



आईएसओ 9001-2015 पत्तान
AN ISO 9001-2015 PORT

**MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT
ELECTRICAL HEADLAND SECTION**

NOTICE INVITING BUDGETORY OFFERS

Name of Work	“SITC OF SOUND SYSTEM FOR CONFERENCE ROOM AT PORTS GUEST HOUSE”
Date of submission of budgetary quotation	On or Before 04.03.2024 at 15.00 Hrs.
Address for communication:	Executive Engineer (E-HL), 1st floor, Electrical Maintenance Cell, Mormugao Port Authority, Admin. Building, Headland sada Vasco-de-Gama Goa - 403804
Contact Details	Phone : (0832) 2594271, 2594214, 2594241 Email : xene.mgpt@gmail.com
Website	www.mptgoa.gov.in

**EXECUTIVE ENGINEER (E-HL)
MORMUGAO PORT AUTHORITY**

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Sub: "SITC OF SOUND SYSTEM FOR CONFERENCE ROOM AT PORTS GUEST HOUSE"

Ref: Budgetary Quotation No. CME/XEN(E-HL)/HL03/2024/01

Mormugao Port Authority intends to carryout work of **"SITC OF SOUND SYSTEM FOR CONFERENCE ROOM AT PORT'S GUEST HOUSE"**.

As such, it is requested to kindly furnish budgetary quotation for the same (Scope of work, technical specifications are enclosed at Annexure-I and Price Schedule enclosed at Annexure- II.

Your budgetary quotation should reach to this office on or before **04.03.2024** at **1500** Hrs.

Thanking you,

Yours sincerely,

EXECUTIVE ENGINEER (E-HL)

ANNEXURE-I

TITLE OF WORK: “SITC OF SOUND SYSTEM FOR CONFERENCE ROOM AT PORTS GUEST HOUSE”

1. GENERAL

Mormugao Port Authority proposes to install sound system for rectangular Conference room which has approximate dimensions of 20 meters X 7 meters at Port's Guest House as per technical specifications.

2. SCOPE OF WORK

The Scope of work includes Supply, installation, testing and commissioning of Sound System at Port's Guest House, as detailed below.

- 2.1** The contractor has to supply and install complete sound system that shall comprise of Mixer, speakers with built-in Amplifier and Mics as per technical specifications /details given at clause no. 3.
- 2.2** The mixer along with associated cabling will have to be enclosed in a wall mounted / floor mounted rack with appropriate lock and key arrangement.
- 2.3** The contractor shall install 04 nos. speakers on the walls at designated locations as directed by the Engineer-in –charge. The complete power/audio wiring of the same is in the scope of the contractor.
- 2.4** The contractor shall provide 03 nos. cordless microphones and 02 nos. podium microphones for the proposed sound system set-up.
- 2.5** The contractor shall install a 32A 2 pole MCB dedicated for this set-up in the main distribution board in co-ordination with the Engineer-in –charge and provide a separate distribution switch board in conference room with 4 Nos. 5/15 Amps switch/sockets with complete wiring of the same for about 50 meters.
- 2.6** The contractor shall supply an android/4G tablet as per technical specifications for facilitating karaoke, singing etc. The tablet is to be supplied with suitable table mounted stand to enable hands-free facility during karaoke, singing etc.



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- 2.7 The work will have to be executed in co-ordination and availability of the Conference room with the Engineer-in-charge and caretaker of Port guest house, in order to avoid interference with normal functioning of the guest house.
- 2.8 The contractor shall supply and install any miscellaneous items such as interconnecting cables between speakers, MCB, Rack, Mixer and associated accessories required as necessary to commission a complete system.

3. TECHNICAL SPECIFICATION:

3.1 Supply, Installation, Testing and Commissioning of Speakers with built-in Amplifier.

- | | | |
|-------|-----------------------|---------------------------------------|
| i. | Power Output | 100W RMS |
| ii. | Output Regulation | ≤ 0.5dB, no load to full load at 1kHz |
| iii. | Frequency Response | 25-20,000Hz ±5dB |
| iv. | Signal to Noise Ratio | 60dB |
| v. | Line Output | 1V/1kΩ |
| vi. | Protections | Overload protection for AC/DC |
| vii. | Power Supply | AC: 220-240V 50/60 Hz |
| viii. | DC Output | 12V/500mA |
| ix. | AC Power Consumption | 250VA |

3.2 Supply, Installation, Testing and Commissioning of Mixer.

- i. No. of Channels: 10
- ii. Connectivity: USB, Bluetooth, SD/MMC Card reader, Digital Player, Mobiles.
- iii. Noise Level: 80dB

3.3 Supply, Installation, Testing and Commissioning of Tablet.

- i. 10 inch HD display
- ii. 3GB RAM, 32GB ROM
- iii. 4000mAH battery
- iv. 1280 x 800 pixel
- v. 4G cellular technology



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3.4 Supply, Installation, Testing and Commissioning of Cordless Microphones.

- i. Connectivity – UHF
- ii. SNR- 95dB or above
- iii. Connectivity: rechargeable
- iv. Backup: 3 Hrs or more

3.5 Supply, Installation, Testing and Commissioning of Podium Microphones.

- i. Connectivity – XLR
- ii. SNR- 95dB or above
- iii. Power Source – Corded Electric

4 SPECIAL TERMS AND CONDITION:

- 4.1 The contractor at his own cost may visit MPA site, before quoting for the tender if required.
- 4.2 Power supply shall be provided to contractor free of cost at the nearest available point for execution of the work.
- 4.3 All the materials transport required for execution of the work has to be arranged by contractor at his own cost.
- 4.4 After completion of the subject work, the contractor shall clear the area of any unwanted scrap while handing over and keep the area clean.
- 4.5 Work shall be carried out following all environmental norms.
- 4.6 Contractor shall follow all safety regulations as per relevant and prevailing standards.



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ANNEXURE-II

Name of the Tender: **SITC OF SOUND SYSTEM FOR CONFERENCE ROOM AT PORTS
GUEST HOUSE**

Sr. No.	Description of work	Unit	Qty.	Rate per Unit (Rs.)	Amount (Rs.)
1.	Supply and Installation of Speakers with built-in Amplifier				
	Supply	No	04		
	Installation	No	04		
2	Supply and Installation of Mixer				
	Supply	No	01		
	Installation	No	01		
3	Supply and Installation of 6U Rack for accommodation of mixer				
	Supply	No	01		
	Installation	No	01		
4	Supply and laying of audio cable from Mixer to individual speakers.				
	Supply	Mtrs.	100		
	Installation	Mtrs.	100		
5	Supply and laying of power cable for the speakers				
	Supply	Mtrs	100		



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	Laying	Mtrs	100		
6	Supply and installation of switch board with 4 Nos. 5/15A switch/sockets				
	Supply	No	1		
	Installation	No	1		
7	Supply and installation of 32 Amps 2 pole MCB				
	Supply	No	1		
	installation	No	1		
8	Supply and installation of 1" casing capping				
	Supply	Mtrs.	200		
	Installation	Mtrs.	200		
9	Supply of cordless microphones	Nos.	03		
10	Supply of podium microphones	Nos.	02		
11	Supply of Tablet	No	01		
12	Testing and Commissioning of complete assembly/ system.	LS	01		
	Total				

(In words Rupees _____
_____ only)

- Note:** 1) The rates quoted above shall be exclusive of GST.
2) Applicable GST shall be paid to the concerned authority by the Contractor and documentary evidence of the same shall be produced to MPA for reimbursement at actual.