

**NATIONAL INSTITUTE OF TECHNOLOGY: TRICHIRAPPALLI 620 015.**

**OFFICE OF THE DEAN PLANNING AND DEVELOPMENT**

**Web: [www.nitt.edu](http://www.nitt.edu)**

**Phone: 0431 – 2503044.**



# **TENDER DOCUMENT**

**Tender Notification No.: NITT/P&D/COM.HALLS-AUDIO EQUIP./14.**

**Dated: 24.12.2013.**

**Name of the component : Annual maintenance and operational support of audio equipments installed in various common halls of NITT as given in Annexure –II.**

**Quantity required : Not Applicable.**

**EMD Amount : NIL.**

**Last Date of submission of Tender: 20.01.2014 : Monday : 3.00 p.m.**

**Address for submission of Tender : The Director  
National Institute of Technology  
Tiruchirappalli-620 015  
Tamil Nadu, India.**

**Mark on the cover kind attention to: Dr.P.Sathiya, Associate Dean-2, P&D**

**Date of opening of bid : 20.01.2014 at 3 . 3 0 p.m.**



**NATIONAL INSTITUTE OF TECHNOLOGY  
OFFICE OF THE DEAN PLANNING AND DEVELOPMENT  
TIRUCHIRAPPALLI – 15**

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Tender Notification No.: **NITT/P&D/COM.HALLS-AUDIO EQUIP./14.**

**Dated: 24.12.2013.**

**NOTICE INVITING TENDER**

The National Institute of Technology, Tiruchirappalli (NITT) is an autonomous body under MHRD, GOI, imparting Technical Education and engaged in Research Activities. It is proposed to outsource the maintenance and operational support for the AUDIO Equipments installed in various halls of NITT campus.

Sealed Quotations are invited for the above mentioned work, subject to the terms and conditions given in **Annexure-1** from the reputed firms familiar with the maintenance work of the AUDIO Equipments. The quotation should reach this office on or before the scheduled date and time. The quotations will be opened on the same day in the presence of bidders or their authorized agents who may choose to be present.

Name of the component : **Annual Maintenance of Audio equipments and operational support for operating the audio equipments installed in various common halls of NITT, as given in Annexure – II.**

EMD Amount : NIL

Last Date of submission of Tender : **20.01.2014 : Monday : 3.00 p.m.**

Address for submission of Tender : The Director  
National Institute of Technology  
Tiruchirappalli-620 015  
Tamil Nadu, India.

*Place, Date and time of opening of bid* :

Date: **20.01.2014**      Time: **3.30 p.m.**      Venue: **A 11 Hall / Admin. Block of NITT.**

**Note:** The Institute shall not be responsible for any postal delay about non-receipt / non delivery of the bids or due to wrong addressee.

## ANNEXURE -1

### TERMS and CONDITIONS

#### MAINTENANCE SUPPORT

The scope of the work covers **Comprehensive maintenance (including spare parts)** of the audio equipment's installed at various common halls / rooms in NIT, Trichy-15 (the list of audio equipment's installed in the common halls are given in Annexure –II).

The Service Agency shall maintain the equipment's as per the manufacturer's guide lines and shall use genuine original spare parts for replacement.

Replacement of any failed component shall be carried out, free of any charge, by the Service Agency. Any cable or battery requires replacement due to usage, that also be carried out free of any charge.

No extra charge will be paid to the Service Agency for any repair / replacement, after entering into the contract.

The Service Agency shall stock adequate spares at NIT to ensure the availability of the equipment's.

The Service Agency shall carry out preventive maintenance regularly (Every fort night) and submit the report to Dean (P&D) Office, National Institute of Technology, Trichy-15

If the equipment requires servicing at Service Agency's / Manufacturer's Work place, the Service Agency shall take the responsible for the transport and safe return of the equipment till it is deployed back in the original position and demonstrated for its proper functioning and till such time an alternate stand-by equipment shall be provided by the Service Agency.

On expiry of the contract i.e., after a period of one year, the Service Agency shall demonstrate the **Perfect working condition** of all the equipment's to National Institute of Technology, Tiruchirappalli - 620 015.

## **AUDIO EQUIPMENT OPERATION SUPPORT**

The service agency is responsible to ensure the smooth and satisfactory audio performance during the various events/functions.

The Service Agency shall set up the audio system in the respective halls / rooms as per the prior request from Convener/Coordinator in charge of Audio equipment in NIT, Trichy and operate the audio equipment till the end of the function or meeting and then keep the equipment back in the locker.

Advance information regarding the time and venue of the meeting / function will be given to the Service Agency by Dean (P&D) office, National Institute of Technology, Trichy.

### **GENERAL TERMS AND CONDCTIONS:**

1. If the contract is assigned, the contract agreement should be signed by the contractor accepting the terms and conditions of the Institute.
2. The contract is valid only for a period of one year from the date of signing of the contract. On satisfactory performance, the contract may be extended for one more year.
3. The contract amount will be paid to the contractor on monthly basis by way of cheque only, after getting the report from the concerned authorities of the Institute, in proper claim bill.
4. The charges for the operational support of the audio equipment's in various halls during events /functions (during semester working days) will be made by way of check at the end of the month by our institute and during the institute (NITT) holidays and semester vacation period the charges for the operational support will be made by cash at the end of the function by the programme organizer. The operational support person will produce the receipt for getting the required amount.
5. The persons involved in the maintenance work, should wear the temporary identity card issued by the institute.
6. TDS will be made as per the IT act from the bills of the contractor.

## **OTHER CONDITIONS:**

If any equipment is not available in proper working condition, deduction will be made from the monthly Service charges payable to the Service Agency at Pro-rata basis.

Besides, a penalty at the rate of Rs.100/- per day per location will be additionally deducted, if the repair of the equipment is not carried out within 7(seven) days of occurrence of failure.

The Service Agency shall provide adequate number of experienced and skilled personnel to carry out comprehensive maintenance of the Audio equipment and to operate the Ahuja make sophisticated audio equipment's during the functions and meetings conducted in the common halls / rooms mentioned in Annexure II.

The persons deputed for the support service in NITT campus shall wear identity card of the Service Agency with the endorsement of NIT, Trichy-15.

If the contract is assigned to the Service Agency, the contract agreement shall be signed by the Service Agency accepting the terms and conditions of the Institute.

The contract is for a period of one year from the date of signing of the contract. On satisfactory performance the contract, NIT, Tiruchy-15 may extend the contract for one more year.

In future, if extra rooms are fitted with the same make and model of the audio equipment, NIT may extend the contract to include the additional rooms using the existing rate following the procedure of NITT.

The service agency is solely responsible for damages caused to equipment's or for life of service personnel in the event of misconduct etc.

**TERMINATION OF THE CONTRACT:**

The Annual Maintenance & Operation Contract will be terminated immediately in the event of any one of the following lapses.

- If the periodic preventive maintenance is not carried out and the report is not submitted regularly to Dean (P&D) office, National Institute of Technology, Trichy-15 within the stipulated time over a period of one month.
- If any of the Audio equipment continues to be non-available for a period one month.
- If the Service personal does not turn up for operating the equipment beyond two occasions.
- Any complaint received from the faculty, staff and students regarding the misbehavior of the Service personal deputed by the Service Agency for the maintenance and for operating the audio equipment's.
- Any issue related to the safety of the equipment's.

The Director, National Institute of Technology, Tiruchy-15 have the right to terminate the contract without assigning any reason, what so ever to the Service Agency

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**PLEASE QUOTE FOR THE FOLLOWING PROVIDED IF THE TERMS AND  
CONDITIONS MENTIONED ABOVE ARE AGREEABLE TO YOU.**

- i) Annual Maintenance charges inclusive of spares and service charges (if any) for the service maintenance of the audio equipment's listed in annexure –II.
- ii) Daily rate per head for setting up the audio equipment's in various halls during function time as per the requirement of NITT, and operate the equipment's till the completion of the function and keeping back the audio equipment's in the locker after the completion of the function. Also specify the number of persons required to set up and operate the equipment's in various halls.

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**Annexure - II**  
**NATIONAL INSTITUTE OF TECHNOLOGY:TRICHIRAPPALLI 6200215.**  
List of audio equipments in various halls.

**I. Hall - A 11**

Sl. No	Instrument	Qty	Remarks
01	Amplifier SSA 160M.	1 No.	In good Working condition
02	Card less Microphone.	1 No.	In good Working condition
03	Collar microphone	1 No.	In good Working condition
04	<p><b>Lectern. (WIRELESS Compact Portable Public Address system)</b>            {Each unit contains built in 60 Watts amplifier one tweeter and three speakers,</p> <ul style="list-style-type: none"> <li>• With 1 VHF hand held MIC,(Max range 100 mts),</li> <li>• 1 VHF collar Microphone (max. range 100 mts),</li> <li>• Flexible goose neck mic. &amp; gooseneck lamp. Two MIC inputs, one line input,</li> <li>• And AUX input. Wooden Top steel bottom &amp; body. }</li> </ul>	1 Units	In good Working condition

**II. Hall A 12**

Sl. No	Instrument	Qty	Remarks
01	Amplifier SSA 160M .	1 No.	In good Working condition
02	Card less Microphone.	1 No.	In good Working condition
03	Collar microphone	1 No.	In good Working condition
04	<p><b>Lectern. (WIRELESS Compact Portable Public Address system)</b>            {Each unit contains built in 60 Watts amplifier one tweeter and three speakers,</p> <ul style="list-style-type: none"> <li>• With 1 VHF hand held MIC,(Max range 100 mts),</li> <li>• 1 VHF collar Microphone (max. range 100 mts),</li> <li>• Flexible goose neck mic &amp; gooseneck lamp. Two MIC inputs, one line input,</li> <li>• And AUX input. Wooden Top steel bottom &amp; body. }</li> </ul>	1 Units	In good Working condition

**III. Hall A13.**

Sl. No	Instrument	Qty	Remarks
1	Amplifier with cassette player. 4040 SM.	1 No.	In good Working condition
2	Amplifier 2000TZA	1 Nos.	In good Working condition
3	Hand microphone	2 Nos.	In good Working condition
4	Card less microphone	1 no.	In good Working condition
5	Collar Microphone	1 No.	In good Working condition
6	<p><b>Lectern. (WIRELESS Compact Portable Public Address system)</b>            {Each unit contains built in 60 Watts amplifier one tweeter and three speakers,</p> <ul style="list-style-type: none"> <li>• With 1 VHF hand held MIC,(Max range 100 mts),</li> <li>• 1 VHF collar Microphone (max. range 100 mts),</li> <li>• Flexible goose neck mic &amp; gooseneck lamp. Two MIC inputs, one line input,</li> <li>• And AUX input. Wooden Top steel bottom &amp; body.}</li> </ul>	1 Units	In good Working condition



**IV) EEE Auditorium.**

<b>Sl. No</b>	<b>Instrument</b>	<b>Qty</b>	<b>Remarks</b>
1	12" speakers with network c300/200 & cabinet.	10 Nos	In good Working condition
2	Ahuja Amplifier TZA 4000.	2 Nos.	In good Working condition
3	Ahuja Amplifier TZA 2000.	1 No.	In good Working condition
4	Ahuja cassette player	1 No.	In good Working condition
5	Yamaha mixing console. 16/4.	1 no.	In good Working condition
6	Ahuja Microphone SHM 1000xlr	3 nos.	In good Working condition
7	Studio master wireless mic. ER11Em11.	2 Nos.	In good Working condition
8	Studio master wireless mic. ER11EL11.(Collar Mic.)	1 No.	In good Working condition
9	Ahuja Splitter Da80.	1 No.	In good Working condition
10	Ahuja Mic. stand.	2 Nos.	In good Working condition
12	Stabilizer.	1 No.	In good Working condition
13	<b>Lectern. (WIRELESS Compact Portable Public Address system)</b> {Each unit contains built in 60 Watts amplifier one tweeter and three speakers, <ul style="list-style-type: none"><li>• With 1 VHF hand held MIC,(Max range 100 mts),</li><li>• 1 VHF collar Microphone (max. range 100 mts),</li><li>• Flexible goose neck mic &amp; gooseneck lamp. Two MIC inputs, one line input,</li><li>• And AUX input. Wooden Top steel bottom &amp; body.}</li></ul>	1Units	In good Working condition

**V) BARN HALL (10,000 watts)**

Sl. No	Instrument	Qty	Remarks
1	Ahuja 12" speaker L12mb 150, LDH200 with network.	1 No.	In good Working condition
2	Ahuja 15" Speaker L 15 MB 300 with network two way speaker.	4 Nos	In good Working condition
3	Ahuja L18 Sw650 network sub-woofer speaker.	2 Nos.	In good Working condition
4	Ahuja Speaker SK12 Frx for monitor.	2 Nos.	In good Working condition
5	Yamaha Mixing console MG24/14Fx.	1 No.	In good Working condition
6	Ahuja Audio splitter Da 80	3 Nos.	In good Working condition
7	Studio Master cross over Network Sx321.	1 No.	In good Working condition
8	Column speaker stand.	2 Nos.	In good Working condition
9	Stabilizer 5 KVA	3 Nos.	In good Working condition
10	Ahuja Amplifier TZa 4000.	4 Nos.	In good Working condition
11	Ahuja Amplifier TZA 2000	2 Nos.	In good Working condition
12	Ahuja amplifier BTZ 10000	2 Nos.	In good Working condition
13	Ahuja amplifier SPA 5000.	2 Nos.	In good Working condition
14	Ahuja Cassette player 4040 sm	1 No.	In good Working condition
15	Ahuja mic. SHM 1000X	6 Nos.	In good Working condition
16	Ahuja Mic. ASM 580 xm.	4 Nos	In good Working condition
17	Studio master wireless ER11 EM 11 mic.	4 Nos.	In good Working condition
18	Studio master Tie pin mic Er11 EL11	1 No	In good Working condition
19	Mic. stands. DHN &DGT	7 Nos.	In good Working condition

**VI) Senate Hall.**

Sl. No	Instrument	Qty	Remarks
1	Conference system 1 set with 1 chairman unit and 14 delegate units & 1 secretary unit.		In good Working condition
2	Ahuja speaker.(with Network)	2 Nos.	In good Working condition
3	Ahuja Control Amplifier CMA 4400.	1 No.	In good Working condition
4	Ahuja Amplifier TZA 4000.	1 No.	In good Working condition
5	Card less mike with SR45 receiver PT45 (collar mike)	2 Nos.	In good Working condition
6	Collar mike with SR45 receiver PT45 (Hand mike)	2 Nos.	In good Working condition