



स्थानीय सरकार  
खाँडादेवी गाउँपालिका  
गाउँ कार्यपालिकाको कार्यालय

माकादुम, रामेछाप

बागमती प्रदेश, नेपाल

## दररेट पेस गर्ने सम्बन्धी सूचना

प्रथम पटक सूचना प्रकाशित मिति: २०८३।०१।२९

प्रस्तुत विषयमा यस खाँडादेवी गाउँपालिका, गाउँ कार्यपालिकाको कार्यालयलाई आर्थिक वर्ष २०८२।०८३ को लागि “सप्तर्गी साँस्कृतिक कला समाज साउण्ड सिस्टम खरिद ” शिर्षकका लागि विभिन्न खरिद कार्य गर्नका लागि लागि यसैसाथ संलग्न विवरण तथा स्पेसिफिकेशन बमोजिमको मालसामान आवश्यक परेकाले लागत अनुमान तयार गर्ने प्रयोजनार्थ प्रति एकाई बजार दररेट सूचना प्रकाशन भएको मितिले ७(सात) दिन भित्र यस कार्यालयमा वा कार्यालयको ईमेल:- khandadevimun@gmail.com मा उल्लेखित कागजात सहित उपलब्ध गराउनुहुन जानकारी गराइन्छ ।

संलग्न गर्नुपर्ने कागजातहरू:

- सूचिकृत भएको हकमा:
  - सूचिकृत भएको प्रमाणपत्र ।
  - आर्थिक वर्ष २०८१/०८२ को करचुक्ताको प्रमाणपत्र ।
- सूचिकृत नभएको फर्मको हकमा:
  - सूचिकृत भएको प्रमाणपत्र ।
  - आर्थिक वर्ष २०८१/०८२ को करचुक्ताको प्रमाणपत्र ।

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प्रमुख प्रशासकीय अधिकृत

खाँडादेवी गाउँपालिका  
गाउँ कार्यपालिकाको कार्यालय

माकादुम, रामेछाप  
बागमती प्रदेश, नेपाल

Rate Per Unit

कार्यक्रमको नाम:

Stationary and Office Items

आ.व.

२०८२/०८३

S.N.	Particulars	Specification	Unit	Rate	Remarks
1	Loud Speaker	As per specification attached with it	pcs.		
2	Amplifier	As per specification attached with it	pcs.		
3	Compact 22 channel Mixture	As per specification attached with it	pcs.		
4	Speaker wire	As per specification attached with it	Roll		
5	Spoken jack	As per specification attached with it	pcs.		
6	XLR Jack Male-female	As per specification attached with it	set		
7	XLR Jack Male-female	As per specification attached with it	set		
8	Wireless Microphone	As per specification attached with it	set		
9	Dynamic Microphone	As per specification attached with it	set		
10	Microphone Wire	As per specification attached with it	Roll		
11	XLR Jack	As per specification attached with it	pcs.		
12	Powerful Vocal Mic	As per specification attached with it	pcs.		
13	Larger Speaker Stand	As per specification attached with it	pcs.		
14	Larger Microphone Stand	As per specification attached with it	pcs.		
15	Medium Microphone Stand	As per specification attached with it	pcs.		
16	stabilizer	As per specification attached with it	pcs.		
17	Monitor Speaker	As per specification attached with it	pcs.		
18	Amplifier	As per specification attached with it	pcs.		

# Specification for Supply, Delivery and Install of Sound system for Saptarangi Sanskritik Kala Samaj

## 1. Loud Speaker

- Frequency Range (-10 dB): 37 Hz – 20 kHz
- Frequency Response ( $\pm 3$  dB): 53 Hz – 20 kHz
- Coverage Pattern:  $75^\circ \times 50^\circ$  nominal
- Crossover Modes: Bi-amp / passive, externally switchable
- Crossover Frequency: 1.2 kHz
- Maximum SPL2: 136 dB SPL peak
- System Sensitivity (1w @ 1m): 99 dB SPL (passive mode)
- LF Driver: 2 x JBL 2265H 380 mm (15 in) Differential Drive
- woofer with neodymium-magnet and dual voice-coils
- HF Driver: 1 x JBL 2451H 102 mm (4 in) voice-coil, neodymium magnet
- compression driver
- Nominal Impedance: Passive: 4 ohms
  - Bi-amp LF: 4 ohms
  - Bi-amp HF: 8 ohms
- Active Tunings: dbx DriveRack, all models. Settings available at
- Enclosure: Trapezoidal, 15 mm, 11-ply birch plywood
- Suspension / Mounting: 5 x suspension points, M10 or optional track kit

## 2. Amplifier

Feature	Required Minimum Specification
Power	1100W
Frequency Range (Hz)	20Hz-20kHz $\pm 0.3$ dB

## Specification for Supply, Delivery and Install of Sound system for Saptarangi Sanskritik Kala Samaj

Dimension (L x W x H)	490*480*90mm
8Ω stereo output power	1100Wx2
THD	<0.05%@8Ω1KHz
SNR	>98dB
Input impedance	20kΩ/10KΩ
Input sensitivity	0.775V/1.0/1.4
Warranty	1 Year

### 3. Compact 22 channel Mixture

Feature	Required Minimum Specification
Channels	18 x Mic/Line 4 x Mic/Stereo Line
Auxiliary	2 x Pre (MON) 2 x Post (FX) 2 x Pre/Post Switchable (AUX)
Gain	Microphone (Mono/Stereo): 0 to 60 dB / 10 to 60 dB Line/CD/USB (Stereo): -10 to 20 dB
Maximum THD @ 1kHz	Microphone Input to Master A L/R Outputs, +16 dBu, Typical: < 0.005% Frequency Response, -3 dB, ref. 1 kHz, any input to any Mixer Output: 15 Hz to 70 kHz
Crosstalk @ 1 kHz	Fader and FX/AUX/MON-Send Attenuation: > 85 dB Channel-to-Channel: < -80 dB CMRR, Microphone Input:> 80 dB Input Sensitivity (All Level Controls in Max. Position Microphone / Line, Mono / Line, Stereo / CD, Stereo): -74 dBu (155 μV) / -54 dBu (1.55 mV) / -34 dBu (15.5 mV) / -34 dBu (15.5 mV)
Maximum Level	Microphone Inputs: 21 dBu Mono Line Inputs / Stereo Line Inputs: 41 dBu / 30 dBu All Other Inputs: 22 dBu All Other Outputs: 22 dBu

**Specification for Supply, Delivery and Install of Sound system for Saptarangi Sanskritik Kala Samaj**

Input Impedances	Microphone / Insert Return: 2 Kiloohms / > 3.3 Kiloohms 2-Track Return and CD Input: 10 Kiloohms All Other Inputs: > 15 Kiloohms
Output Impedances	Headphones: 47 Ohms All Other Outputs: 75 Ohms
Equivalent Input Noise	Microphone Input, A-Weighted, 150 Ohms, -130 dBu Noise, Channel Inputs to Master A L/R Outputs, A-Weighted Master Fader Down: -97 dBu Master Fader 0 dB, Channel Fader Down: -87 dBu Master Fader 0 dB, Channel Fader 0 dB, Channel Gain Unity: -81 dBu
Equalization	LO Shelving: $\pm 15$ dB / 60 Hz MID Peaking, Mono Inputs: $\pm 15$ dB / 100 Hz to 8 kHz MID Peaking, Stereo Inputs: $\pm 12$ dB / 2.4 kHz HI Shelving: $\pm 15$ dB / 12 kHz Master EQ 11-Band (63, 125, 250, 400, 630, 1 kHz, 1.6 kHz, 2.5 kHz, 4 kHz, 6.3 kHz, 12 kHz): $\pm 10$ dB / Q = 1.5 to 2.5
Power Consumption	55 W without Lamp, 60 W with Lamp
Filter	LO-CUT, Mono Inputs: $f = 80$ Hz, 18 dB/oct. Voice Filter, Mono Inputs: Switchable Feedback Filter, MON 1/2: 70 Hz to 7 kHz, Notch, -9 dB
Effects	Type, Effects Presets: Dual Stereo 24/48-Bit Multi-Effects Processors, 100 Factory + 20 User, Tap-Delay, Remote Control Footswitch, MIDI Display: 128 x 64 pixels, OLED
Digital Audio	Channels: 4 Inputs / 4 Outputs AD/DA Conversion, Sampling Rate 24-Bit, 44.1 / 48 / 88.2 / 96 kHz PC Interface: USB 2.0, Female Type-B MIDI Interface: 5-Pin DIN Connector, Input / Output
Mixer Output Connections	MON 1, MON 2, Master A (Relay Controlled)
Power Supply	Switching Mode $\mu$ C Controlled: Mains Over/Undervoltage, High Temperature
Phantom Power	48 VDC (Switchable in Groups)

## Specification for Supply, Delivery and Install of Sound system for Saptarangi Sanskritik Kala Samaj

Power Requirements	100 to 240 VAC, 50/60 Hz (SMPS with Auto Range Mains Input)
Safety Class	Not Specified by Manufacturer
Ambient Temperature	Not Specified by Manufacturer

### 4. Speaker Wire

- 14-gauge pure Copper wire having 2 meter in each roll.

### 5. Spoken jack

- Spoken Jack for connecting microphone

### 6. XLR Jack Male-female

- 3.5mm Jack TRS to XLR Male to Female Audio Cable 10m for Condenser Microphone

### 7. XLR Jack Male-female

- 3.5mm Jack TRS to XLR Male to Female Audio Cable 1m for Condenser Microphone

### 8. Wireless Microphone

- Wireless Microphone
- Frequency Range: FM 230.3 - 260.3 MHz
- Audio Distortion: 0.5% @ 1KHZ
- Dynamic Range: 90dB
- S/N Ratio: Better Than 90dB
- Receiving Distance: 20m-50m
- Sound Pickup: Moving Coil Type
- Li-ion rechargeable battery (1200mAh)

### 9. Dynamic Microphone

Prepared By:

Checked By:

Approved By:

## **Specification for Supply, Delivery and Install of Sound system for Saptarangi Sanskritik Kala Samaj**

- Dedicated vocal and instrument mic delivers unbelievable quality to your studio and live performance
- Extremely high signal output lets your voice cut through
- Ultra-low distortion for super clean sound
- Presence lift in critical mid-range gives you maximum voice projection
- Exceptional off-axis rejection eliminates feedback problems
- 1 set having 3 pcs

### **10. Microphone Wire**

- XLR mic Jack wire

### **11. XLR Jack**

- XLR Male female jack set

### **12. Powerful Vocal Mic**

- Tailored microphone cartridge design for natural clarity in the frequency range of vocal performance
- Cardioid polar pattern picks up audio from the source while rejecting unwanted noise
- Updated industrial design with black metallic finish and grille for unobtrusive visual presence
- On/Off switch for discrete control of microphone operation
- Stand adapter for mounting to a microphone stand
- Legendary Shure quality design and construction for exceptional performance in rigorous environments

### **13. Larger Speaker Stand**

- Adjustable steel stand for speaker

### **14. Larger Microphone Stand**

## Specification for Supply, Delivery and Install of Sound system for Saptarangi Sanskritik Kala Samaj

- Adjustable steel stand for speaker

### 15. Medium Microphone Stand

- Adjustable steel stand for microphone

### 16. Stabilizer

- Capacity: Ranges from small, personal-use units up to 10kVA and 20kVA+ for homes/light industrial.
- Input Voltage Range: Often designed to handle wide fluctuations, such as 80V to 260V.
- Technology: Often uses servo motor systems for high-precision output voltage regulation

### 17. Monitor Speaker

- Custom-designed 12-inch woofer
- 2414H compression driver 9 Redesigned high-frequency horn
- Power: 1,300W
- Frequency response: 50Hz - 20kHz (-10) 60Hz - 20kHz (-3)
- Max SPL: 127 dB
- Dispersion: 100° H x 60° V
- Audio I/Os: 2 XLR Combo, 1 XLR passthrough
- Pro-grade dbx DSP: Automatic Feedback Suppression, ducking, 100ms speaker delay, parametric EQ
- Built-in 3-channel digital mixer
- Color backlit LCD screen provides easy access to functions
- Universal JBL Pro Connect app control
- Bluetooth 5.0 streaming and control
- Durable polypropylene cabinet and metal grille

## Specification for Supply, Delivery and Install of Sound system for Saptarangi Sanskritik Kala Samaj

- Two ergonomic handles simplify transport
- Built-in pole mount and optional EON700 Universal Yoke Mount expand system configuration options
- Stackable cabinets for easy storage

### 18. Amplifier

Feature	Required Minimum Specification
<b>Amplifier Class</b>	High-efficiency Class-D amplifier engine with real-time transfer characteristic control.
<b>Number of Channels</b>	2 Channels
<b>Power Output (8Ω)</b>	Minimum 500W x 2
<b>Power Output (4Ω)</b>	Minimum 800W x 2
<b>Power Boost Mode</b>	Must support a high-power mode to combine channel output for high-impedance loads (e.g., 1x 1200W or higher).
<b>Digital Signal Processing (DSP)</b>	Integrated DSP featuring: Parametric EQ (PEQ), Crossover, Filters, Delay, and Peak Limiter functions.
<b>Dynamic Processing</b>	Multi-band dynamic processing for consistent clarity across various volume levels.
<b>Input Connectors</b>	2 x XLR (Balanced), 2 x 1/4" TRS Phone jacks.
<b>Output Connectors</b>	2 x Neutrik speakON NL4, 2 x Binding Posts, and 2 x 1/4" Phone jacks.
<b>Cooling System</b>	Dual 16-step variable speed fans with front-to-rear airflow.

## Specification for Supply, Delivery and Install of Sound system for Saptarangi Sanskritik Kala Samaj

<b>Display &amp; Control</b>	Integrated LCD display for system setup, monitoring, and advanced configuration.
<b>Configuration Modes</b>	Dual setup modes: "Basic" for quick setup and "Advanced" for precise parameter control.
<b>Presets &amp; Data</b>	At least 8 programmable user presets; must support USB data transfer for configuration backup and log data export.
<b>Safety Features</b>	Output protection, thermal management, and a front-panel locking function to prevent unauthorized setting changes.