

**OFFICE OF THE PRINCIPAL, HANDIQUE GIRLS' COLLEGE
GUWAHATI : 781001**

Ref No: HGC/ESTT/QUO/2016/126/30/030

Date: 07/09/2017

SHORT NOTICE INVITING TENDER

Sealed quotations affixing non-refundable Court Fee Stamp of Rs. 8.25 (Rupees eight and paisa twenty five) are invited from OEMs/authorized dealers/ for the supply and installation on a turn key basis of Acoustic & Sound System to Handique Girls' College, Guwahati as per specification mentioned below. The quotations will be received by the undersigned on or before **September 16, 2017 upto 2:00 P.M.** and will be opened on the same date at **3:30 P.M.** in the presence of the bidders or their authorized agents. (not mandatory)

S.N	Name and Type of Equipment	Qty	Specification	Price in INR (Inclusive of all applicable tax)
1	15" 2-Way Powered Loudspeaker	1 pair	Connector Type (2) XLR/TRS Combo Jack, (1) 3.5 mm Input, and (1) XLR link Output Coverage (Nominal -6 dB) H 90° Coverage (Nominal -6 dB) V 60° Depth 15.08" (383mm) Family ZLX Frequency Range (-10 dB) 42 Hz - 20 kHz Frequency Response (-3 dB) 55 Hz - 18 kHz Grill 18 Gauge Steel with Black Powder Coat Height 26.97" (685mm) HF Transducer DH-1K LF Transducer EVS-15L, 380 mm (15 in) Woofer Max. SPL/1m (calc) 127dB Maximum SPL 127dB Power Rating 1000W Powered or Passive Powered Speaker Type Full-Range Width 16.65" (423mm) Woofer Size 12inch	
2	8" POWERED MONITOR SPEAKER	1 pair	Integrated 800 watt power amplifier Bi-amplified design with transducer protection 8" high-output LF transducer DH2005 1" exit true compression driver 90° x 50° coverage pattern Rotatable horn design 126 dB maximum SPL Selectable high-pass filter for use with subwoofers	

			<p>Line and microphone inputs Integral monitor angle on enclosure Built-in pole mount SPEC Type: Active, Full Range, Two-Way</p> <p>Amplifier: Class-D</p> <p>Power: 800W RMS Frequency Response: 48Hz - 20kHz Max SPL: 126 dB LF Driver: 8-inch EV8L HF Driver: 1.25-inch DH2005 Connectors: XLR and TRS Combo; XLR with Independent Gain Dimensions (H X W X D) 1289mm x 1235mm x 804mm (70.49" x 48.66" x 31.7")</p>	
3	Wireless handheld mics	2 no	<p>Specifications</p> <p>Antennas - Flexible TNC 1/2 Wave Audio Frequency Response - 80 Hz - 18kHz +/- 2dB Battery Life - 14 hours with (2) AA alkalines typical Case Material - Metal Connector Type - 1/4 inch unbalanced, 3-pin XLR balanced Controls - on/off, Set, Up, Down, Sync Distortion - (@ 1 kHz, 40 kHz deviation) less than 1.0, 0.4 typical % Diversity - True Antenna Dynamic Range - Greater than 95 dB Element - PL22 Cardioid Dynamic Power Supply - 12 VDC, 500mA max Receiver Type - Synthesized PLL Agile UHF RF Frequency Range - 16 MHz RF Output - 8 mW typical RF Sensitivity - (12 dB SINAD) less than 1.0 uV Signal-to-Noise Ratio - (A-weighted) greater than 100 dB Squelch - Tone code plus Amplitude</p>	
4	Dynamic Microphone	3 nos	<p>Audio Frequency Response 80 Hz - 16,000 Hz Case Material Die cast zinc Connector Type 3-pin XLR MORE SPECIFICATIONS Element Dynamic Impedance, Low-Z balanced 600Ω Mic Type: Handheld Open Circuit Voltage 2.2mV/Pascal Polar Pattern: Supercardioid Power Requirement Passive Wired/Wireless Wired</p>	
5	Condenser Microphone	1 no	<p>Audio Frequency Response 50 Hz - 16,000 Hz Case Material Die cast zinc</p>	

			Connector Type 3-pin XLR MORE SPECIFICATIONS Dynamic Range 107dB Element Condenser (self-biased) Family PL Series Finish Textured Satin Black Impedance, Low-Z balanced 200Ω Maximum SPL (1% THD) 132dB Mic Type Instrument Open Circuit Voltage 6mV/Pascal Polar Pattern Cardioid Power Requirement 11 to 52 VDC Wired/Wireless Wired	
6	PA Microphone Stand Rs 1400	4 nos	Type: Table/Floor Stand Height: 350-530 mm Base Dia: 150 mm	
7	PA Microphone Stand.	2 nos	Type: Floor Stand Height: 920-1500 mm Base Dia: 230 mm	
8	Theatre Projector with Motorized Screen and all accessories .	1 no	Projection System DLP Native Resolution 1080p (1920 x 1080) Resolution Support VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced Blanking Brightness (ANSI lumens) 2000 ANSI Lumens Contrast Ratio (FOFO): 10000:1 Display Color: 1.07 Billion Colors Native Aspect Ratio: 16:9 Light Source Lamp Light Source Wattage 210W Light Source Life: Normal 3500 hours Economic 4500 hours SmartEco 6500 hours Optical Throw Ratio: 1.15 - 1.5 (100" @ 2.5m) Zoom Ratio: 1.3x Lens F/# = 2.59 - 2.87, f = 16.88 - 21.88 mm Keystone Adjustment 1D, Manual Vertical ± 40 degrees Projection Offset 115%±5% Clear Image Size (Diagonal): 30" ~ 300" Image Size: 30'~300' Horizontal Frequency: 15 - 102KHz Vertical Scan Rate : 23 - 120Hz Picture Picture Mode: Bright / Vivid/ Cinema / Game/ Sport / User Color Wheel Segment	

			<p>6-Segment (RGBRGB) Color Wheel Speed : 6x Rec.709 Coverage 96% Audio Speaker Chamber Speaker 10W x 1 Interface : PC (D-Sub) 1 Composite Video in (RCA) 1 HDMI 2 HDMI-1 (1.4a/HDCP1.4) HDMI-2 (1.4a/MHL/HDCP1.4) USB Type A 1 USB-1 (2.0/ Power Supply) USB (Type mini B): 1 (Service) Audio in (3.5mm Mini Jack) 1 Audio L/R in (RCA): 1 Audio out (3.5mm Mini Jack): 1 RS232 (DB-9pin): 1 IR Receiver ; 2 (Front/Rear) Special Feature CinemaMaster Audio + : Yes Compatibility HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p Video Compatibility: NTSC, PAL, SECAM, SDTV(480i/576i), 3D Compatibility Frame Sequential: Up to 60Hz 720p Frame Packing: Up to 24 Hz 1080p Side by Side: Up to 24Hz 1080p Top Bottom: Up to 60Hz 1080p Environment Power Supply: AC 100 to 240 V, 50/60 Hz Typical Power Consumption: 270 W(Normal), 220 W(Eco) Standby Power Consumption < 0.5W Acoustic Noise (Typ./Eco.): 34/29 dB Operating Temperature : 0~40°C</p>	
9	6 BUS MIXER	1 no	<p>16-Channel Mixing Console Max. 10 Mic / 16 Line Inputs (8 mono + 4 stereo) 4 GROUP Buses + 1 Stereo Bus 4 AUX (incl. FX) “D-PRE” mic preamps with an inverted Darlington circuit 1-Knob compressors High-grade effects: SPX with 24 programs 24-bit/192kHz 2in/2out USB Audio functions Works with the iPad (2 or later) through the Apple iPad Camera Connection Kit / Lightning to USB Camera Adapter Includes Cubase AI DAW software download version PAD switch on mono inputs +48V phantom power XLR balanced outputs</p>	

			Internal universal power supply for world-wide use Rack Mount Kit Included	
10	Customized cable and connectors	Bundle		
11	Customized Movable Acoustic panels	300 Sq ft	MDF frame acoustic fabric treated with three layers sound isolation with 50mm abortive wools.	

Terms and Conditions:

1. No separate quotation paper will be issued from the office. Quotation may be download from the College website www.hgcollege.org should be submitted with a forwarding letter in the Supplier's Letter Pad with supporting documents.
2. The Earnest Money 2% of the quoted value.
3. 10% of the bill amount will be paid after verification of performance (minimum 45 days after installation).
4. Ther bidder must have working experience of similar nature of the work (not less than the quoted value) in a minimum of three reputed organisations/Institute.(Documentery evidenceto be submitted with the bid)
5. Brand/ make/ name of manufacturer & value of each item must be mentioned with leaflets enclosed.
6. The Copy of delearship certificate is to be enclosed.
7. The Handique Girls' College reserves the right to accept or reject any or all the quotations without assigning any reason.
8. The quantity mentioned above may be increased or decreased (if necessary) at the time of order as per actual requirement.
9. Payment will be made only after successful supply, installation & testing of the materials in good condition.
10. The quotation should be addressed to the **"Principal, Handique Girls' College, Guwahati - 781001**
superscribing the Quotation Notice Number on the envelope.
11. All kinds of taxes (if any) must be clearly indicated in the quotation.
12. The bidder firm must have proper PAN & GSTIN and copy of the same shall have to be enclosed with the quotations.

Principal
Handique Girls' College
Guwahati