spare part of the same or higher specification must be provided by the supplier until the defective unit/part is considered repaired/replaced.	
o)	Monday to Friday, office hours technical support and service.	
p)	Capable of providing technical service/assistance within 24 hours OR next business day on-site (NBDOS) service warranty.	

For guidance and information of all concerned.

SGD  
**ROMUALDO U. WACAS, PhD**  
 BAC Chairperson  
 Date Issued: **December 20, 2024**  
 Copy furnished: **Prospective Bidders**