



NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI - 620 015

DEPARTMENT OF ECE

**NOTICE INVITING QUOTATION**

File No.	NITT/F.NO.021/CAPEX/2022-23/ECE	Date:	06.03.2023
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To

(Supplier Address)

Sealed quotations are invited from reputed Authorized Dealers / manufacturers for the supply of the Items.

<b>Name of the Item</b>	:	<b>Supply &amp; Installation of Boards (Faculty Name Boards, Dept. Name Boards etc. for NBA)</b>
<b>Quantity Required</b>	:	Mentioned in Technical specs
<b>Specification</b>	:	(As per enclosed Schedule Annexure – I)
1. Quotation Reference No.	:	NITT/F.NO.021/CAPEX/2022-23/ECE
2. Last date and Time for receipt of quotation	:	20.03.2023 before 11 00 AM
3. Date & Time of opening of Quotation	:	21.03.2023 at 02.00 PM
4. EMD Amount	:	Rs, 5,000/- ( 2%)
5. Validity (Days)	:	90 Days
6. Address to which quotations are to be sent	:	The Director, National Institute of Technology, Tiruchirappalli – 620 015, Tamil Nadu, India
<b>Kind attention to</b>	:	<b>Dr. Murali Krishna</b>
Phone	:	0431 250 3310
E-mail	:	<a href="mailto:eceoffice@nitt.edu">eceoffice@nitt.edu</a> , mkr@nitt.edu

1. Quotations should be submitted in the format given in Annexure – I and Annexure-II
2. The envelope should contain the following details:

**“QUOTATION AGAINST ENQUIRY” Supply & Installation of Boards  
(Faculty Name Boards, Dept. Name Boards etc. for  
NBA)NITT/F.NO.021/CAPEX/2022-23/ECE**  
**Kind attention to: Dr. Murali Krishna**  
**Last date and Time for receipt of quotation: 20.03.2023 before 11 00 AM**



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### Terms and Conditions:

1.	The quotation must be in the format furnished by NIT Tiruchirappalli and should be free from corrections/erasures. In case there is any unavoidable correction it should be properly attested. If not, the quotation will not be considered. Quotation written in pencil and incomplete will be rejected.
2.	Earnest Money Deposit (EMD) is to be submitted by way of Demand Draft drawn on any Nationalized bank in India in favor of "The Director, NIT, Tiruchirappalli" payable at Trichy. The bids submitted without EMD will be treated as non-responsive and will be rejected. EMD shall bear no interest. Bidder must fill the EMD returning Form (Annexure-III) and submit along with the quotation. EMD amount of <b>Rs, 5,000/- ( 2%)</b> of estimate value is applicable, however <b>UDYAM &amp; NSIC</b> registered Micro & small enterprises are exempted as per Govt.norms proof to be attached.
3.	You are invited to submit your most competitive quotation for the supply of goods according to the specifications and delivery terms as given. Bank guarantee submitted for EMD shall be valid for 45 days beyond bid validity period.
4.	Bidders may send the quotations in sealed covers with the quotation reference number and last date for receipt of quotations duly superscribed on the cover. <b>Kind Attention to: as mentioned in the point No. 6</b> NB: Mention the company Contact Number / E-mail id on the cover.
5.	Quotation will be opened on due date at <b>21.03.2023 at 02.00 PM at the Store and Purchase Section, NIT, Tiruchirappalli</b> in presence of the tenderers or their representatives who may wish to be present. (Any change in the date, time and venue of the quotation opening will be informed to the bidders through telephone / E-mail)
6.	The National Institute of Technology, Tiruchirappalli reserves the right to accept or reject any quotations, and to cancel the bidding process, and reject all quotations at any time prior to the award of order without assigning any specific reason thereof.
7.	Manufacturer's name and country of origin of materials offered must be clearly specified. Printed brochures, Purchase preference is only for Micro & Small enterprises ( <b>MSE's</b> ) register in <b>UDYAM</b> Portal or <b>NSIC</b> as per Ministries policy for <b>MSE's</b> . Proof to be attached
8.	Samples must be submitted where specified along with the quotations. Samples must be carefully packed, sealed and labelled clearly with enquiry number, subject and sender's name for easy identification. Rejected samples will be returned at your cost if insisted
9.	All supplies are subject to inspection and approval before acceptance. Manufacturer / supplier warranty certificates and manufacturer / Government approved lab test certificate shall be furnished along with the supply, wherever applicable
10.	National Institute of Technology, Tiruchirappalli reserves the right to modify the quantity specified in this enquiry.
11.	Startup company exempted from prior turnover & prior experience (startup certificate registered with DIPP should be enclosed)
12.	The bidder has to submit the bids in sealed envelope, (separate for each tender). Further Bidder should not send clubbing many tenders in one envelope, in such case all the bids will be rejected.



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13.	<p><b>Bid Price</b></p> <p>a. The contract shall be for the full quantity Bidders must quote for entire quantity. Each bidder shall submit only one quotation in Indian Rupee only.</p> <p>b. Post work orders &amp; completion certificate should be submitted, wherever applicable.</p> <p>c. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.</p> <p>d. GST, packing, forwarding and delivering other allied items at the destination shall be included in the price. All such price components may be shown in the quotation. If there is no indication regarding above charges. It will be considered as inclusive of all charges.</p> <p><b>e. If any arithmetic mistake in total / GST calculation is observed, the same shall be corrected by the purchaser with an intimation to bidder</b></p> <p>f. In case the items in the enquiry are covered by any rate contract or any other state or central Government, it should be specified in your quotation and accepted contract rates should also be mentioned. It should be confirmed whether you could supply at the RC rates outside rate contract</p> <p>g. Quotations containing conditions like “subject to prior sale” may not be considered.</p> <p>h. Delivery period required for supplying the material should be invariably specified in the quotation</p> <p><b>i. Bids without quoting GST (unless exempted) will be treated as invalid &amp; disqualified.</b></p> <p><b>j. If there is a discrepancy between unit price and total price, the unit price will be considered. If there is any mismatch between figure and word, the amount in word shall prevail.</b></p>
14.	<p><b>Evaluation of quotations:</b> Quotations will be evaluated item-wise or lump sum basis. The purchase committee will evaluate and compare the quotations determined to be substantially responsive i.e. (i) are properly signed; (ii) Conform to the terms &amp; conditions and specifications; and (iii) price offered are competitive.</p>
15.	<p><b>Award of contract</b></p> <p>a. The National Institute of Technology, Tiruchirappalli will award the Order for supply of Goods / Services to the bidder whose quotation has been determined to be substantially responsive, and who has offered the lowest evaluated quotation price.</p> <p>b. The Bidder should furnish the contract agreement and performance security within 15 days from the date of receipt of the order for supply of goods / services, failing which the order will be cancelled without further notice and awarded to next eligible bidder.</p> <p>c. Notwithstanding the above, National Institute of Technology, Tiruchirappalli reserves the right to accept or reject any quotations, and to cancel the bidding process, and reject all quotations at any time prior to the award of order without assigning any specific reason thereof.</p> <p>d. National Institute of Technology, Tiruchirappalli, prior to the expiration of the quotation validity period, will notify the bidder whose bid is accepted for the award of contract. The terms of accepted offer shall be incorporated in the purchase order.</p>
16.	<p><b>Warranty: 12 Months</b> shall be applicable to the supplied goods and installation work. Bidder should clearly indicate the arrangements for support and maintenance during the period for which the warranty shall be in force.</p>
17.	<p><b>Performance Security: 3 %</b></p>



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18.	<b>Payment:</b> 100% will be paid after Installation and satisfactory working/date of completion of service if the documents are in order. The bill should be raised in favor of "The Director, National Institute of Technology, Tiruchirappalli, Tamil Nadu, India." with institute GST No. 33AAATN5491Q1ZZ.No advance will be provided to the supplier and installer.
19.	<b>Liquidity damages</b> If the bidder / supplier, after accepting the Purchase Order or supply of Goods / Services, fails to deliver any or all of the Goods or to perform Services within the period(s) specified in the Order, The National Institute of Technology, Tiruchirappalli shall impose penalty without assigning any reasons to the bidder / supplier a sum equivalent to 0.50 % of the total cost as indicated in the Purchase Order (which will be deemed as agreed price) for each week or part thereof of delay until actual delivery or performance is completed and such penal charges shall be limited to a maximum of 5% of the agreed price. Once the maximum is reached The National Institute of Technology, Tiruchirappalli, may proceed on its own to consider the termination / cancellation of the Order and may inform the bidder about the cancellation of the said purchase order. unless extension is obtained in writing from the office / Department on valid ground before expiry of delivery period
20.	If the deliveries are not maintained and due to that account Procuring Entity is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier
21.	Dispute clause: Any dispute relating to the Enquiring /Tender of the indented item shall be under the Hon'ble Court having its jurisdiction over Tiruchirappalli only
22.	Startup company exempted from Prior Turnover & Prior Experience (Startup certificate registered with DIPP should be enclosed)
23.	<b>GST as applicable</b>
24.	Performance Bank guarantee should be valid for 60 days beyond the guarantee & warranty and the BG submitted for EMD shall be valid for 45 days beyond bid validity period.
25.	Bids submitted without EMD ( <b>unless exempted</b> ) will be treated as disqualified.
26.	The successful bidder should submit <b>Security Deposit/PBG</b> within 15 days from the date of placement of order. The <b>EMD</b> shall be returned only after receipt of SD. If the bidder fails to deliver the material, then the <b>EMD/SD</b> shall be forfeited.



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**ACCEPTANCE BY THE BIDDER**

Special Terms & Conditions

The Finalization of tender shall be made on GroupWise lowest basis (I,e Group 1: Foam Boards , Group 2: Acrylic Boards, Group 3: Reflector Based AI Boards )

Note 1: The bidders should quote as per the specification as given in the tender failing which the tender will be liable for rejection.

Note 2: The quantity may vary at exceptional circumstances.

Note 3: The bidders may quote from any one of the group (i,e Group 1/Group 2/ Group3) also or all the groups. L1 will be decided based on group wise individually.

Note 4: The Colour of the boards will be mostly, White board with sticker in the blue colour or as applicable.

I/We hereby certify that I/We shall abide hereby the terms and conditions and the Annexures of this limited quotation.

**Signature & Seal of Vendor with Date**

For any details / clarifications regarding could be obtained from Stores and Purchase Section on all working days during 10 AM to 5 PM.

**For further detail related to Technical specifications kindly contact** Dr. Murali Krishna

(Purchase initiator), **DEPARTMENT OF ECE NITT/F.NO.021/CAPEX/2022-23/ECE,**

[eceoffice@nitt.edu](mailto:eceoffice@nitt.edu), mkr@nitt.edu, 0431 250 3310.



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(NB: Mention the Contact Number / E-mail on the cover. Any change in the date, time and venue of the tender opening will be informed to the bidders through telephone / E-mail)

- |   |                |
|---|----------------|
| <b>Enclosures:</b> 1) Specifications of the equipment | Annexure – I   |
| 2) Price Format                                       | Annexure - II  |
| 3) EMD Return Format                                  | Annexure – III |
| 4) Bank Mandate Form                                  | Annexure – IV  |

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**Annexure- I**

**Specifications of the Equipment**

Ref: NITT/F.NO.021/CAPEX/2022-23/ECE

Date:06.03.2023

S. No	Specification	of	NIT-T	Specification of the Supplier
	Note: The Colour of the boards will be mostly, White board with sticker in the blue colour or as applicable.			
	<b>S. No</b>	<b>Board Type</b>	<b>Dimension</b>	<b>Quantity</b>
	<b>Group 1: Foam Boards</b>			
	1.	Foam Board (Dept. & Institute Vision & Mission) <b>3mm Thickness</b>	3.5 Feet x 3 Feet	04
	2.	Foam Board (Dept. PEO's) <b>3mm Thickness</b>	3.5 Feet x 3 Feet	06
	3.	Foam Board (Dept. PSO's) <b>3mm Thickness</b>	3.5 Feet x 3 Feet	02



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	4.	Foam Board (Dept. PO's) <b>3mm Thickness</b>	6 Feet x 4 Feet	06	
	5.	Foam Board (Miscellaneous) <b>3mm Thickness</b>	18 Inch x 3 Inch	42	
	6.	Foam Board (No Cell Phone Use with symbols) <b>3mm Thickness</b>	18 Inch x 4 Inch	12	
	7.	Foam Board (Do's and Don'ts) <b>3mm Thickness</b>	4 Feet x 2.5 Feet	12	
	8.	Foam Board (Two-Wheeler, Car Parking.) <b>3mm Thickness</b>	18 Inch x 6 Inch	06	
	9.	Foam Board (UPS, Store room & Power Room.) <b>3mm Thickness</b>	18 Inch x 5 Inch	25	
	10.	Foam Board (Office Working Hours, Rooms No's with arrow symbols) <b>3mm Thickness</b>	2 Feet x 1.5 Feet	04	
	11.	Foam Board (Emergency Number) <b>3mm Thickness</b>	2 Feet x 1.5 Feet	12	
	12.	Foam Board (Rest Rooms with directional sign Board) <b>3mm Thickness</b>	24 Inch x 6 Inch	06	



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13.	Foam Board (List of Laboratories) <b>3mm Thickness</b>	5 Feet x 3 Feet	01
14.	Foam Board (Lab-in-Charge etc.) <b>3mm Thickness</b>	18 Inch x 8 Inch	13
15.	Foam Board (PI Project) <b>3mm Thickness</b>	8 Feet x 4 Feet	02
16.	Foam Board (List of Equipment's details etc.) <b>3mm Thickness</b>	4 Feet x 3 Feet	13
17.	Foam Board (List of HODs) <b>3mm Thickness</b>	3 Feet x 2 Feet	01
18.	Foam Board (Lab name in 3 Languages) <b>3mm Thickness</b>	5 Feet x 2 Feet	12
19.	Foam Board (Room Number) <b>3mm Thickness</b>	6 Inch x 4 Inch	70
20.	Foam Board (Dept. Name) <b>3mm Thickness</b>	15 Feet x 2 Feet	01
21.	Foam Board (Dept. PhD Scholars Details) <b>3mm Thickness</b>	4 Feet x 3 Feet	01
<b>Group 2: Acrylic Boards</b>			
22.	Acrylic Base Board (Faculty Detail Main Slot Board) <b>3mm Thickness</b>	7 Feet x 4 Feet	01





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23.	Acrylic Board (Slot Fixing Faculty Name type) <b>3mm Thickness</b>	24 Inch x 2 Inch	60
24.	Acrylic Hanging Board (Faculty Name in rooms) <b>3mm Thickness</b>	20 Inch x 5 Inch	40
25.	Acrylic Board with Frame (Dept. Name) <b>3mm Thickness</b>	15 Feet x 4 Feet	01
26.	Acrylic Engraving Board (Garden related board etc.) <b>3mm Thickness</b>	2 Feet x 1 Feet	03
<b>Group 3: Reflector Based AI Boards</b>			
27.	Reflector based AI Board (Welcome to Dept. Board) <b>3mm Thickness</b>	5 Feet x 2.5 Feet	02

**Reasons (if there is difference in specification)**

- 1.
- 2.



## **SCOPE OF WORK**

Note 1: The Contents are tentative in nature. There may be a possibility of increase/Variation in content at the time of printing on the boards based on the needs.

Note 2: The sample contents of one lab had been mentioned in BoQ 7, BoQ 13, BoQ 14, BoQ 16, BoQ 18 in this document. This may vary as per the lab requirement

Note 3: The Content for room numbers in ground floor had been mentioned for sample purpose in BoQ 19 in this document. This may vary for other floors

Note 4: The Content for faculty name in rooms had been mentioned for sample purpose in BoQ 24 in this document. It will vary as per the rooms

### **BoQ 1 : Thickness 3 mm & Dimension 3.5 Feet x 3 Feet**

**Institute Vision** --- Note: 04 No's are required

To provide valuable resources for industry and society through excellence in technical education and research

#### *Institute Mission*

To offer state-of-the-art undergraduate, postgraduate and doctoral programmes

To generate new knowledge by engaging in cutting-edge research

To undertake collaborative projects with academia and industries.

To develop the human intellectual capability to its fullest potential

#### **Department of Electronics and Communication Engineering**

##### **Vision**

- To excel in education and research in Electronics and Communication Engineering

##### **Mission**

- To educate with the state of art technologies to meet the growing challenges of the industry.
- To carry out research through constant interaction with research organizations and industry.
- To equip the students with strong foundations to enable them for continuing Education

### **BoQ 2 : Thickness 3 mm & Dimension 3.5 Feet x 3 Feet**

**Department of Electronics and Communication Engineering** --- Note: 06 No's are required

#### **Program Educational Objectives (PEOs)**

- PEO1: Our Graduates would be successful in Technical and Professional careers
- PEO2: Our Graduates would be successful in their post-undergraduate studies at leading Institutions

#### **Department of Electronics and Communication Engineering**

##### **M Tech Communication Systems**

#### **Program Educational Objectives (PEOs)**

- PEO1: Graduates of the programme will be professional Telecommunication Engineers, Researchers, and Academicians with ethical and societal responsibility.
- PEO2: Graduates of the programme, as part of an organization, will continue to learn and handle cutting-edge technology.

#### **Department of Electronics and Communication Engineering**

##### **M Tech (VLSI Systems)**

#### **Program Educational Objectives (PEOs)**

- PEO1: Graduates will be successful in facing the challenges in their professional career in industry, government and academia by integrating the existing and advanced knowledge in VLSI Systems to solve complex problems in Electronics and Communication engineering.



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- PEO2: Graduates will be efficient in adapting new technologies, achieve excellence in their professional career, lead research as well as development projects/activities and establish themselves as successful professional.
- PEO3: Graduates will practice and inspire high ethical and technical standards, possess technical competency in VLSI Systems and take up higher studies.

### **BoQ 3: Thickness 3 mm & Dimension 3.5 Feet x 3 Feet**

**Program Specific Outcome** ---- Note: 02 No's are required

- To face the challenges in their professional career in industry and government by integrating the existing and advanced knowledge in Electronics and Communication engineering to analyses problems and provide solutions.
- To design cost-effective systems and components for engineering/social applications by applying appropriate technology in Electronics and Communication engineering domain.
- To lead research and transform innovative ideas into reality, establish themselves as successful professionals and possess technical competency to take up higher studies.

### **BoQ 4: Thickness 3 mm & Dimension 6 Feet x 4 Feet**

**Department of Electronics and Communication Engineering** --- Note: 06 No's are required  
**Program Outcomes (POs)**

Graduates of the Electronics and Communication Engineering programme will have the ability

- PO1: To apply the knowledge on Mathematics, Science, and Engineering concepts in Complex Engineering problems..
- PO2: To analyse the complex engineering problems by using the first principles of Mathematics and Engineering fundamentals.
- PO3: To design a component, a system or process to meet the specific needs within realistic constraints such as economics, environment, ethics, health, safety and manufacturability.
- PO4: To perform investigations, design as well as conduct experiments, analyse and interpret the results to provide valid conclusions.
- PO5: To select and apply appropriate techniques for the design & analysis of systems using modern CAD tools.
- PO6: To offer engineering solutions to societal problems.
- PO7: To understand that the solutions have to be provided taking the environmental issues and sustainability into consideration.
- PO8: To understand professional responsibilities and Ethics.
- PO9: To function effectively either as a member or a leader in multidisciplinary activities.
- PO10: To communicate effectively to both the peers and the others and give as well receive clear instructions.
- PO11: To apply engineering & management principles in their own / team projects in a multidisciplinary environment.
- PO12: Realize the need for lifelong learning and engage them to adopt technological changes

**Department of Electronics and Communication Engineering**  
**M Tech (Communication Systems)**  
**Program Outcomes (POs)**

- PO1: Postgraduates of the Communication Engineering programme will demonstrate deep knowledge with an ability to discriminate, evaluate, analyze and synthesize existing and new knowledge in telecommunication engineering and the related mathematics.
- PO2: Postgraduate either as an individual or in the group, will have the ability to define the problems and provide solutions by designing and conducting experiments, interpreting and analyzing data, and reporting the results.
- PO3: Postgraduates will have the confidence to apply engineering solutions in global and societal contexts to contribute to the community for the sustainable development of society
- PO4: Postgraduates will demonstrate the ability to design optimal telecommunication systems that would encompass signal processing, modulation schemes, channel selection, and antenna design and would meet specifications and requirements after considering the related factors in the core area of expertise.
- PO5: Postgraduates will demonstrate the ability to create, select, learn and apply the appropriate software to solve telecommunication engineering problems.



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- PO6: Postgraduates will have the ability to participate as members of telecommunication engineering society and members of multidisciplinary teams to demonstrate a capacity for self-management and teamwork to achieve the common goal
- PO7: Postgraduates will understand the role of economic and financial factors in developing products in the field of telecommunication.
- PO8: Postgraduates will be able to communicate well with the engineering community in both verbal and writing regarding complex engineering activities confidently and effectively.
- PO9: Postgraduate will understand the rapid advances in telecommunication systems, recognize the need for lifelong learning and improve knowledge continuously.
- PO10: Postgraduates will be broadly educated and will have an understanding of the impact of research outcomes, professional practices, and on society and demonstrate ethics in performing research and publishing the technical documents.
- PO11: Postgraduates should be capable of self-education and clearly understand the value of achieving perfection by learning by mistakes without depending on external feedback.

### Department of Electronics and Communication Engineering

#### M Tech (VLSI Systems)

#### Program Outcomes (POs)

- PO1: To acquire in-depth knowledge in Embedded System, Digital VLSI and Mixed Signal Systems including wider and global perspective, with an ability to discriminate, evaluate, analyse and synthesise existing and new knowledge, and integration of the same for enhancement of knowledge.
- PO2: To design and analyse complex VLSI/Embedded circuits critically, using appropriate analytical methods as well as front end and back end tools including prediction and modelling at industry standards with an understanding of the limitations.
- PO3: An ability to independently carry out research /investigation and development work to solve practical problems and have the preparedness for lifelong learning.
- PO4: To comprehend and write effective reports and design documentation by adhering to appropriate standards, make effective presentations, and give and receive clear instructions.
- PO5: Students should be able to demonstrate a degree of mastery in VLSI/Embedded system by way of developing new algorithms, techniques, solutions to domestic and industrial problems.
- PO6: To acquire professional code of conduct, ethics of research and scholarship, consideration of the impact of research outcomes on professional practices and an understanding of responsibility to contribute to the community for sustainable development of society.

**BoQ 5: Thickness 3 mm & Dimension 18 Inch x 3 Inch**

**Zero tolerance for Sexual Harassment -- Note: 3 No's are required**

**Say NO to RAGGING --- Note: 3 No's are required**

**Save Energy: -- Note: 12 No's are required**

**Please Switch off A/Cs, Fans &  
Lights when not in use.**

**LEAVE YOUR BAGS HERE -- Note: 12 No's are required**

**LEAVE YOUR FOOTWEAR HERE --- Note: 12 No's are required**



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**BoQ 6: Thickness 3 mm & Dimension 18 Inch x 4 Inch**



Note: 12 No's are required

**BoQ 7: Thickness 3 mm & Dimension 4 Feet x 2.5 Feet**

**Dos and Don'ts in Laboratory – Note: 12 No's are required**

Do not handle any equipment before reading the instructions /Instruction manuals.

1. Read carefully the power ratings of the equipment before switching ON.
2. Observe type of equipment power sockets to avoid mechanical damage.
3. Do not forcefully place connectors to avoid the damage.
4. Strictly observe the instructions given by the Teacher/ Lab Instructor.
5. Submission related to whatever lab work has been completed should be done during the next lab session.
6. Students should switch on the power supply only after getting the circuit checked by the lab assistant / teacher.
7. After the experiment is over, the students must hand over the components, circuit board, wires etc. to the lab assistant/teacher.

**Note:** The Contents in each lab may vary

**BoQ 8: Thickness 3 mm & Dimension 18 Inch x 6 Inch**

**Two Wheelers Parking --- Note: 4 No's are required**

**Car Parking ---- Note: 2 No's are required**

**BoQ 9: Thickness 3 mm & Dimension 18 Inch x 5 Inch**

**UPS --- Note: 12 No's are required**

**Store Room --- Note: 12 No's are required**

**Power Room ---- Note: 1 No is required**

**BoQ 10: Thickness 3 mm & Dimension 2 Feet x 1.5 Feet**

**Office Working Hours -- Note: 1 No is required**

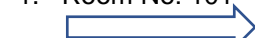
Morning: 8.30 A.M– 12.30 A.M

Lunch: 12.30 P.M – 01.15 P.M

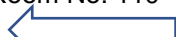
Afternoon: 01.15P.M – 05.15 P.M

**Ground Floor Note: 1 No. is required**

1. Room No: 101 - 109



2. Room No: 110 – 120



**First Floor Note: 1 No. is required**

Room No: 201 – 210

Conference Room: 201



1. Room No: 211 – 220



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HOD Room: 213  
ECE Office: 212



**Second Floor Note: 1 No. is required**

1. Room No: 301 – 310



2. Room No: 311 – 320



**BoQ 11: Thickness 3 mm & Dimension 2 Feet x 1.5 Feet**

FOR EMERGENCY	
HOD/ ECE	9486001109
Office/ ECE	(0431) 2503300
NITT hospital	(0431) 2503860
NITT ambulance	9486001162
Security	(0431) 2503900/9486001168/9500684272
Estate Maintenance	(0431) 2503830/9486001188
Anti-Ragging Helpline	9486001180 ANTIRAGGING@NITT.EDU
Students Grievance helpline	9486001198 STUDENTSGRIEVANCE@NITT.EDU
Women Sexual Harassment helpline	9486001150 WOMENCELL@NITT.EDU
Lab in charge	

Note 12 No's are required

**BoQ 12: Thickness 3 mm & Dimension 24 Inch x 6 Inch**

Rest room



Note: 6 No's are required

**BoQ 13: Thickness 3 mm & Dimension 5 Feet x 3 Feet**

Laboratories Name	Room No
Pattern recognition and Computational intelligence	101
Computer Vision and Machine Learning Lab	102
Medical Image Computing & Artificial Intelligence Lab	103A
Signal Processing Research Laboratory	103B
Centre for Electronics System Design, Calibration and Testing (CESDeCT)	103C
Microwave Electronics Laboratory	104
Microwave Planar Antenna and Filter Design Research laboratory	105



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Electronic Devices and Integrated Circuit Engineering	106A
Devices and Networks Laboratory	106B
Artificial Intelligence Laboratory	107A
Analog VLSI and Embedded System Design Lab	107-B
Wireless Communication Laboratory	202A
Wireless network and simulation laboratory	202B
Wireless Communication & Signal Processing Laboratory	203
Smart Antenna Design Lab	204
Wireless Communication and Networks Research Laboratory	205
Fiber optic communication laboratory	206
Light wave Communications Research Laboratory	207
Digital Electronics Lab	208A
Communication Engineering Laboratory	208A
Photonics and Communication Research Laboratory	208B
Metamaterials Research Laboratory	209
Microwave Integrated Circuits Laboratory	210
Analog VLSI and Embedded System Design Lab	304
Centre for SoC Design and Fabrication	304C
Wireless System Design Lab.	305,306
Microprocessor and Microcontroller Laboratory	307
Digital Signal Processing Laboratory	308A
RF CMOS IC Design Laboratory	308B
Signal and Image Processing Laboratory	309
RF and Wireless System Design Laboratory	CSE Block

Note: 1 No is required

**BoQ 14: Thickness 3mm & Dimension 18 Inch x 8 Inch**

**Faculty In charge**

Dr M Bhaskar

**Staff In charge**

Mr A Kiran Kumar



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Note: The above Lab In charge Content is just an example it will change as per the lab for remaining 12 labs

Note: 13 No's are required

## BoQ 15: Thickness 3mm & Dimension 8 Feet x 4 Feet

Project Title	Funding (in Lakhs)	Funding Agency	Duration (From-To)	PI &Co-PI
Centre for SoC Design and Fabrication	188.5	Mr. Raj Shanmugaraj Alumnus – 1979 Batch	2022-2026	Dr. G. Lakshminarayanan Head Members: Dr.P.Muthuchidambaranathan Dr.M.Bhaskar Dr.B.Rebekka Dr.R.Thilagavathy Dr.R.K.Kavitha Dr.Varun P.Gopi
Design of Digital Signal Processor using SCL foundry	12.8	RESPOND, ISRO-STIC	2021-2023	Dr. G. Lakshminarayanan
Machine Learning/Artificial Intelligence (ML/AI) Hardware/Software Framework for Vyomnoids	49.55	Indian Space Research Organisation (ISRO)	2022-2025	Dr. Varun P. Gopi Dr G. Lakshminarayanan
Design and Implementation of MB-OFDM UWB Transceiver Modules using Asynchronous Pipelining	33.5	MeitY	2008 - 2011	Dr. G. Lakshminarayanan Dr.B.Venkataramani
Deep Learning-Based Reconfigurable and Multifunctional Nanophotonic Interconnects for Hyperscale Data Centers and 6G Backhaul Networks	25.13	CRG, SERB-DST	2022-2025	Dr. G. Thavasi Raja Dr. D. Sriram Kumar
Orthogonal Time Frequency Space Modulation based Index Modulation for 6G Communication Systems	16.06	SERB	2022-2024	Dr. P. Maheswaran
Self-Energised UAV-assisted Communications for 5G Wireless Networks	73.23	MHRD-SPARC	2019-2023	Dr.P.Muthuchidambaranathan Dr.G.Lakshminarayanan Dr.G.Thavasi Raja
Efficient Modulation Format Recognition and Optical Performance Monitoring for Intelligent Management of Future Optical Communication Networks	50.21	SERB, DST	2019 - 2023	Dr. R.K. Jeyachitra
Design and development of MIMO-GFDM systems for 5G eMBB services	20.88	SERB, DST	2019 - 2023	Dr.V.Sudha





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Design of Substrate Integrated Waveguide Band Pass Filter for Ku Band Applications	10.32	CSIR-HRDG (Extra Mural Research Division) – SRF Direct category	2021-2023	- Dr.N.Gunavathi (Project Supervisor)
Performance Analysis of Reconfigurable Intelligent Surfaces in High Altitude Platform Stations with Orthogonal Time Frequency and Space	10	SEED Grant, NIT-Trichy	2021-2023	Dr. P. Maheswaran Dr. P. Sudharsan
Design and Development of Low-Cost Planar Broadband Antennas	4.4	SEED Grant, NIT-Trichy	2021-2023	Dr. Hemant Kumar
Design and Development of Ferrite Dielectric Based Microstrip Isolator for X –Band Application	32.09	ISRO	2021-2023	Dr. S S Karthikeyan Dr N.Gunavathi
Hunting representative sensors and constructing regression model between sensor outcomes using ML	19,82,068	DRDO,GTRE	4-02-2021 to 3-8-2022	Dr.E.S.Gopi
LC Band Pass Filter for Space Technology	48.44	ISRO (Space Technology Incubation Center)	2021-2022	Dr. S S Karthikeyan Dr.N.Gunavathi
Networked airborne base stations for disaster management	10.8	DST	15.06.2017 to 15.06.2020	Dr.P.Muthuchidambaranathan
4D Trajectory-based Air Traffic Flow Management System using System Wide Information Management (4DADFMS)	11.5	Airport Authority of India	2020-2022	Dr. P. Palanisamy Dr. varun P. Gopi
Analysis of aerial intelligent reflecting surfaces for application in 6G wireless systems	10	Shastri Indo Canadian Institute (SICI)	2020-2022	Dr.P.Sudharsan
Algorithmic Approach to Achieve Maximum Functional Coverage Using Constrained Random Verification Platform <b>(Consultancy Project)</b>	2.7	MAXVY Technologies Pvt Ltd, Bangalore	2020 - 2022	Dr. G. Lakshminarayanan
Management of entities in a distributed NFV marketplace using Blockchain	6	INTEL	2018-2019	Dr B.Malarkodi Dr.B.Rebekka Dr N.Gunavathi
Development of Dense Deployable MassiveMIMO antenna systems for5G Wireless Communications with reduced correlation / Mutual Coupling	21.74	DST – SERB	2019-2022	Dr D Sriram kumar Dr P Gunavathi



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Performance Analysis and Characterization of Si/ZnO Heterojunction diode as Pressure Sensor	18.30	TARE – SERB	2019-2022	Dr D Sriram Kumar
Design and development of a dual band RF Energy Harvester for Wireless Sensor Networks using Aerosol Jetting Technology	53.06	DST-IMPRINT	2019-2022	Dr S S Karthikeyan
Development of 3D printed Wearable Button Antenna for Soldier Performance Monitoring Applications	50.53	DST-IMPRINT	2019-2022	Dr S S Karthikeyan
Development of Efficient Traffic Monitoring Analytics & Under Vehicle Scanning Inspection System	40.0	VANDI TECHNOLOGIES PTE LIMITED SINGAPORE	2019-2022	Dr P Palanisamy Dr Varun P Gopi
Automated Prediction of Alzheimer's disease from Optical Coherence Tomography Images of Retina using artificial Intelligence	19.48	SERB	2019-2022	Dr Varun P Gopi
Metamaterial – Based Low Profile LTCC Balanced Antipodal Vivaldi Antenna for 5G eMBB	48.6	SPARC-MHRD	2019-2021	Dr R Pandeeswari Dr R Pandeeswari Dr V Sudha Dr S Deivalakshmi
Design and Development of X-band & Ka-band Passive Device	16.15	ISRO- STIC	2020-2023	Dr.R.Pandeeswari Dr. S. Deivalakshmi Dr G Thavasi Raja Dr S S Karthikeyan
Self-Energised UAV-assisted Communications for 5G Wireless Networks	73.23	SPARC-MHRD	2019-2021	Dr P Muthuchidambaranathan Dr G Lakshminarayanan Dr G Thavasi Raja
Adaptive Telemetry System for Launch Vehicle – demonstration of Proof of Concept	23.66	ISRO – RESPOND	2018-2021	Dr G Lakshminarayanan
In depth investigation on corrosion and tribological studies on expandable engine	98.84	DRDO	2018-2021	Dr G Lakshminarayanan
Energy efficient implementation of Multi-modular Exponential techniques for Public-key Cryptosystems	35.0	DST	2018-2021	Dr G Lakshminarayanan
Management of entities in a distributed NFV market place using Blockchain	6	INTEL	2018-2019	Dr B Malarkodi Dr B Rebekka Dr N Gunavathi
Networked airborne base stations for disaster management	10.8	DST	2017-2019	Dr P Muthuchidambaranathan
Highly Compact Very Large Mode-Area Hybrid Multi-Trench Optical	20.89	SERB	2017-2020	Dr G Thavasi Raja Dr D Sriram Kumar



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Fiber for High-Power Industrial Lasing Applications				
Full Duplex and Cognitive Radio Architectures for Spectrally Efficient Communications	107	UGC – UKIERI	2017-2020	Dr G Lakshminarayanan Dr B Venkataramani
Technology Incubation and Development of Entrepreneurs (TIDE) in the Areas of Electronics & ICT – CEDI	155	Deity	2015 – Till	Dr B Venkataramani Dr G Lakshminarayanan
Special Manpower Development Program for Chipsto System Design(SMDP-C2SD)	79.76	Meity	2014-2019	Dr B Venkataramani Dr M Bhaskar Dr G Lakshminarayanan
Design & Implementation of Digital Modules of On Chip Speech Recognition System	-	Meity	2014-2019	Dr G Lakshminarayanan
Wireless transceiver for low data rate applications (Institute Project)	-	Meity	2014-2019	Dr M Bhaskar
Design & Implementation of baseband modules for wireless sensor networks	3.2	BROADCOM M FOUNDATION USA	2015-2017	Dr B Venkataramani
Wireless System Design laboratory	60.0	FIST/DST	2012-2017	Dr G Lakshminarayanan Dr P Muthuchidambaranathan Dr B Venkataramani
Low Complexity Energy efficient Transceiver for Cognitive Radio System	34.0	UKIERI	2012-2014	Dr G Lakshminarayanan
Partner for the project on Rural and Remote Ubiquitous Broadband Wireless Access	34.0	UKIERI	2012-2014	Dr G Lakshminarayanan
Design and Implementation of Low power analog front end modules for Wireless Sensor Networks	39.0	Deity	2012-2015	Dr B Venkataramani Dr M Bhaskar
Embedded systems development using Intel atom 56XX processor	3.6	Intel-Bangalore	2011-2012	Dr B Venkataramani

Note: 2 No's are required

**BoQ 16: Thickness 3mm & Dimension 4 Feet x 3 Feet**  
**Sample Content --- Note: 13 No's are required**

S.No	Equipments	Numbers	Funding agency	Approximate cost in Lakhs
1	New Port Fiber Optic Kit	03	Institute Plan Fund	12.0
2	Benchmark Optical Fiber Laboratory System	01	Institute Plan Fund	10.63
3	Photonics CAD version 1.6	05	TEQIP	3.64



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4	OPTSIM version 5.2	07	Institute Plan Fund	6.09
5	CRO	04	Institute Plan Fund	0.75
6	Function Generators	04	Institute Plan Fund	0.49
7	Computers	07	Institute Plan Fund	2.31
8	5KVA Online UPS	01	Institute Plan Fund	1.65
9	RSOFT CAD – Fullwave (GUI v2019.03)	03	Institute Plan Fund	7.49
10	Digital Communication trainer kit	01	Institute Plan Fund	1.78
11	Digital Storage Oscilloscope	02	TEQIP	1.24
12	Optical Spectrum Analyzer	01	TEQIP	16.58
13	Fiber optic workbench - Light Runner	01	Institute Plan Fund	8.61
14	Computers – Hp Prodesk	05	TEQIP	3.23
15	Avalanche Photodiode Module with Accessories	01	Institute Plan Fund	1.31
16	LED Module with Accessories	01	Institute Plan Fund	0.79

Note: The above Content will change for different labs

**BoQ 17: Thickness 3mm & Dimension 3 Feet x 2 Feet**

S.No	Name of the H.O.D	Year
1.	Dr P. Ramakrishna Rao	1982 - 1992
2.	Dr A.L. Abdulsattar	1992-1995
3.	Dr P Ramakrishna Rao	1995-1997
4.	Dr M J.S Rangachar	1997-1999
5.	Dr N Kalyanasundaram	1999-2007
6.	Dr B Vankataramani	2007-2010
7.	Prof P Somaskandan	2010-2013
8.	Dr D Sriram Kumar	May 2013 to August 2013 (incharge)
9.	Prof P. Somaskandan	September 2013 to January 2014
10.	Dr D Sriram Kumar	February 2014 to 2017



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11.	Dr G Lakshminarayanan	2017 to 2020
12.	Dr P Muthuchidambaranathan	2020 to 2022
13.	Dr M Bhaskar	2022 to till date

**Note: 1 No. is required**

### BoQ 18: Thickness 3mm & Dimension 5 Feet x 2 Feet

Fiber optic communication laboratory

ஃபைபர் ஆப்டிக் தொடர்பு ஆய்வகம்

फाइबर ऑप्टिक संचार प्रयोगशाला

**Note: The above Content will change for different labs**

**Note: 12 No's are required**

### BoQ 19: Thickness 3mm & Dimension 6 Inch x 4 Inch

101, 102, 103A,103B,103C, 104 105 106A,

106B,107A,107B,110,111,112,113,114,115,116,117,118,119,120 etc

**Note: The above Content will change for floors**

**Note: 70 No's are required**

**BoQ 20: Thickness 3mm & Dimension 15 Feet x 2 Feet**

**Department of Electronics and Communication Engineering Note: 1 No. is required**

### BoQ 21: Thickness 3mm & Dimension 4 Feet x 3 Feet

No. of Scholars Completed Ph.D. till date (Full time + Part time+ QIP)	No of Ongoing Ph.D. Scholars (Full time + Part time + QIP)	No. of Completed M.S. Scholars (Full time + Part time+ QIP)	No. of Ongoing M.S. Scholars (Full time + Part time+ QIP)
79	93	26	4

**Note: 1 No. is required**

Acrylic Boards

**BoQ 22: Thickness 3mm & Dimension 7 Feet x 4 Feet**

**BoQ 23: Thickness 3mm & Dimension 24 Inch x 2 Inch**



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015  
FACULTIES, TECHNICAL AND SUPPORTING STAFFS

Name	Room No.	Name	Room No.	Name	Room No.
Head of Department		Assistant Professors		Technical Staff	
Dr. M. Bhaskar	213	Dr. N. Gunavathi	221	Mrs. V Jeeva Stella	120
Department Office	212	Dr. Varun P. Gopi	320	Mr. R Sathik Batcha	114
Professors		Dr. R. Malmathanraj	317	Mr. P Viswanathan	
Dr. G. Lakshminarayanan	111	Dr. R. K. Kavitha	310	Mr. M Ramesh Babu	
Dr. P. Muthuchidambaranathan	312	Dr. R. Thilagavathy	311	Mr. A Kiran Kumar	308
Dr. M. Bhaskar	303	Dr. P. Maheswaran	110	Mr. B Raja Naik	104
Dr. D. Sriramkumar	214	Dr. P. Sudharsan	319	Mr. Bharat Bhushan Khare	107
Dr. P. Palanisamy	302	Dr. Hemant Kumar	216	Supporting Staff	
		Dr. Srinivasulu Jogi		Mr. P Sarvanan	212
Associate Professors		Dr. Bukke Chandrababu Naik		Mr. T Thangmuthu	212
Dr. B. Malarkodi	112	Dr. Bibin Francis		Others	
Dr. E. S. Gopi	101	Dr. Parthasarathy R		Dept. Library	301
Dr. R. Pandeewari	119	Dr. Avik Hati		ECE. Association	217
Dr. R. K. Jeyachitra	215	Dr. B. Naresh Kumar Reddy		Conference Hall	201
Dr. B. Rebekka	220	Dr. Murali Krishna R		Meeting Room	113



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Dr. G. Thavasi Raja	118			Data Processing/ Staff room	
Dr. V. Sudha	211			FM Radio Station 90.8	
Dr. S. Deivalakshmi	117			Female Lounge	
Dr. S. S. Karthikeyan	314			C.C.S.	
				Mr. T Gopinath	
				Mr. D Kalaiselvan	
				Mr. R Senthil Kumar	

**Note: The Designation of Non Teaching staff has to be added**

**BoQ 24: Thickness 3mm & Dimension 20 Inch x 5 Inch**

**Faculty Name**

Dr M Bhaskar

**Note: The name will change for different rooms**

**Note: 40 No's are required**

**BoQ 25: Thickness 3mm & Dimension 15 feet x 4 Feet**

Department of Electronics and Communication Engineering --- **Note: 01 No. is required**

**BoQ 26: Thickness 3mm & Dimension 2 Feet x 1 Feet**

Tree Planted by

Dr B Venkataramani

Note: The above content is a sample one.

**Note: 03 No's are required**

**BoQ 27: Thickness 3mm & Dimension 5 feet x 2.5 Feet    Note: 02 No's are required**

**Welcome**

**To**

Electronics and

Communication Engineering

Silver Jubilee Building





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	<b>Other requirements related to the equipment</b>	<b>NITT Requirement</b>	<b>Supplier commitment</b>
1.	Installation required	<b>Yes</b>	
2.	Warranty (in Month)	<b>12 Months</b>	
3.	Comprehensive AMC required	<b>No</b>	
4.	Delivery Period (Weeks)	<b>1 Week</b>	
5.	Shipment terms		<b>At NIT-T</b>
6.	Performance Security in %		<b>3%</b>
7.	Payment Terms		<b>100% Payment after satisfactory delivery/Installation</b>
8.	EMD Amount (2 to 5)%		<b>Rs, 5,000/- ( 2%)</b>

**Signature & Seal of Vendor with Date**

**Note:**

Specification of the Supplier should be given in detail, single word confirmation like Complied / No / same will be treated as non - responsive Bid and summarily rejected.

Proof for the supplier's specification must be enclosed along with the quotations.

(catalogue, brochure, and product website link if any)





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DEPARTMENT OF ECE

Annexure- II

PRICE BID FORMAT FOR BIDDERS

Tender No. & Date :

Bidder's Offer No. & Date :

S. No.	Description of item	Unit (Set / No)	QT Y	Rate / Qty in Rs. (excluding GST)	GST in Rs.			Total Value + GST in Rs.
					SGST	CGST	IGST	
<b>Group 1: Foam Boards</b>								
	<b>Board Type</b>	<b>Dimension</b>						
1	Foam Board (Dept. & Institute Vision & Mission) <b>3mm Thickness</b>	3.5 Feetx3 Feet		04				
2	Foam Board (Dept. PEO's) <b>3mm Thickness</b>	3.5 Feet x 3 Feet		06				
3	Foam Board (Dept. PSO's) <b>3mm Thickness</b>	3.5 Feet x 3 Feet		02				
4	Foam Board (Dept. PO's) <b>3mm Thickness</b>	6 Feet x 4 Feet		06				
5	Foam Board (Miscellaneous) <b>3mm Thickness</b>	18 Inch x 3 Inch		42				
6	Foam Board (No Cell Phone Use with symbols) <b>3mm Thickness</b>	18 Inch x 4 Inch		12				
7	Foam Board (Do's and Don'ts) <b>3mm Thickness</b>	4 Feet x2.5 Feet		12				
8	Foam Board (Two-Wheeler, Car Parking.) <b>3mm Thickness</b>	18 Inch x 6 Inch		<u>06</u>				
9	Foam Board (UPS, Store room & Power Room.) <b>3mm Thickness</b>	18 Inch x 5 inch		25				
10	Foam Board (Office Working Hours, Rooms No's with arrow symbols) <b>3mm Thickness</b>	2 Feet x 1.5 Feet		04				



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11	Foam Board (Emergency Number) <b>3mm Thickness</b>	2 Feet x 1.5 Feet		12					
12	Foam Board (Rest Rooms with directional sign Board) <b>3mm Thickness</b>	24 Inch x 6 Inch		06					
13	Foam Board (List of Laboratories) <b>3mm Thickness</b>	5 Feet x 3 Feet		01					
14	Foam Board (Lab-in-Charge etc.) <b>3mm Thickness</b>	18 Inch x 8 Inch		13					
15	Foam Board (PI Project) <b>3mm Thickness</b>	8 Feet x 4 Feet		02					
16	Foam Board (List of Equipment's details etc.) <b>3mm Thickness</b>	4 Feet x 3 Feet		13					
17	Foam Board (List of HODs) <b>3mm Thickness</b>	3 Feet x 2 Feet		01					
18	Foam Board (Lab name in 3 Languages) <b>3mm Thickness</b>	5 Feet x 2 Feet		12					
19	Foam Board (Room Number) <b>3mm Thickness</b>	6 Inch x 4 Inch		70					
20	Foam Board (Dept. Name) <b>3mm Thickness</b>	15 Feet x 2 Feet		01					
21	Foam Board (Dept. PhD Scholars Details) <b>3mm Thickness</b>	4 Feet x 3 Feet		01					
22	<b>Price per square feet for frames, Other accessories / spares etc. as given in scope of supply (Individual item-wise break-up price shall be attached as an annexure to this price bid format.)</b>								



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23	Installation and Commissioning (extra, if any) per Square Feet								
Sub Total									
<b>Group 2: Acrylic Boards</b>									
24	Acrylic Base Board (Faculty Detail Main Slot Board) <b>3mm Thickness</b>	7 Feet x 4 Feet		01					
25	Acrylic Board (Slot Fixing Faculty Name type) <b>3mm Thickness</b>	24 Inch x 2 Inch		60					
26	Acrylic Hanging Board (Faculty Name in rooms) <b>3mm Thickness</b>	20 Inch x 5 Inch		40					
27	Acrylic Board with Frame (Dept. Name) <b>3mm Thickness</b>	15 Feet x 4Feet		01					
28	Acrylic Engraving Board (Garden related board etc.) <b>3mm Thickness</b>	2 Feet x 1 Feet		03					
29	<b>Price per square feet for frames, laser engraving charges</b> Other accessories / spares etc. as given in scope of supply (Individual item-wise break-up price shall be attached as an annexure to this price bid format.)								
30	Installation and Commissioning (extra, if any) per Square Feet								
Sub Total									
<b>Group 3: Reflector Based AI Boards</b>									
31	Reflector based AI Board (Welcome to Dept. Board) <b>3mm Thickness</b>	5 Feet x 2.5 Feet		02					
32	<b>Price per square feet for frames,</b>								



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	Other accessories / spares etc. as given in scope of supply (Individual item-wise break-up price shall be attached as an annexure to this price bid format.)								
33	Installation and Commissioning (extra, if any) <b>per Square Feet</b>								
Sub Total									
34	Packing & Forwarding charges (extra, if any)								
35	Freight & Transit insurance charges, extra, if any								
36	Total price (delivery, installation and commissioning at NIT-T)								
37	Value of Annual Maintenance Contract								
38	<b>Net cost to be paid by NIT-T</b>								
<b>Grand Total Group 1 + Group2 + Group3</b>									

Signature & Seal of Vendor

**Note: The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, in case the item is "Not Applicable". If this format is not used or any column is left blank, then the bid will be rejected.**



**(TO BE PRINTED IN LETTER PAD OF THE FIRM)**

**EMD Returning Form**

To  
The Director  
National Institute of Technology,  
Tiruchirappalli – 620 015

Sub: Returning EMD amount

Sir / Madam,

Our firm has participated in the tender / quotation enquiry No mentioned below and produced the EMD amount through DD, details of the DD are given below.

Tender / Quotation Reference No	
EMD amount	
DD Number	
DD issued Bank	
Date of DD	

It is requested to return the EMD amount to our firm after completion of the purchase to the below mentioned Bank account.

Account Name	
Bank Account Number	
IFSC code	
Bank	

**Signature with Seal and Date**



NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620 015

(TO BE PRINTED IN LETTER PAD OF THE FIRM)

**Annexure – IV**

**MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER**

Date: / /

To

The Director,  
National Institute of Technology,  
Tiruchirappalli – 620 015, Tamil Nadu

Sub	:	Authorization for release of payment / dues from National Institute of Technology, Tiruchirappalli through Electronic Fund Transfer/RTGS Transfer.
-----	---	--

1. Name of the Party / Firm / Company / Institute :
2. Address of the Party :
3. City \_\_\_\_\_ Pin Code \_\_\_\_\_
4. E-Mail \_\_\_\_\_ Mobile No: \_\_\_\_\_
5. Permanent Account Number \_\_\_\_\_
6. Particulars of Bank:

Bank Name:		Branch Name:	
PIN Code:		Branch Code:	
IFS Code:(11 digit alpha numeric code)			
Account Type	Savings	Current	Cash Credit
Account Number:			

**DECLARATION**

I hereby declare that the particulars given above are correct and complete. If any transaction delayed and not effected for reasons of incomplete or incorrect information I shall not hold Director, National Institute of Technology Tiruchirappalli responsible. I also undertake to advise any change in the particulars of my account to facilitate updating of records for purpose of credit of amount through NEFT/RTGS Transfer.

Place: \_\_\_\_\_ Date: \_\_\_\_\_

**Signature & Seal of the Authorized Signatory of the Party**