



Government of India
Ministry of Labour and Employment
Directorate General Factory Advice Services and Labour Institutes
CENTRAL LABOUR INSTITUTE
Sion, Mumbai-400022

No.: CLI/COMMN/9(PEQ)/2016-17

Date: 10.03.2017

TENDER NOTICE

Subject: Consolidated Quotation for Supply and Installation of Audio Visual System-Reg.

Kindly submit your consolidated quote/Tender for the supply and installation of entire package comprising of following audio visual equipments from reputed manufactures:

Sr.No.	Equipments	Specification	Quantity
1	Wireless Microphone System.	As per Annexure- A	03 Nos.
2	Conference system (Chairman Unit-1No., Delegate Units- 35Nos., Hoist Unit-1No.)	As per Annexure- B	01 Nos.
3	Amplifier	As per Annexure- C	02 Nos.
4	Speakers (Column Type)	As per Annexure- D	06 Nos.
5	Presenter with laser pointer.	As per Annexure-E	03 Nos.

Critical Date details as follows

Published Date	10/03/2017
Bid document download	10/03/2017
Bid Submission start date	10/03/2017 from 16.30 hrs
Bid Submission End date	30/03/2017 upto 15.00 hrs
Bid Opening date (Technical)	03/04/2017 at 14.00 hrs
Bid Opening date (Financial)	04/03/2017 at 11.00 hrs

Tenders are invited by the Central Labour Institute, Mumbai under Two Bid System i.e. Technical Bid and Financial Bid from reputed & experienced Companies / Firms / Agencies for providing, Supply and Installation of Audio Visual System for Communication Division of this Institute.

1. Complete Tender Documents can be downloaded from the website <http://eprocure.gov.in/eprocure/app> from 10/03/2017 to 30/03/2017.
2. Interested supplier may submit their duly completed documents online at

<http://eprocure.gov.in/eprocure/app> in all respects. All the documents in support of eligibility criteria etc. are also be scanned in PDF Format uploaded along with the tender documents. Tenders sent by any other mode will not be accepted. No tender documents will be accepted after the expiry of stipulated date and time for the purpose under any circumstances what so ever.

3. The Technical Bids will be opened online on 03/04/2017 at 14:00 Hrs by a procurement committee of this institute. At the first instance the Technical Bids will be evaluated by the Tender Evaluation Committee (TEC) constituted for the purpose by the Department. At the second stage, the Financial Bids of only those bidders, who qualify in the Technical Bid, will be opened on 04/04/2017 at 11:00 Hrs by the Committee Members. The Tender Evaluation Committee TEC, after evaluation of the Technical and Financial Bids, will give its specific recommendations regarding the lowest qualified bid, which is to be selected along with a comparative statement duly signed by the members of the TEC.

*The dates of opening of Technical and Financial Bids may change as necessitated.

4. Institute reserves the right to amend or withdraw any of the terms and conditions contained in the tender Document or to reject any or all bids without giving any notice or assigning any reason.

Yours faithfully

-sd/-

(N.K.Rustagi)

Director In-charge (Communication)

Specification for Wireless Microphone System

Wireless Microphone System with 48 Selectable UHF channels.

UHF Band frequency by PLL-Synthesis Technology.

Frequency Range 460-970MHz.

Output: Balanced XLR / Unbalanced 6.35mm Phone Jack

DIVERSITY RECEIVER	
Freq. Response	50Hz - 15KHz
Power Required	12-18V DC
Antenna	Telescopic
Working Range	120m
Handheld Transmitter	
RF Output Power	10mW (Max)
Battery Type & Life	2 x AA (1.5V), 9 Hours (with Alkaline Batteries)
Bodypack Transmitter	
RF Output Power	10mW (Max)
Battery Type & Life	2 x AA (1.5V), 9 Hours (with Alkaline Batteries)

Specification for Conference system

Chairman Unit: The chairman unit has a TALK switch with LED. It also has a PRIORITY switch with LED. When priority switch is pressed, a chime tone is generated to seek attention and mute the active delegate microphones

Carrier Frequency	2.4GHz(2400-2483MHz) Adaptive Digital FHSS Technology
Operating Range	upto 40m (Indoors)
Frequency Response	70 - 15,000Hz
Power Supply	2 × AA Alkaline Batteries
Dimensions	W205 × H65 × D145 mm

Delegate Unit

Carrier Frequency	2.4GHz(2400-2483MHz) Adaptive Digital FHSS Technology
Operating Range	upto 40m (Indoors)
Frequency Response	70 - 15,000Hz
Power Supply	2 × AA Alkaline Batteries
Dimensions	W170 × H60 × D120 mm

Hoist Unit

Carrier Frequency	2.4GHz(2400-2483MHz) Adaptive Digital FHSS Technology
Operating Range	upto 40m (Indoors)
Frequency Response	70 - 15,000Hz
Power Supply	DC: 12V / 1A AC adapter
Dimensions	W210 × H55 × D185 mm

Gooseneck Microphone

Used for Chairman Unit and Delegate Unit, length - 450mm with bright & clear Ring LED Indicator.

Specification for Amplifier

- Central Amplifier should have a digital recorder for recording the proceedings. Also it could be playback the pre-recorded messages.
- Switchable send/return facility in Central Amplifier.
- Three Mic inputs and one Aux input for various user applications.
- 50W PA Amplifier for adequate sound reinforcement.
- Headphone output provided in Central Amplifier for monitoring purposes.
- AC Mains & 24V DC operation.
- Central Amplifier is 19" rack mountable.
- Central Amplifier should have the facility of feeding two independent groups of Delegate Units as required in large conference setups.

Line Output 1	17.5V DC/3A Max.; -34dBV (20mV)
Line Output 2	17.5V DC/3A Max.; -34dBV (20mV)
Power Output	50W RMS at 2% THD, 90W Max.
Inputs	3×Mic 0.65mV/4.7kΩ, 1×Aux 100mV/470kΩ
Frequency Response	60-14,000Hz (± 3dB)
S/N Ratio	> 60dB
Tone Controls	Bass: -10dB at 100Hz, Treble: -10dB at 10kHz
Preamplifier Output	200mV/600Ω
Line Output	1V/1kΩ
Send Output	200mV/600Ω
Return Input	200mV/10kΩ
Speaker Output	4Ω, 8Ω, 16Ω, 70V & 100V
Power Requirement	AC: 220-240V, 50/60Hz, DC: 24V (2×12V Car Battery)
Power Consumption	250VA
Protections	AC Fuse 1×3 Amp , DC Fuse 2×10 Amp.
Dimensions	W483 × H110× D325 mm

Specification for Speakers

Input Power	15W RMS, 23W Max.
Power Taps	15/10/5/2.5W
Voltage	100V
Frequency Response	150-10,000Hz
SPL at 1kHz	92dB/1W/1m
Speakers	2 × 6"×4"
Dimensions	W150× H465× D130 mm
Weight	3.50kg

Specifications for Professional Presenter

- **Dimensions (height x width x depth):** 38 mm (1.5 in) x 134 mm (5.28 in) x 28 mm (1.1 in)
- **Weight:** 71 g
- **Receiver Dimensions (height x width x depth):** 16.5 mm (0.65 in) x 58.6 mm (2.31 in) x 7.9 mm (0.31 in)
- **Receiver Weight:** 6 g
- **Color:** Black
- **Laser Class:** Class 3 Laser
- **Max Output:** Less than 1mW
- **Wave Length:** 522~542 nm (green light)
- **Battery type:** 2 AAA batteries
- **Battery life (Laser pointer):** 20-hour maximum
- **Battery life (Presenter):** 1050-hour maximum
- **Wireless operating distance:** Approx 30m
- **Wireless technology:** 2.4 GHz wireless technology
- **Supported OS:** Windows Vista, Windows 7, Windows 8
- **Interface:** USB
- **Accessories:** Carring case
- **Warranty:** 3year