



# HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE

ESTD.-2004

Approved by AICTE, Affiliated to MAKAUT and recognized by Govt. of W.B. Department of Higher Education (Technical)

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Ref. No. HETC/2024/423

Notice Inviting Quotation

Date 5/9/24

Sealed Quotations are invited from reputed authorized supplier for the supply of the mentioned material for College. The details are as follows:

SL. No.	Item	Specification	QTY	Rate(Incl uding GST)
1.	PUBLIC ADDRESS SYSTEM	<p><b>1. System Requirements</b></p> <ul style="list-style-type: none"><li>Coverage: Ensure the system covers classrooms, hallways, auditoriums, and outdoor areas in all five buildings.</li><li>Scalability: System should be expandable or upgradable as needed.</li></ul> <p><b>2. Components</b></p> <p><b>A. Microphones</b></p> <ul style="list-style-type: none"><li>Types: Handheld, lapel (clip-on), and podium (wired).</li></ul> <p><b>B. Speakers</b></p> <ul style="list-style-type: none"><li>Types: Ceiling-mounted and wall-mounted.</li><li>Coverage: Adequate number and placement for even sound distribution.</li></ul> <p><b>C. Amplifiers</b></p> <ul style="list-style-type: none"><li>Power Output: 100W to 200W or higher, depending on area size.</li><li>Channels: Separate channels for each building or zone.</li></ul> <p><b>D. Control System</b></p> <ul style="list-style-type: none"><li>Central Control: Panel for managing volume, input sources, and zones.</li><li>Remote Control: Wireless or remote access for flexibility.</li><li>Zone Control: Control different areas/buildings separately.</li></ul> <p><b>E. Audio Sources</b></p> <ul style="list-style-type: none"><li>Inputs: Microphones, computers, CD players, broadcast systems.</li></ul> <p><b>3. Coverage and Distribution</b></p> <p><b>A. Zone Configuration</b></p> <ul style="list-style-type: none"><li>Building Zones: Separate control for each building.</li><li>Volume Control: Adjustable settings for different buildings.</li></ul> <p><b>B. Speaker Placement</b></p> <ul style="list-style-type: none"><li>Even Distribution: Ensure no dead spots.</li><li>Acoustic Considerations: Avoid echoes and distortion.</li></ul> <p><b>4. Audio Quality</b></p> <p><b>A. Clarity</b></p> <ul style="list-style-type: none"><li>Frequency Response: 80Hz to 15kHz.</li><li>Sound Quality: Low distortion, good intelligibility.</li></ul> <p><b>5. Installation and Maintenance</b></p> <p><b>A. Installation</b></p> <ul style="list-style-type: none"><li>Professional Installation: By certified professionals.</li><li>Cable Management: Proper routing and safety.</li></ul> <p><b>B. Maintenance</b></p> <ul style="list-style-type: none"><li>Regular Checks: Routine maintenance schedule.</li><li>Support: Technical support and availability of spare parts.</li></ul> <p><b>6. User Training and Documentation</b></p> <p><b>A. Training</b></p> <ul style="list-style-type: none"><li>Staff Training: For operating the system.</li><li>User Manuals: Comprehensive guides.</li></ul> <p><b>B. Documentation</b></p> <ul style="list-style-type: none"><li>System Schematics: Detailed layout and connections.</li></ul>	1	

**Terms & Conditions:**

- E-Submission:** Quotation in Letter Head duly signed along with stamp to [purchase@hetc.ac.in](mailto:purchase@hetc.ac.in) by 12/09/2024
- Offline Submission:** Quotation in Letter Head duly signed along with stamp should be submitted and addressed to Secretary, Hooghly Engineering & Technology College Society, **and Address:** Vivekananda Rd, Pipulpati Post, Chinsurah, and West Bengal 712103.
- Quotation without signature and stamp will be cancelled.
- Last Date of Submission (Offline/Online) of Quotation is 12/09/2024 4.00 PM.
- The college/society reserves the right to cancel any or all quotations or to invite fresh quotation without assigning any reason thereof.

RM 5/9/24  
Finance Officer, HETC

Rajsekhar Bhattacharyya  
Finance Officer  
HETC