



Basic Details

Organisation Chain	National Institute of Technology Meghalaya Engineering Section - NIT Meghalaya		
Tender Reference Number	NITMGH/PS/SAC/25-26/2356		
Tender ID	2026_NITM_902994_1	Withdrawal Allowed	Yes
Tender Type	Limited	Form of contract	Supply
Tender Category	Goods	No. of Covers	1
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Offline	S.No	Instrument Type
	1	Demand Draft

Cover Details, No. Of Covers - 1

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical/Finance	.pdf	Technical Bid
		.xls	Financial Bid

Tender Fee Details, [Total Fee in ₹ * - 0.00]

Tender Fee in ₹	0.00		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No		

EMD Fee Details

EMD Amount in ₹	30,000	EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	National Institute of Technology Meghalaya	EMD Payable At	Shilong

[Click to view modification history](#)

Work /Item(s)

Title	SUPPLY, INSTALLATION AND COMMISSIONING OF SOUND SYSTEMS AND ITS ACCESSORIES AT NIT MEGHALAYA, SAITSOHPEN SOHRA CAMPUS				
Work Description	As per tender document				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	No				
Tender Value in ₹	13,64,500	Product Category	Electronic Components And Devices	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	120	Period Of Work(Days)	10
Location	NIT Meghalaya, Sohra, Meghalaya	Pincode	793108	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Sohra, Meghalaya
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	18-Mar-2026 05:00 PM	Bid Opening Date	27-Mar-2026 11:30 AM
Document Download / Sale Start Date	18-Mar-2026 05:00 PM	Document Download / Sale End Date	26-Mar-2026 11:00 AM
Clarification Start Date	NA	Clarification End Date	NA

Bid Submission Start Date	18-Mar-2026 05:30 PM	Bid Submission End Date	26-Mar-2026 11:00 AM
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Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Notice Inviting Tender	254.04

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	NIQSAC.pdf	As per tender document	516.36
	2	BOQ	BOQ_949101.xls	Financial Bid	313.00

Limited Bidders List

S.No.	Bidder Name	Bidder Login Id
1.	MELODY	atanuhighland@gmail.com
2.	MUSIC HOUSE	abhishekdebu@gmail.com
3.	TUNE	tuneguwahati@gmail.com

Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	remond.swer@nitm.ac.in	Remond Swer	REMOND SWER
2.	myselpyngz@nitm.ac.in	Myselmon Pyngrope	MYSELMON PYNGROPE
3.	lastmoon.kharpran@nitm.ac.in	R. Lastmoon Kharpran	R. LASTMOON KHARPRAN

GeMARPTS Details

Reason for non availability of GeMARPTS ID	Urgent nature of Procurement
Remarks	Items not available on Gem
Document Name	report_GEM_GARPTS_13032026_9FRE035LGHA5.pdf
Document Size (in KB)	56.51

Tender Properties

Auto Tendering Process allowed	No	Show Technical bid status	Yes
Show Finance bid status	Yes	Stage to disclose Bid Details in Public Domain	Technical Bid Opening
BoQ Comparative Chart model	Normal	BoQ Compartive chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

TIA Undertaking

S.No	Undertaking to Order	Tender complying with Order	Reason for non compliance of Order
1	PPP-MII Order 2017	Agree	
2	MSEs Order 2012	Agree	

Tender Inviting Authority

Name	Registrar
Address	NIT Meghalaya, Sohra, Meghalaya

Tender Creator Details

Created By	Remond Swer
Designation	Junior Engineer Electrical
Created Date	18-Mar-2026 03:56 PM



राष्ट्रीय प्रौद्योगिकी संस्थान मेघालय
NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA
Saitsohpen Sohra -793108

Web : <http://nitm.ac.in>

Ref: NITMGH/PS/SAC/25-26/2356

Date: 18.03.2026

NOTICE INVITING QUOTATION (NIQ) FOR SUPPLY, INSTALLATION AND COMMISSIONING OF SOUND SYSTEMS AND ITS ACCESSORIES AT NIT MEGHALAYA, SAITSOHPEN, SOHRA CAMPUS.

NIT Meghalaya invites tenders in a two-bid system through Central Public Procurement Portal (CPPP) from eligible Bidders for supply, installation and commissioning of sound systems and its accessories as per details enclosed in **ANNEXURE-II** in a Single Bid Tender. The first part is the **Technical Bid** which consists of technical specification and general terms & conditions and the second part is the **Financial Bid**.

Prescribed Tender document, detailed fees and specifications, bid instructions and Terms & Conditions can be downloaded from the CPP Portal <https://eprocure.gov.in/eprocure/app>. The bidding process (submission and finalization) will be done in online mode at CPP Portal. The bidders may submit their bid only through uploading in the CPP Portal <https://eprocure.gov.in/eprocure/app>.

BID INSTRUCTIONS:

1. After evaluation of technical bids, the financial bids of the successful bidders will be opened.
2. **Submission of Compliance Certificate:** Duly filled and signed Compliance Certificates (as per formats at **Annexure-I A & B**) must be submitted along with the technical bid.
3. **Bid not transferable:** The bid documents are not transferable and the seal and signature of the authorized officials of the firms must appear on all the papers and envelopes submitted.
4. The quantity mentioned for each item in the **Annexure-II** may increase/decrease depending on requirements.
5. GST Registration Certificate should be enclosed with the tender documents.
6. Relevant catalogue of the items (if any) must be enclosed.
7. Interested vendors may interact with Dr. Sambit Majumder & Dr. Timir Karmakar Assistant Professor, NIT Meghalaya sambit.majumder@nitm.ac.in and tkarmakar@nitm.ac.in for any queries.
8. For e-waybill the successful vendor has to apply online via <https://ewaybill.nic.in/ewb.html>.

Signature of the Bidder

Bidder's Eligibility Criteria

1. Bidder should submit an OEM Authorization Letter from the respective manufacturer to be issued and signed by authorized signatory of the OEM for the sound systems products.
2. The Bidder should be in the business of sound system for the last 10 Years in India and supporting documents must be submitted.
3. Bidder must have their Office in North-East region of India preferably in Meghalaya for on-site support and GST No. and Copy of the GST Registration and must be enclosed as a proof.
4. Copy of PAN card, GST Registration Certificate & MSME Registration certificate must be submitted online along with the BID.
5. Details if any (Address, Email ID and telephone nos.) of Support Engineer in Northeast India.
6. The bidder should have executed similar work with at least one work order value of not less than 80% of the quoted value, in any reputed Govt. Institute/ Organization/ PSU in any of the North-East States of India. Copy of Purchase Order or Letter from End customer (preferably Central Govt/ State Govt./ PSU) organization must be enclosed as a proof.
7. The Bidder should not have been blacklisted anywhere in India at any point of time. Undertaking from the Bidder from the Director/Proprietor of the Bidding company on their letterhead should be submitted along with technical bid.
8. Bidder must have Annual Average Turnover for last 3 Financial years equivalent to at least 50% of the total quoted value in Rupees, proof of the turnover of the last 03 Financial Year must be submitted by the bidder in their letterhead.
9. Proof of the IT Returns of the last three Financial Years.

NIQ TERMS & CONDITIONS:

1. **PRICE BID:** Rates quoted in the Price Bid should be on DOOR DELIVERY up to NIT Meghalaya (Sohra) basis, and the price should be quoted for each of the items as per the format in ANNEXURE II. Price quoted must include the details as below:

Group:	Item Sl. No.	Item name	
Sl. No.		Particulars	Rate
I		Basic Price (per unit)	
		Discount if any	
		Total	
		GST (pl. break up CGST/SGST/IGST)	
		Total (per unit)	
		Grand total for the items	
II		Transportation charge up to NIT Meghalaya premises (if applicable)	
III		Transit Insurance covering all risk up to 10 days after delivery (if applicable)	
		Grand total on door delivery at NIT Meghalaya, Shillong	

Note: Vague terms like "packing, forwarding, transportation etc. extra" without mentioning the specific amount will not be accepted. Such offers shall be treated as incomplete and rejected.

1. **Bidders shall indicate their rates in clear/visible figures as well as in words and shall not alter/overwrite/make cutting in the quotation. In case of a mismatch, the rates written in words will prevail. Usage of "White ink" to erase and then rewrite the rates will not be accepted.** Bidders are advised to strike out wrong entries and rewrite clearly beside them. In such cases, the bidder shall have to sign and place their official seal for every corrected entry.
2. **Basic price of the items and the taxes must be quoted separately by the vendors.** Tax - inclusive price or as applicable is not acceptable. The basic price and GST must be clearly stated.
3. Quotations have to be submitted in Indian Rupees only. If goods are to be imported, the quotations shall include all charges for customs clearance, clearing agent fees, landing port handling charges, insurance

Signature of the Bidder

etc. and onward transportation of the goods from the port/airport of landing for **door delivery upto NIT Meghalaya Saitsohpen, Sohra (Cherrapunjee), PIN 793108, Meghalaya.**

4. NIT Meghalaya has a valid registration with the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Government of India for availing Customs/Central Excise Duty exemption. NIT Meghalaya will provide all necessary certificates, authorizations and documents required for clearing the consignment and for onward transportation upto NIT Meghalaya Saitsohpen, Sohra (Cherrapunjee), PIN 793108 Meghalaya.
5. **All documents submitted should be in letter head duly self-attested with the seal of the bidder.**
6. Bidder must unconditionally accept all terms and conditions stipulated in the tender document and all pages of the bid including all enclosures should be numbered and must be duly filled in, signed and stamped by the bidder or his authorized representative. Offers received without signature and seal on all pages are liable to be rejected.
7. **Warranty & Support:** The quoted equipment and components must be warranted for a minimum of **One (01) years** from the date of successful installation and training.
8. **Literature must:** All the quotations must be supported by the printed technical data sheet/ literature and the specifications mentioned in the quotation must be reflected/ supported by such printed technical data sheet/ literature. The make and model no. and specifications quoted should invariably be highlighted in the data sheets/ literature for easy reference.
9. **Details of supply** of similar items to other Central/State/PSU organizations to be provided.
10. **Equipment breakdown:** Any Equipment breakdown must be attended to within 72 hours during the warranty period of the equipment free of cost.
11. **After Sales Service: Vendor should clearly state the available nearest after sales service facilities in the North Eastern region, without which the offer will be rejected.**
12. **Dealership Certificate:** The bidder/tenderer should be either a manufacturer or authorized agent of the foreign/Indian manufacturer. Dealers or Agents quoting on behalf of the Manufacturer must enclose a valid dealership certificate authorization certificate from the respective OEMs. Both OEM and its Authorized Dealer can not participate in the same tender together if it is found that both have participated in the tender than both the bid will be rejected.
13. **Earnest Money:** Refundable Earnest Money Deposit (EMD) of **₹ 30,000/- (Rupees Thirty Thousand)** only through demand draft drawn in favour of National Institute of Technology Meghalaya, payable at Canara Bank, NIT Meghalaya Branch, Saitsohpen, Sohra, will have to accompany the technical Bid. The EMD of unsuccessful bidders shall be returned without any interest after award of contract. EMD of the successful bidder will be released without interest on submission of the Performance Bank Guarantee or delivery of the ordered items, as applicable.

In case of firms registered under NSIC/ MSME, EMD exemption will be given to the permissible extent, as indicated in their Certificate. All vendors claiming exemption must submit copies of their valid NSIC/ MSME registration Certificate duly attested with the seal of the organization (along with the Technical Bid in case of two bid systems). Offers received without Earnest Money or valid Certificate shall be summarily rejected.
14. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the product offered.
15. **Performance Bank Guarantee (PBG):** The successful bidder shall furnish an unconditional PBG (as per format at Annexure III) for 3% of the Purchase Order value from a Nationalized/Scheduled Bank of India, before release of the payment. Else 3% of the billed amount will be deducted as a security deposit.

Signature of the Bidder

Where the PBG is obtained by a foreign bank, it shall be endorsed by a Nationalized/Scheduled Indian bank and shall be governed by Indian Laws and be subject to the jurisdiction of courts at Shillong. The PBG shall guarantee that :

- a. The Vendor guarantees satisfactory operation of the Equipment & components against poor workmanship, bad quality of materials used, faulty designs and poor performance.
- b. The Vendor shall, at his own cost, rectify the defects/replace the items supplied, for defects identified during the period of guarantee/warranty.
- c. The PBG shall remain valid for period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligations. PBG shall remain valid for 39 months from the date of PBG.

16. Delivery:

- a. **Time Limit:** Maximum within **Twenty (20) days**, from the date of issue of purchase order
 - b. **Safe Delivery:** All aspects of safe delivery shall be the exclusive responsibility of the vendor. At the destination site, the package will be opened only in the presence of NIT user/representative and vendor's representative. The intact condition of the package and the seal/indicators for not being tampered with, shall form the basis for certifying the receipt in good condition.
 - c. **Insurance:** The supplier is to establish 'All Risk Transit Insurance' coverage till door delivery at NIT Meghalaya, Sohra.
 - d. **Part Delivery:** As far as possible no part delivery shall be entertained. However, in extreme cases, acceptance of part delivery shall be a prerogative of the Institute.
 - e. **Penalty for delay in delivery:** The date of delivery should be strictly adhered to otherwise the Director, NIT Meghalaya reserves the right not to accept delivery in part or full. The Director, NIT Meghalaya also reserves the right to impose penalty, as deemed fit, for delay in delivery of the equipment including imposition of Liquidated Damages (LD). The decision of the Director shall be final and binding to all.
17. **Genuine Pricing:** Vendor is to ensure that quoted price for the item is not more than the price quoted to any other customer in India, particularly to IITs/NITs and other Government Organizations. Copy of the latest price list for the quoted item, applicable in India, must be enclosed with the offer.
18. **Conditional tenders not acceptable:** All the terms and conditions mentioned herein must be strictly adhered to by all the vendors. Conditional tenders shall not be accepted on any ground and shall be rejected straightway. Conditions mentioned in the tender bids submitted by vendors will not be binding on NIT Meghalaya.
19. **The bidder should mention the necessary requirements for this setup.**
20. **Payment: 100%** within 30 (thirty) days from date of delivery and after successful installation, training and acceptance at site.
21. **Enquiry during the course of evaluation not allowed:** After opening the Technical Bid, no enquiry from the bidder(s) shall be entertained during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Purchase Committee or its authorized representative may make enquiries/seek clarification from the bidders. In such a case, the bidder must extend full cooperation. The bidders may also be asked to arrange demonstration of the offered items, in a short period of time.
22. At any time prior to the date of submission of bid, NIT Meghalaya may, for any reason, either of its own or in response to a clarification from a prospective bidder, modify the bidding documents by an amendment / corrigendum. **Any such amendment / corrigendum will be duly notified through the CPP portal only.** Prospective bidders are advised to check the CPP portal every now and then for any amendment / corrigendum. In order to provide reasonable time to take the amendment into account in preparing the bid, NIT Meghalaya may extend the date and time for submission of bids.
23. The acceptance of the quotation will rest solely with the Director, NIT Meghalaya, who in the interest of the Institute is not bound to accept the lowest quotation and reserves the right to himself to reject or

partially accept any or all the quotations received without assigning any reasons.

24. Force Majeure:

If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement under order after giving notice of 15 days from the date of such an event in writing to the other party, and the events referred to are as follows:

- a. Any law, statute or ordinance, order action or regulations of the Government of India,
- b. Any kind of natural disaster, and
- c. Strikes, acts of the Public enemy, war, insurrections, riots, lockouts, sabotage.

25. Termination for default: Default is said to have occurred

- a. If the equipment or any of its components is found having poor workmanship, faulty designs, poor performance and bad quality of materials used.
- b. If the supplier fails to deliver any or all of the services within the time period(s) specified in the purchase order or any extension thereof granted by NIT Meghalaya.
- c. If the supplier fails to perform any other obligation(s) under the contract.

Under the above circumstances NIT Meghalaya may terminate the contract / purchase order in whole or in part and forfeit the EMD/PBG as applicable. In addition to above, NIT Meghalaya may at its discretion also take the following actions: NIT Meghalaya may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate NIT Meghalaya for any extra expenditure involved towards goods and services obtained.

26. Applicable Law:

- a. The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of Competent Court and Forum in Shillong / India only.
- b. Any dispute arising out of this purchase shall be referred to the Director, NIT Meghalaya, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, to be appointed by the Director of the Institute. The decision of such Arbitrator shall be final and binding on both the parties.

27. The rates of all components should be mentioned separately in the submitted quotation and also while submitting the invoice after successful installation and acceptances of the mentioned items.

Sd/-
Registrar

Encl.: ANNEXURE-I(A), ANNEXURE – I(B), ANNEXURE-II & ANNEXURE-III.

Annexure –I (A)

A. COMPLIANCE CERTIFICATE FOR NIQ TERMS
(To be enclosed in the Technical bid)

Sl. No.	NIQ Terms and Conditions	Yes/No
01	<u>Bidder's Eligibility Criteria</u> complied?	
02	OEM CREDENTIALS complied?	
03	Rate quoted as per instruction	
04	Validity of quoted rates for 120 days agreed	
05	EMD submitted/appropriate certificate enclosed	
06	PBG terms agreed	
07	Payment term agreed	
08	Delivery terms agreed	
09	Warranty period agreed	
10	Literature: Printed Literature provided	
11	Dealership / distributorship certificate (in case of dealers/agents) provided	
12	Details of supply to other Institutes of National Importance provided	
13	Equipment breakdown clause agreed	
14	After Sales Service: address of nearest after Sales Service centre in the region provided	
15	Manufacturer certificate provided	
16	Applicable law terms agreed	

Signature with Seal:.....

Vendor: M/s.....

Annexure –I (B)

**TECHNICAL SPECIFICATIONS AND COMPLIANCE STATEMENT
FOR THE SYOUND SYSTEM AND ITS ACCESSORIES REQUIRED BY NIT MEGHALAYA**

Bidder must submit required document to support datasheet & documents for each of the products proposed and mention the reference page numbers to support compliance /variance against each of the line items of technical specifications. Failure to do so will lead to rejection of the tender

NAME OF THE BIDDER			
Sl. No.	Items	Detailed Technical Specification	Complied (Yes/No)
1	SPEAKERS 15"	<ul style="list-style-type: none"> • Speaker type: 2-way Speaker, Bass-reflex • Frequency range (-10dB): Passive: 43 Hz - 20 kHz, Normal (1): 34 Hz - 20 kHz, FOH (1): 33 Hz - 20 kHz • Coverage area: H90° x V60° Rotatable Constant Directivity Horn • Floor Monitor Angle: 50° Symmetrical • Components: • LF: 15 Inch Cone, 3 inch Voice Coil, Neodymium magnet • HF: 2 inch Voice Coil, 1 inch Throat Compression Driver, Neodymium magnet, Titanium diaphragm • Crossover: 2 kHz • Power rating; • NOISE: Passive (EIA 426-A) 400 W, Bi-amp LF (EIA 426-A): 400W, HF (AES): 50W • PGM: Passive (EIA 426-A) 800 W, Bi-amp LF (EIA 426-A): 800W, HF (AES): 100W • PEAK: Passive (EIA 426-A) 1600 W, Bi-amp LF (EIA 426-A): 1600W, HF (AES): 200W • Nominal impedance: Passive: 8Ω, Bi-amp: LF: 8Ω, HF: 16Ω • SPL • Sensitivity (1W; 1m on axis): Passive: 95dB SPL, Bi-amp: LF: 95dB SPL, HF: 108dB SPL • Peak (Calculated): Passive: 127 dB SPL, Bi-amp: LF: 127dB SPL, HF: 131dB SPL • I/O connectors: SpeakON NL4MP x 2 (Parallel) • Handle: Aluminium die-cast, Top x1, Side x1 • Pole socket: Φ35 mm x2 (0° or -7°) • Rigging: M10 x 12 • Dimensions: 450 x 761 x 460 mm • Net weight: 18.0 kg 	
2	SUBWOOFER 18"	<ul style="list-style-type: none"> • Speaker Type: 18" Passive Subwoofer, Bass-reflex • Frequency Range (-10dB): 32 Hz - 3 kHz (Passive), 29 Hz - 150 Hz (Extended/with DSP) • Power Rating: • Noise (EIA 426-A): 500 W • PGM (Program): 1000 W • Peak: 2000 W • Maximum SPL: 133 dB (Peak, 1m on axis, half-space) • Nominal Impedance: 8 • Components (LF): 18" Cone, 4" Voice Coil, Ferrite magnet • I/O Connectors: SpeakON NL4MP x 3 (Parallel x2, 	

		<p>Output x1)</p> <ul style="list-style-type: none"> • Weight: 43.6 kg (96.1 lbs) • Dimensions (W x H x D): 550 mm x 657 mm x 720 mm (21.6" x 25.9" x 28.4") • Pole Socket: 35mm (depth 80mm) and M20 Threaded (depth 25mm) • Enclosure Material: Plywood, Premium-grade Polyurea 																						
3	AMPLIFIER	<table> <tr> <td>Channels</td> <td>2</td> </tr> <tr> <td>Sensitivity</td> <td>1.4V</td> </tr> <tr> <td>Rated Power Output (per channel)</td> <td>3000W 2Ω, 2100W 4Ω, 1200W 8Ω</td> </tr> <tr> <td>Signal to Noise Ratio (below rated 1 kHz power at 8 ohms)</td> <td>103 dB (A-weighted)</td> </tr> <tr> <td>THD</td> <td>< 0.5%</td> </tr> <tr> <td>Frequency Response (at 1W, 20 Hz - 20 kHz)</td> <td>+ 0 dB, -1 dB</td> </tr> <tr> <td>Crosstalk (below rated power) 20 Hz to 1 kHz</td> <td>>70 dB</td> </tr> <tr> <td>Dimensions</td> <td>3.5" x 19" x 16.2"</td> </tr> <tr> <td>Weight</td> <td>24 lbs (10.9 kg)</td> </tr> <tr> <td>Shipping Weight</td> <td>30 lbs (13.6 kg)</td> </tr> <tr> <td>IEC Power Connector</td> <td>20A</td> </tr> </table>	Channels	2	Sensitivity	1.4V	Rated Power Output (per channel)	3000W 2Ω, 2100W 4Ω, 1200W 8Ω	Signal to Noise Ratio (below rated 1 kHz power at 8 ohms)	103 dB (A-weighted)	THD	< 0.5%	Frequency Response (at 1W, 20 Hz - 20 kHz)	+ 0 dB, -1 dB	Crosstalk (below rated power) 20 Hz to 1 kHz	>70 dB	Dimensions	3.5" x 19" x 16.2"	Weight	24 lbs (10.9 kg)	Shipping Weight	30 lbs (13.6 kg)	IEC Power Connector	20A
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IEC Power Connector	20A																							
4	AMPLIFIER	<ul style="list-style-type: none"> • 4 x 1200W at 8Ω • 20 x 8 powerful input matrix function • Sampling frequency is up to 96k • 16ch Dante input/output • Speaker processor such as 16 band PEQ, crossover, filters, delay and limiter 																						
5	SPEAKER 12 "	<ul style="list-style-type: none"> • Speaker Type: 2-way, Passive Bass-Reflex Floor Monitor • Components: 12" LF cone (2.5" voice coil), 1.75" HF co-axial compression driver (1" throat) • Power Rating: 250W Noise, 500W Program, 1000W Peak • Impedance: 8 Ohms • Frequency Range (-10dB): 61 Hz - 20 kHz • Maximum SPL: 123 dB • Coverage: 90° Horizontal x 90° Vertical • Crossover Frequency: 1.5 kHz - 1.8 kHz • Connectors: 2x SpeakON NL4MP (Parallel) • Enclosure: Plywood, 57° monitor angle, Polyurea coating 																						
6	AMPLIFIER	<ul style="list-style-type: none"> • 800W per Channel at 8 Ohms 																						

		<ul style="list-style-type: none"> • Efficient Class-D Amplifier • Custom LSI Chip with PLL Technology • Digital Routing of Inputs & Outputs • XLR, 1/4", SpeakON & Binding Post • PEQ, Crossover, Filters, Delay • D-Contour Multi-Band Dynamic Processing
7	MIXER	<ul style="list-style-type: none"> • Channels: 24 Mixing Channels (16 Mono, 4 Stereo). • Inputs: 16 Mic Inputs (with 48V Phantom Power) and 24 Line Inputs (TRS). • Outputs: 2x XLR Main, 2x TRS Main, 1x XLR Mono, 6x AUX, 2x FX Sends, 2x Matrix Out, 1x Stereo/16 Mono Insert. • Effects: Dual Digital Processors: REV-X (8 programs) and SPX (16 programs). • Connectivity: USB Device port for iPod/iPhone connection and playback. • Dimensions: 819 mm (W) x 169 mm (H) x 565 mm (D). • Power Consumption: 86W Max • D-Contour Multi-Band Dynamic Processing
8	WIRED MICROPHONE	<ul style="list-style-type: none"> • Product type: Dynamic vocal microphone • Frequency response: 50Hz–15kHz • Maximum SPL: 126dB • Capsule type: Dynamic • Polar pattern: Cardioid • Form factor: Handheld • Output connector: XLR • Phantom power required: No
9	GOOSENECK MIC	<p>Frequency Response:70 Hz to 16,000 Hz Sensitivity:33 dBV/Pa[1](22 mV) Self-Noise:27 dBSPL Max. Sound Pressure Level: 120 dBSPL Transducers: Electret Condenser Polar Pattern:Cardioid</p>
10	WIRELESS MICROPHONE	<p>System: Simultaneous Channels: Up to 10 System: Analog/Digital:Analog System: Frequency Range:548-572 MHz System: Operating Range: Up to 250 ft. Line-of-sight System: Frequency Response:50Hz-16kHz System: Microphone Included: Yes System: Channel Selection: Auto Microphone: Type: Condenser Microphone: Polar Pattern: Omnidirectional Microphone: Max SPL:130dB SPL Microphone: Connector:1/8" Microphone: Color: Black Microphone: Frequency Response:80Hz-16kHz Microphone: Cable Length:5.2 ft. Transmitter: Form Factor: Bodypack Transmitter: Mute Feature: Yes Transmitter: Battery Type:2 x AA Transmitter: Battery Life: Up to 10 hours Transmitter: Connector:1/8"</p>

		<p>Transmitter: Dimensions:2.8" x 3.8" x 1.1" Transmitter: Weight:0.21 lbs. Receiver: Antenna Type: Fixed Receiver: Signal/Noise Ratio:≥ 103dB (A-weighted) Receiver: Type: Table Top Receiver: Outputs:1 x XLR, 1 x 1/4" Receiver: Dimensions:7.87" x 1.65" x 5" Receiver: Weight:0.74 lbs.</p>
11	MICRO-PHONE CABLE	<ul style="list-style-type: none"> • A higher Cross-Sectional Area of Tinned copper conductor (35 wires of 0.10mm) and very dense Spiral (Helical) Shielding with Tinned Wires (125 wires of 0.10mm) gives a complete Shield achieving coverage of more than 97%. • Moisture Proof Polymer bounds the 2 conductors giving a superlative performance of the cable even in extreme usage. • Thicker OD of 6.20mm Gives the desired strength and High Limpness and flexibility
12	SPEAKER WIRE	<p>No of Conductors: 2 Conductor – No/ Size of Wire: 140/0.16mm Conductor – Cross Sectional Area: 2.80 Sqmm Insulation Type: PVC Insulation Dia.: 4.00 mm Core Colours: Blue and White Sheath Type: Matt Finish High Flex PVC Overall OD: 10.2 mm</p>
13	SPEAKER STAND	<ul style="list-style-type: none"> • Heavy Duty Speaker stand for load up to 50 kg. • Ideal for speakers and monitors. • Non-scratching locking screw. • Foldable and light weight for easy transport. • Height adjustment 1.1-1.8M
14	MICRO-PHONE STAND	<ul style="list-style-type: none"> • Height: 875 mm - 1475 mm (34.4" - 58.1") • Weight: 2.2 kg (4.9 lbs.) • Boom Length: 780 mm (30.7") • Folded Size: 805 mm x 95 mm x 95 mm (31.7" x 3.7" x 3.7")
15	SPEAK ON JACK	<ul style="list-style-type: none"> • Current rating 40Arms continuous • Up to 50A audio signal and duty cycle of 50% • High impact materials, long lasting and reliable • Only 3 parts, easy to assemble • Wire size of 12AWG / 10AWG • Brass (CuZn39Pb3) contacts with 4µm Ag plating • PBTP 20 % GR shell and polyacetal (POM) strain relief • PBTP 20% GR insert • UL94 HB flammability and complies with IEC 68-2-20 solderability • Temperature range from -30°C to 80°C
16	XLR MALE	<ul style="list-style-type: none"> • 3 Pin Mic extension Female XLR Plug (with Black Coating)
17	XLR FEMALE	<ul style="list-style-type: none"> • 3 Pin Mic extension XLR Plug (with Black Coating)
18	PROCESSOR	<ul style="list-style-type: none"> • Inputs: 3 Analog Line Inputs / AES Digital Inputs (shared), 1 RTA Mic Input. • Outputs: 6 Analog Line Outputs. • Maximum Output Level: +22 dBu, balanced,

		<p>≤1% THD.</p> <ul style="list-style-type: none"> • A/D Converter: 24-bit with dbx Type IV™ Conversion System. • Dynamic Range: 117 dB A-weighted, 114 dB un-weighted. • Processing: 31-band Graphic EQ, 12-band Parametric EQ, Feedback Eliminator, Subharmonic Synth, Compressor, Limiter, Crossover, AutoEQ. • Alignment Delay: Up to 1000 ms per output channel. • Control: Ethernet port for network control.
19	STABILIZER	<ul style="list-style-type: none"> • (10KVA/10000W) stabilizer. • Wide input voltage range for Indian conditions (180-250V). • High overload capability. • Short circuit protection. • Less than 1 sec stabilization time. • No waveform distortion. • Low-noise operation. • Current meter display. • Accurate voltage control. • Over and under voltage correction (automatically regulates in both conditions) • Generator compatible. • Voltmeter displays output voltage so no more 'drop' during bass thumps.
20	POWER STRIP	<ul style="list-style-type: none"> • One 3pin and Two 2pin socket • 100% non flammable • has Virgin ABS plastic molding • Heavy duty 3pin mains cord as per Indian BIS standard • Cord length 1.5 meter • 3pin heavy duty power cord
21	RACK	<ul style="list-style-type: none"> • Rack Units: 22U • Dimensions: <ul style="list-style-type: none"> ○ Width: 600mm ○ Depth: 600mm ○ Usable Depth: 520mm • Material: Cold-rolled CRCA steel • Finish: Powder coated (Black by default; Grey optional) • Static Load Capacity: 250 kg • Doors: <ul style="list-style-type: none"> ○ Front: Lockable toughened glass ○ Rear: Vented metal, lockable • Side Panels: Vented, welded, removable • Mounting Standard: 19" DIN rails with 10mm square slots / M6 tap • Cooling: Includes 2 x 180CFM fans • Cable Entry: Top and bottom field-entry cut-outs • Mobility: 4 Castor wheels (2 with brakes), 4 adjustable levelers

Signature with Seal:
Vendor: M/S

*** Vendor must quote the parameter specification of the quoted product in this column and not just copy the specification from the tender call document. Failure to do so will lead to rejection of the tender.**

ANNEXURE – II

SL No	Item Description	QTY	UOM
1	<p>SPEAKERS 15”</p> <ul style="list-style-type: none"> • Speaker type: 2-way Speaker, Bass-reflex • Frequency range (-10dB): Passive: 43 Hz - 20 kHz, Normal (1): 34 Hz - 20 kHz, FOH (1): 33 Hz - 20 kHz • Coverage area: H90° x V60° Rotatable Constant Directivity Horn • Floor Monitor Angle: 50° Symmetrical • Components: • LF: 15 Inch Cone, 3 inch Voice Coil, Neodymium magnet • HF: 2 inch Voice Coil, 1 inch Throat Compression Driver, Neodymium magnet, Titanium diaphragm • Crossover: 2 kHz • Power rating; • NOISE: Passive (EIA 426-A) 400 W, Bi-amp LF (EIA 426-A): 400W, HF (AES): 50W • PGM: Passive (EIA 426-A) 800 W, Bi-amp LF (EIA 426-A): 800W, HF (AES): 100W • PEAK: Passive (EIA 426-A) 1600 W, Bi-amp LF (EIA 426-A): 1600W, HF (AES): 200W • Nominal impedance: Passive: 8Ω, Bi-amp: LF: 8Ω, HF: 16Ω • SPL • Sensitivity (1W; 1m on axis): Passive: 95dB SPL, Bi-amp: LF: 95dB SPL, HF: 108dB SPL • Peak (Calculated): Passive: 127 dB SPL, Bi-amp: LF: 127dB SPL, HF: 131dB SPL • I/O connectors: SpeakON NL4MP x 2 (Parallel) • Handle: Aluminium die-cast, Top x1, Side x1 • Pole socket: Φ35 mm x2 (0° or -7°) • Rigging: M10 x 12 • Dimensions: 450 x 761 x 460 mm • Net weight: 18.0 kg 	4	Nos
2	<p>SUBWOOFER 18”</p> <ul style="list-style-type: none"> • Speaker Type: 18" Passive Subwoofer, Bass-reflex • Frequency Range (-10dB): 32 Hz - 3 kHz (Passive), 29 Hz - 150 Hz (Extended/with DSP) • Power Rating: • Noise (EIA 426-A): 500 W • PGM (Program): 1000 W • Peak: 2000 W • Maximum SPL: 133 dB (Peak, 1m on axis, half-space) • Nominal Impedance: 8 • Components (LF): 18" Cone, 4" Voice Coil, Ferrite magnet • I/O Connectors: SpeakON NL4MP x 3 (Parallel x2, Output x1) • Weight: 43.6 kg (96.1 lbs) • Dimensions (W x H x D): 550 mm x 657 mm x 720 mm (21.6" x 25.9" x 28.4") • Pole Socket: 35mm (depth 80mm) and M20 Threaded (depth 25mm) • Enclosure Material: Plywood, Premium-grade Poly-urea 	2	Nos

3	<p>AMPLIFIER</p> <ul style="list-style-type: none"> • Channels:2 • Sensitivity: 1.4V • Rated Power Output (per channel) : 3000W 2Ω, 2100W 4Ω, 1200W 8Ω • Signal to Noise Ratio (below rated 1 kHz power at 8 ohms): 103 dB (A-weighted) • THD: < 0.5% • Frequency Response (at 1W, 20 Hz - 20 kHz): + 0 dB, -1 dB • Crosstalk (below rated power): 20 Hz to 1 kHz >70 dB • Dimensions: 3.5" x 19" x 16.2" • Weight: 24 lbs (10.9 kg) • Shipping Weight: 30 lbs (13.6 kg) • IEC Power Connector: 20A 	1	Nos
4	<p>AMPLIFIER</p> <ul style="list-style-type: none"> • 4 x 1200W at 8Ω • 20 x 8 powerful input matrix function • Sampling frequency is up to 96k • 16ch Dante input/output • Speaker processor such as 16 band PEQ, crossover, filters, delay and limiter 	1	Nos
5	<p>SPEAKER 12 “</p> <ul style="list-style-type: none"> • Speaker Type: 2-way, Passive Bass-Reflex Floor Monitor • Components: 12" LF cone (2.5" voice coil), 1.75" HF coaxial compression driver (1" throat) • Power Rating: 250W Noise, 500W Program, 1000W Peak • Impedance: 8 Ohms • Frequency Range (-10dB): 61 Hz - 20 kHz • Maximum SPL: 123 dB • Coverage: 90° Horizontal x 90° Vertical • Crossover Frequency: 1.5 kHz - 1.8 kHz • Connectors: 2x SpeakON NL4MP (Parallel) • Enclosure: Plywood, 57° monitor angle, Polyurea coating 	2	Nos
6	<p>AMPLIFIER</p> <ul style="list-style-type: none"> • 800W per Channel at 8 Ohms • Efficient Class-D Amplifier • Custom LSI Chip with PLL Technology • Digital Routing of Inputs & Outputs • XLR, 1/4", SpeakON & Binding Post • PEQ, Crossover, Filters, Delay • D-Contour Multi-Band Dynamic Processing 	1	nos
7	<p>MIXER</p> <ul style="list-style-type: none"> • Channels: 24 Mixing Channels (16 Mono, 4 Stereo). • Inputs: 16 Mic Inputs (with 48V Phantom Power) and 24 Line Inputs (TRS). • Outputs: 2x XLR Main, 2x TRS Main, 1x XLR Mono, 6x AUX, 	1	nos

	<p>2x FX Sends, 2x Matrix Out, 1x Stereo/16 Mono Insert.</p> <ul style="list-style-type: none"> • Effects: Dual Digital Processors: REV-X (8 programs) and SPX (16 programs). • Connectivity: USB Device port for iPod/iPhone connection and playback. • Dimensions: 819 mm (W) x 169 mm (H) x 565 mm (D). • Power Consumption: 86W Max • D-Contour Multi-Band Dynamic Processing 		
8	<p>WIRED MICROPHONE</p> <ul style="list-style-type: none"> • Product type: Dynamic vocal microphone • Frequency response: 50Hz–15kHz • Maximum SPL: 126dB • Capsule type: Dynamic • Polar pattern: Cardioid • Form factor: Handheld • Output connector: XLR • Phantom power required: No 	4	nos
9	<p>GOOSENECK MIC</p> <p>Frequency Response 70 Hz to 16,000 Hz Sensitivity -33 dBV/Pa[1](22 mV) Self-Noise 27 dBSPL Max. Sound Pressure Level 120 dBSPL Transducers Electret Condenser Polar Pattern Cardioid</p>	1	nos
10	<p>WIRELESS MICROPHONE</p> <p>System: Simultaneous Channels: Up to 10 System: Analog/Digital: Analog System: Frequency Range: 548-572 MHz System: Operating Range: Up to 250 ft. Line-of-sight System: Frequency Response: 50Hz-16kHz System: Microphone Included: Yes System: Channel Selection: Auto Microphone: Type: Condenser Microphone: Polar Pattern: Omnidirectional Microphone: Max SPL: 130dB SPL Microphone: Connector: 1/8" Microphone: Color: Black Microphone: Frequency Response: 80Hz-16kHz Microphone: Cable Length: 5.2 ft. Transmitter: Form Factor: Bodypack Transmitter: Mute Feature: Yes Transmitter: Battery Type: 2 x AA Transmitter: Battery Life: Up to 10 hours Transmitter: Connector: 1/8" Transmitter: Dimensions: 2.8" x 3.8" x 1.1" Transmitter: Weight: 0.21 lbs. Receiver: Antenna Type: Fixed Receiver: Signal/Noise Ratio: ≥ 103dB (A-weighted) Receiver: Type: Table Top Receiver: Outputs: 1 x XLR, 1 x 1/4" Receiver: Dimensions: 7.87" x 1.65" x 5" Receiver: Weight: 0.74 lbs.</p>	5	nos

11	<p>MICROPHONE CABLE</p> <ul style="list-style-type: none"> • A higher Cross-Sectional Area of Tinned copper conductor (35 wires of 0.10mm) and very dense Spiral (Helical) Shielding with Tinned Wires (125 wires of 0.10mm) gives a complete Shield achieving coverage of more than 97%. • Moisture Proof Polymer bounds the 2 conductors giving a superlative performance of the cable even in extreme usage. • Thicker OD of 6.20mm Gives the desired strength and High Limpness and flexibility 	2	roll
12	<p>SPEAKER WIRE</p> <p>No of Conductors: 2 Conductor – No/ Size of Wire: 140/0.16mm Conductor – Cross Sectional Area: 2.80 Sqmm Insulation Type: PVC Insulation Dia.: 4.00 mm Core Colours: Blue and White Sheath Type: Matt Finish High Flex PVC Overall OD: 10.2 mm</p>	2	coils
13	<p>SPEAKER STAND</p> <ul style="list-style-type: none"> • Heavy Duty Speaker stand for load up to 50 kg. • Ideal for speakers and monitors. • Non-scratching locking screw. • Foldable and light weight for easy transport. • Height adjustment 1.1-1.8M 	4	nos
14	<p>MICROPHONE STAND</p> <ul style="list-style-type: none"> • Height: 875 mm - 1475 mm (34.4" - 58.1") • Weight: 2.2 kg (4.9 lbs.) • Boom Length: 780 mm (30.7") • Folded Size: 805 mm x 95 mm x 95 mm (31.7" x 3.7" x 3.7") 	4	nos
15	<p>SPEAK ON JACK</p> <ul style="list-style-type: none"> • Current rating 40Arms continuous • Up to 50A audio signal and duty cycle of 50% • High impact materials, long lasting and reliable • Only 3 parts, easy to assemble • Wire size of 12AWG / 10AWG • Brass (CuZn39Pb3) contacts with 4µm Ag plating • PBTP 20 % GR shell and polyacetal (POM) strain relief • PBTP 20% GR insert • UL94 HB flammability and complies with IEC 68-2-20 solderability • Temperature range from -30°C to 80°C 	16	nos
16	<p>XLR MALE</p> <ul style="list-style-type: none"> • 3 Pin Mic extension Female XLR Plug (with Black Coating) 	20	nos
17	<p>XLR FEMALE</p> <ul style="list-style-type: none"> • 3 Pin Mic extension XLR Plug (with Black Coating) 	20	nos
18	<p>PROCESSOR</p> <ul style="list-style-type: none"> • Inputs: 3 Analog Line Inputs / AES Digital Inputs (shared), 1 RTA Mic Input. • Outputs: 6 Analog Line Outputs. • Maximum Output Level: +22 dBu, balanced, 1% THD. • A/D Converter: 24-bit with dbx Type IV™ Conversion 	1	nos

	<p>System.</p> <ul style="list-style-type: none"> • Dynamic Range: 117 dB A-weighted, 114 dB un-weighted. • Processing: 31-band Graphic EQ, 12-band Parametric EQ, Feedback Eliminator, Subharmonic Synth, Com-pressor, Limiter, Crossover, AutoEQ. • Alignment Delay: Up to 1000 ms per output channel. • Control: Ethernet port for network control. 		
19	<p>STABILIZER</p> <ul style="list-style-type: none"> • (10KVA/10000W) stabilizer. • Wide input voltage range for Indian conditions (180-250V). • High overload capability. • Short circuit protection. • Less than 1 sec stabilization time. • No waveform distortion. • Low-noise operation. • Current meter display. • Accurate voltage control. • Over and under voltage correction (automatically reg-ulates in both conditions) • Generator compatible. • Voltmeter displays output voltage so no more 'drop' during bass thumps. 	1	nos
20	<p>POWER STRIP</p> <ul style="list-style-type: none"> • One 3pin and Two 2pin socket • 100% non flammable • has Virgin ABS plastic molding • Heavy duty 3pin mains cord as per Indian BIS standard • Cord length 1.5 meter • 3pin heavy duty power cord 	3	nos
21	<p>RACK</p> <ul style="list-style-type: none"> • Rack Units: 22U • Dimensions: <ul style="list-style-type: none"> ○ Width: 600mm ○ Depth: 600mm ○ Usable Depth: 520mm • Material: Cold-rolled CRCA steel • Finish: Powder coated (Black by default; Grey op-tional) • Static Load Capacity: 250 kg • Doors: <ul style="list-style-type: none"> ○ Front: Lockable toughened glass ○ Rear: Vented metal, lockable • Side Panels: Vented, welded, removable • Mounting Standard: 19" DIN rails with 10mm square slots / M6 tap • Cooling: Includes 2 x 180CFM fans • Cable Entry: Top and bottom field-entry cut-outs • Mobility: 4 Castor wheels (2 with brakes), 4 adjustable levelers 	1	nos

Signature of the Bidder with seal and stamp

Name of the Bidder :

Date :

Annexure -III

PERFORMANCE BANK GUARANTEE

To:
The Director,
National Institute of Technology
Meghalaya, Saitsohpen Sohra-793108
Meghalaya

WHEREAS (Name of Supplier) hereinafter called "the Supplier" has undertaken, in pursuance of Contract No..... dated,..... 20...to supply. (Description of Goods and Services) hereinafter called "the order".

AND WHEREAS it has been stipulated by you in the said order that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the order.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE, WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the order and without cavil or argument, any sum or sums within the limit of(Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of.....20.....

Signature and Seal of Guarantors

.....
.....
.....

Date.....20....

Address:.....

.....
.....

All correspondence with reference to this guarantee shall be made at the following address: The Director,
National Institute of Technology
Meghalaya Saitsohpen, Sohra-793108,
Meghalaya