



سرسره نمبر: (IUL)196-C/1/2026/23

کتابخانه

04 ڇا ڏيکاريو ٿا ته سڀني ٻارن کي ڄاڻ ۾ آهي ته ٻارن کي ڇڏي ڏيڻ، ڇا ڏيکاريو ٿا ته سڀني ٻارن کي ڄاڻ ۾ آهي ته ٻارن کي ڇڏي ڏيڻ، ڇا ڏيکاريو ٿا ته سڀني ٻارن کي ڄاڻ ۾ آهي ته ٻارن کي ڇڏي ڏيڻ.

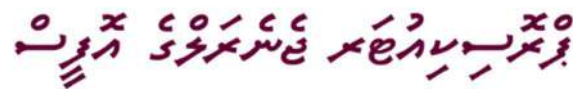
- **መድረሻ ጽሑፍ ማረጋገጫ:** 18 ነሐሴ 2026 10:00 ሰዓት ለመሙላት  
<https://forms.office.com/r/QEGg04QZfV>
- **መድረሻ ስራ ማረጋገጫ:** 19 ነሐሴ 2026 11:00 ሰዓት ለመሙላት

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23 سَوْدَه سِر 1447

2025 ۱۵۰۰ ۱۱



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درجہ اولیٰ و مرتبہ اولیٰ:

## LOT 1 – Speaker with Carrying Bag

**Quantity: 2**

Feature	Minimum Specification	✓
<b>System Type:</b>	All-in-one battery-powered linear column PA system with a secondary high-frequency spacer and column element.	
<b>Transducer Configuration:</b>	Must feature an 8-inch (203mm) ferrite woofer in the base and a linear array of eight 2-inch (50mm) high-frequency drivers	
<b>Acoustics:</b>	C-shaped array configuration to provide a minimum 140° (H) x 30° (V) dispersion pattern.	
<b>Frequency Response:</b>	Must achieve a range of 37 Hz – 20 kHz (-10 dB) or better	
<b>Output Power:</b>	Minimum 400W RMS / 1500W Peak Class D amplification.	
<b>Battery System:</b>	Must utilize an easily swappable battery integrated into the column spacers.	
<b>Runtime:</b>	Battery must support up to 6 hours of operation at maximum volume.	
<b>Connectivity Power:</b>	Must include two (2) onboard USB ports (one 2A and one 1A) for charging external mobile devices or powering wireless microphone receivers.	
<b>Mixer:</b>	Integrated 5-channel digital mixer with individual gain, 3-band EQ, and effects sends per channel.	
<b>I/O Ports:</b>	3 x XLR/TRS Combo Jacks.	
	1 x 1/4" Hi-Z Instrument Input.	
	1 x 1/8" / Bluetooth Summed Input.	
<b>Digital Processing:</b>	Must feature industry-standard Automatic Feedback Suppression (AFS) and "Ducking" capabilities (priority-based audio ducking for announcements).	
<b>Control:</b>	Support for remote mixing via tablet/smartphone app over Bluetooth 5.0, capable of controlling at least 10 units simultaneously	
<b>Transport Solution:</b>	Must include a custom-fitted, wheeled transporter bag.	
<b>Bag Features:</b>	Padded exterior, heavy-duty zippers, and a dedicated storage compartment specifically designed for the column spacers and base unit to be transported together as a single mobile package	
<b>Warranty</b>	1 Year	

## LOT 2 – Dual Wireless Microphone System

**Quantity: 2**

Feature	Minimum Specification	✓
<b>Type</b>	2 Handheld	
<b>Transmission Frequency:</b>	Must utilize 2.4 GHz digital frequency hopping technology.	
<b>Operating Range:</b>	Minimum stable operating range of 30 meters (100 feet).	
<b>Latency:</b>	Low-latency performance with a maximum delay of <12ms.	
<b>Pairing:</b>	Must feature automatic pairing between the transmitters and the receiver upon power-up without manual frequency scanning.	
<b>Connector Type:</b>	Must feature an integrated 1/4" (6.35mm) TS plug for direct insertion into audio equipment (no external cables required for the receiver).	
<b>Battery Life (Receiver):</b>	Built-in rechargeable battery providing up to 12 hours of continuous operation.	
<b>Charging:</b>	Must support charging via USB-C while the unit is in operation.	
<b>Quantity:</b>	Must be a dual-microphone system (two handheld transmitters) communicating with a single receiver.	
<b>Battery Type:</b>	Handheld units must be powered by standard replaceable AA batteries (minimum 20 hours of runtime).	
<b>Pattern:</b>	Cardioid polar pattern to minimize background noise and feedback in conference settings.	
<b>Build:</b>	Ergonomic design with an integrated power/mute slide switch.	
<b>Frequency Response:</b>	50 Hz – 15 kHz or wider.	
<b>Signal-to-Noise Ratio:</b>	>59 dBA	
<b>Total Harmonic Distortion (THD)</b>	<1.0% at 1 kHz.	
<b>Warranty</b>	1 Year	

## LOT 3 – 4 Wireless Microphone System

**Quantity: 2**

Feature	Minimum Specification	✓
<b>Type</b>	2 Handheld and 2 Head worn Microphone	
<b>Operating Frequency:</b>	Must operate in the UHF (Ultra High Frequency) band (specifically between 500 MHz – 590 MHz).	
<b>Channel Count:</b>	System must support four (4) concurrent wireless channels controlled by a single receiver unit.	
<b>Frequency Type:</b>	Must utilize Fixed Frequency design or Selectable Frequency with dedicated pre-set groups to ensure zero interference between the four internal channels.	
<b>Stability:</b>	Frequency stability must be $\pm 0.005\%$ or better using PLL (Phase-Locked Loop) synthesized technology.	
<b>Chassis:</b>	Must be a rugged metal 19-inch rack-mountable receiver or desktop.	
<b>Display:</b>	Front panel must feature four (4) independent LCD displays (one per channel) showing RF signal strength, AF audio levels, and operating frequency.	
<b>Audio Outputs:</b>	<p>Must provide high flexibility for different mixer setups:</p> <ul style="list-style-type: none"> <li>Four (4) individual balanced XLR outputs (one for each mic).</li> </ul> <p>One (1) mixed 1/4" (6.35mm) unbalanced TS output (combining all 4 mics into a single signal for small-scale PA systems).</p>	
<b>Antennas:</b>	Must utilize four (4) high-gain detachable antennas located on the rear panel for diversity-style reception.	
<b>Handheld Transmitters (2 units):</b>	<ul style="list-style-type: none"> <li>Must feature high-quality dynamic cardioid capsules to minimize feedback.</li> </ul> <p>Must be constructed of heavy-duty metal for durability in public environments</p>	
<b>Bodypack Transmitters (2 units):</b>	<ul style="list-style-type: none"> <li>Must include head worn (headset) microphones and lapel (lavalier) microphones as standard accessories.</li> </ul> <p>Must feature a secure 3-pin mini-XLR (TA3F) connection or equivalent to prevent accidental cable detachment.</p>	
<b>Power:</b>	All transmitters must be powered by standard AA batteries providing a minimum of 8 hours of continuous operation.	
<b>Operating Range:</b>	Reliable line-of-sight range of at least 60 meters (200 feet).	
<b>Audio Dynamic Range:</b>	>100 dB.	
<b>Total Harmonic Distortion (THD):</b>	<0.5%.	
<b>Warranty</b>	1 Year	



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بَعَثْنَا رُوحًا

1.  $\frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} \frac{d^2}{dt^2} \right) = \frac{1}{2} \frac{d^3}{dt^3}$

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2.  $\frac{1}{x^2} = x^{-2}$   $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

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..... دَرِ حَقِّهِ دُرِّ مُرِّهِ

..... دَسَوِیَہ مَوِیَہ سَرَسَرِیَّ خُوِیَہ تَرَمِیَ: (ہَمِیَہ تَرَمِیَ رَوِیَہ رَوِیَہ)

.....: (گوشه‌نویس) رَدِّ رُتَرَرَر رَدِّ

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وَمِنْهُمْ مَّنْ يَّهْدِي اللَّهُ فَمَا لَهُ مِنْ حَفَظَةٍ ۖ وَمِنْهُمْ ذُرِّيَّةُ عَذْرَاءٍ عَمَلَتْ خِيعًا ۖ وَأَلَلَّ ۗ

نَسْرُ نَسْرٍ / اِسْرُؤْ سَوْغٌ وَ سَوْغٌ سَوْغٌ وَ سَوْغٌ

مَرْسُور:

$\frac{1}{\sqrt{2}} \begin{pmatrix} 0 & 1 \\ -1 & 0 \end{pmatrix}$

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$$\therefore \frac{x}{x^2 - 1}$$