



NIRMALA NIKETAN INSTITUTE'S  
**COLLEGE OF HOME SCIENCE,  
NIRMALA NIKETAN**

Affiliated to the University of Mumbai  
NAAC Accredited 'A+' Grade

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5<sup>th</sup> March 24

**Sub: Inviting Quotations for Audio Fill-in and Monitoring System for the College Auditorium**

Respected Sir/Madam,

We intend to purchase an Audio fill in and monitoring System for the College Auditorium to optimise the audio communicative and educational experience for curricular, co-curricular and extracurricular activities.

We are looking for an Audio System that matches the current advancement in technology. We invite you to send your most competitive quotations for the same.

If your prices and terms are favourable, as per our specifications, we shall consider giving the contract to you for the purchase of the Audio System.

Please provide us the quote for the following detailed below:

Sr. No.	Description	Qty
1.	Column array of 16 drivers Full range bass reflex, 77Hz -20KHz, nominal coverage H -170° -V-15°(+7.5° - -7.5°) (NORMAL), 20°(+7.5° - -12.5°) (WIDE), effective coverage 180°, LF 1.5" x 16, PGM160W, Peak 320W, Sensitivity 91dB SPL (1m/1W), PEAK 117 dB SPL (1 m) *3, with load protection.	2
2.	2000 watts of peak power output, powered by high efficiency class D amplifier. 15" transducer with 3inch high coil, with 6 discret DSP modes to match with Full range speakers.,Frequency Response: 44Hz – 85Hz (- 3 dB), Frequency Range: 37Hz – 100Hz (-10 dB) Maximum SPL: 131 dB (@ 1 m) 128 dB continuous (dB SPL @ 1 m),nominal effective coverage Electronic clip, thermal and transducer overdrive protection Rugged, internally-braced front-ported MDF cabinet with integrated 36mm pole socket, with load protection.	1
3.	500W x 2 @ 8Ω program power, Class D, Balanced output circuit (BTL) - Amplifier with AD/DA	1

*Handwritten signature*  
**INCHARGE PRINCIPAL**  
**COLLEGE OF HOME SCIENCE**  
Nirmala Niketan,  
49, New Marine Lines,  
Mumbai - 400 020

	24-bit linear, 128 times over sampling; Total harmonic distortion @ 0.1% (1kHz, 10W), 0.3% (1kHz, Half power), freq response $\pm 1.0$ dB (1W, 8 $\Omega$ , 20Hz to 20kHz); S/N ratio: 101dB (A-weighted, 8 $\Omega$ , Gain setting = +14dBu); cross talk- Less than -60dB (Half Power, 8 $\Omega$ , 1kHz, Vol max input 150 $\Omega$ shunt); input impedance -20k $\Omega$ (Balance), 10k $\Omega$ (Unbalance); with DSP Processor input routing and output routing pre programmed upto 15 settings. Speaker Processor(6 band PEQ + Limiter + Delay). Delay(0 - 74msec); HPF/LPF(cutoff frequency 20Hz~20kHz with polarity control);.	
4.	Dual wireless mic with carrier freq range 865-867Mhz stability 10ppm, sensitivity 1W/1M- -105dB at Sinad 12dB. Spurious rejection >75dB, freq response 40Hz-18khz, max working distance 200ft, AF out impedance 2.2k ohms, transmitter power 30mW, SNR >105dB, THD <0.5@1kHz, 2 handheld Tx	1
5.	Dynamic cardioid vocal wired microphone with switch with balance input connection using XLR connector. Frequency best in speech spectrum.	3
6.	Dual section gooseneck cardioid microphone with inbuilt preamplifier, and switch with indicator. Length of microphone 18inches. It should have common RF filter shield to protect from interference from wireless devices. With windfilter.	1
7.	Dynamic cardioid vocal wired microphone with switch with balance input connection using XLR connector. Frequency best in speech spectrum, excellent feedback rejection, and can handle high sound pressure, isolate handling noise and hum compensation factor.	1
8.	XLR silver coated 3 pin connectors for cables with cable strain relief self-locking using , male and Female pair set	10

Kindly send the details on the Mode of Payment and Terms and Conditions (if any). Please give the reference of this invitation quotation are available our website and address the quotation to **“The Principal, College of Home Science Nirmala Niketan, Mumbai – 400020”**.

Kindly mail the softcopy to principal@nnchsc.edu.in and admin@nnchsc.edu.in by 11<sup>th</sup> March 2024, 1 pm, and courier the quotation in a sealed envelope to College of Home Science Nirmala Niketan, 49, New Marine Lines Mumbai 400020, by 11<sup>th</sup> March 2024 by 5 pm.  
We hope to hear from you soon regarding this quote request.

We also look forward to long-standing business relationship with you if this deal is a success.

Thanking You,  
Yours Sincerely,



In Charge Principal  
Prof. Dr. Vishaka Karnad