

**INTER UNIVERSITY CENTRE FOR BIOMEDICAL
RESEARCH AND SUPER SPECIALITY HOSPITAL
(IUCBR & SSH)**

SHORT TENDER DOCUMENT

**PROVIDING VOICE EVACUATION CUM PUBLIC
ADDRESS SYSTEM AT INTER UNIVERISTY CENTRE
FOR BIOMEDICAL RESEARCH & SUPER SPECIALITY
HOSPITAL (IUCBR & SSH) BUILDING AT
KOTTAYAM**

NOTICE INVITING QUOTATION

Sub: Providing Public Address System for IUCBR & SSH building, Kottayam

Inter university Centre for Biomedical Research & Super Speciality Hospital (IUCBR & SSH), invites sealed and super scribed quotations from interested parties having minimum one year experience in the relevant field for the work as described in the annexure for Providing Public Address System at IUCBR & SSH building, Kottayam

A complete set of quotation document can be had from the Director, IUCBR & SSH on payment of Rs. 855/- (Rupees Eight Hundred and Fifty Five only) on all working days from 16.08.2019 and 1% of the quoted amount as EMD on Demand Draft to be submitted along with the bid.

1. The issue of quotation documents will be up to 26.08.2019, 12 PM.

- a) Issue of quotation document :- From 16.08.2019
- b) Last date and time of receipt of bids :- 26.08.2019, 3.00 PM
- c) Date and time of opening of bids :- 26.08.2019, 3.30 PM

Sd/-
Director
IUCBR & SSH

GENERAL TERMS & CONDITIONS

Name of work: Providing Public Address System at IUCBR & SSH building, Kottayam

1. The probable amount of contract is Rs. 3,81,200/- (Rupees Three Lakhs Eighty One Thousand Two Hundred only)
2. Eligibility criteria:
Bidders should have executed satisfactorily at least 1 job preferably of similar kind and contract should be valuing not less than 50 % of the estimated cost during the last one year. Bidders should have minimum of one year experience in the relevant field.
3. The schedule of quantities (ANNEXURE-I) is appended. Bidders are advised to go through the entire general terms and conditions of this contract carefully.
4. The filled & duly signed quotations should be submitted to;
The Director,
IUCBR & SSH
SME Campus, Thalappady
Rubber Board P.O
Kottayam - 686009

on or before 26.08.2019 on 3.00 PM. The quotations will be opened at 26.08.2019 on 3.30 PM in the presence of interested bidders or their authorized representatives who choose to attend at the time of opening of tender.
5. The work shall be completed within **30 days** from the date of commencement as per the work order. Date of commencement will be the date of handing over the site or the date of issuing work order whichever is later.
6. The contractor shall visit the site before quoting the rates and clarifications if any required can be had from the office of the Director, IUCBR & SSH before submitting the quotation.
7. Rates quoted should be inclusive of all cost of materials, tools/equipment/labour charges, conveyance to site, handling charges, loading and unloading charges, hiring charges, clearing of debris, statutory payments, and all taxes including GST etc complete.
8. IUCBR & SSH reserves the right to accept or reject the Quotation either partially or fully without assigning any reason what so ever.
9. The work should be carried out without causing any inconvenience to the public and shall ensure that no damages are caused to the existing site premises. Also the work shall be carried out in coordination with existing contractors at site.

10. During the execution of work the contractor or authorized representative should be present at site.
11. All Materials, Equipment/Tools required for the work should be arranged by the contractor and brought to site for the timely completion of the work.
12. The materials used shall be as per specification and of good quality.
13. The Contractor has to arrange necessary insurance coverage for the machine, workmen etc. deployed by him. He shall arrange all safety measures to protect his workmen and also the properties of IUCBR & SSH.
14. **Penalty for delay:** The work is to be completed in all respects within 30days of date of commencement. A penalty of 0.5% of the total contract value will be applicable for delay of each week after the scheduled completion date to a maximum of 5% of the contract value.
15. **Measurement & Payment terms:** The method of measurement of completed work shall be in accordance with the relevant IS codes for method of measurement. The Quantity shown in the schedule is an approximate estimated quantity. No extra rate will be entertained if the quantity exceeds due to the site condition while executing the work.
100% payment will be released on satisfactory Supply, installation, testing and commissioning of the system as per direction of Engineer in charge.
Security Deposit shall be recovered at the rate of 2.50% of gross amount of each running bill till the sum will amount to security deposit of 2.50% of the tendered value of work.
One year manufacturer warranty and an extended warranty for two years shall be given by the supplier. Security Deposit will be returned after the successful completion of warranty Period.
16. Final payment shall be paid only after clearing the site as per direction of Engineer-in-charge.
17. **Settlement of Dispute:** Arbitration shall not be the means of settlement of dispute or claims or anything on account of this Contract. If any disputes and difference arise out of the contract, they are to be settled by a civil court at Trivandrum.

The Director, IUCBR & SSH
Rubber Board P.O
Kottayam – 686009

Annexure I

Providing Voice Evacuation cum public address system in IUCBR building, Kottayam

Sl No	Description of the item	Unit	Qty	HSN No	% of GST	Rate incl. GST	Amount including GST
1	Supply, installing, testing & commissioning of <u>6 watts wall mounted type speakers</u> with following features: Body: ABS plastic with metal grille, rated/maximum power: 6W, rated voltage: 100V, sound pressure level at 1m: 96 dB, Frequency Response: 110 Hz ~13K Hz, Color: RAL 9003, Model No.SS-WM06 from Honeywell	Nos	10				
2	Supply, installing, testing & commissioning of <u>8 Zone public address and voice alarm controller with in-built 480W Class-D Power amplifier</u> which can be integrated to existing fire alarm system to provide evacuation messages at the time of Fire or emergency. The controller shall be able to provide announcements to selected zones without affecting the background music of other zones. The emergency messages should be	Nos	1				

<p>given priority over all other messages or back ground music.The controller performs audio storage, signal processing, routing,control and supervision functions for the whole system The voice controller shall have following features: Compliant to international standards.Plug-and-play for easy commissioning.Intuitive set-up with step-by-step guided interaction with the LCD front panel. Fully configurable keys to achieve any task at the press of a button.Modular architecture : Expandable upto 128 speaker lines.Dual channel audio capability. Flexible amplifier backup modes to ensure low cost of ownership and high reliability. Digital volume control on all inputs/outputs. Comprehensive fault detection and indication.The controller shall have the ability to supervise and report faults related to the main power, backup power, CPU, microphone, amplifiers, speaker circuits and the dry contacts. Fault details will be displayed on the LCD screen and fault logs will be stored in the internal memory. Controller shall allow the user to make paging announcements (All Call) using the PTT microphone or the call stations in case of emergencies. Model No.HCU-2000 from Honeywell</p>						
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3	<p>Supply, installing, testing & commissioning of <u>8 Zone Call Station with key pad, Stem Type Microphone with back box, Dual Tone Control for Speech & Music.</u> There shall be an All Call and EVAC button for easy access of all zones. Call station shall have following features: Built-in speaker for audio channel monitor. Temporary recording function for instant message recording and broadcasting. Audio line to facilitate BGM from an external audio source. Separate volume controller for mic input, line-in and speaker. 8 freely programmable buttons. Expandable with X-K4/X-K8 keypad modules if required. Automatic fault detection. Call station has 8 functional buttons and 8 free configurable buttons. The functional buttons are used for regular functions such as all call, zone close, audio monitoring, temporary recording, recording playback, line input selection and microphone switch. The configurable buttons can be programmed as speaker group selection, broadcast task selection or volume control. There shall be provision to connect the external audio source such as CD, DVD, tuner, etc. and broadcast it without configuration. Model No. HMC-2000 from Honeywell</p>	Nos	1				
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4	Supply, laying, termination of 2 core 1.5 sq.mm armoured shielded speaker cable. Approved makes: Polycab / Finolex / Varsha	mtrs	300				
5	Supply, installation, testing and commissioning of 9U rack	Nos	1				
	Total						