

Basic Details

Organisation Chain	IIT BHUBANESWAR		
Tender Reference Number	IITBBS/SE/Engg section/43/2025-26		
Tender ID	2025_IITBR_889179_1	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	Works
Tender Category	Works	No. of Covers	2
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	Direct Credit
	2	Demand Draft
	3	FDR

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Technical bid
2	Finance	.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 ₹	1,46,200	EMD Exemption Allowed	No
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Registrar IIT Bhubaneswar	EMD Payable At	Bhubaneswar

[Click to view modification history](#)

Work /Item(s)

Title	Civil works				
Work Description	Construction of Lecture Recording Studio at Lalitgiri Hall of Learning, IIT Bhubaneswar				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	73,09,886	Product Category	Civil Works	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	120	Period Of Work(Days)	60
Location	Main Building, 3rd floor IIT Bhubaneswar, Argul	Pincode	752050	Pre Bid Meeting Place	Engineering Section
Pre Bid Meeting Address	3rd floor Main Building, IIT Bhubaneswar Argul Jatni Dist-Khordha Odisha	Pre Bid Meeting Date	12-Dec-2025 11:30 AM	Bid Opening Place	Engineering Section
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	09-Dec-2025 05:45 PM	Bid Opening Date	23-Dec-2025 02:30 PM
Document Download / Sale Start Date	09-Dec-2025 05:55 PM	Document Download / Sale End Date	22-Dec-2025 02:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	09-Dec-2025 06:00 PM	Bid Submission End Date	22-Dec-2025 02:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Construction of Lecture Recording Studio at Lalitgiri Hall of Learning, IIT Bhubaneswar	2630.18

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_934586.xls	Financial bid	311.00

Auto Extension Corrigendum Properties for Tender		
Iteration	No. of bids required for bid opening a tender	Tender gets extended to No. of days
1.	3	7
2.	3	7
3.	3	7

Bid Openers List			
S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	sambit@iitbbs.ac.in	Sambit Ranjan Mohanty	SAMBIT RANJAN MOHANTY
2.	diptiranjana@iitbbs.ac.in	Dipti Ranjan Pattanaik	DIPTI RANJAN PATTANAİK
3.	biswaranjan@iitbbs.ac.in	BISWARANJAN PRADHAN	BISWARANJAN PRADHAN

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	SE(Civil)
Address	3rd floor Main Building, IIT Bhubaneswar Argul Jatni Dist-Khordha Odisha

Tender Creator Details	
Created By	Indubhusan Jena
Designation	Executive Engineer (Civil)
Created Date	09-Dec-2025 05:31 PM



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR
ARGUL, JATNI, KHORDHA 752050

E-TENDER DOCUMENT

For

**Construction of Lecture Recording Studio at Lalitgiri Hall of Learning, IIT
Bhubaneswar, Argul.**

Notice Invitation Tender Serial No. IITBBS/Engg. Section/43/2025-26
dated. 09.12.2025



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

INDEX

Name of Work: Construction of Lecture Recording Studio at Lalitgiri Hall of Learning, IIT Bhubaneswar, Argul.

Sl. No.	Description	Page
1	Index Page	1
2	Notice inviting E-Tender	2-3
3.	General Instructions	4-9
4.	Submission of tender	10-11
5.	Tender (Standard form for agreement) (Annexure-A)	12-13
6.	Proforma of schedule	14-16
7.	Scope of the work	17-29
8.	Terms and conditions of work	30-40
9.	Undertaking by Bidder (Annexure-B)	45
10.	Undertaking for GCC Compliance (Annexure-C)	46
11.	Bid security declaration form (Annexure-D)	47
12.	Undertaking regarding black listing/non-debarment (Annexure-E)	48
13.	Vendor Master Form (Annexure-F)	49
14.	Proforma of certificate regarding labour payments and statutory requirement to be furnished by Bidder (Annexure-G)	50
15.	Proforma of no demand certificate by Bidder (Annexure-H)	51
16.	Details about bidding agency (Annexure-I)	52
17.	Financial turnover of the organisation (Annexure-J)	53
18.	Check list (Annexure-K)	54
19.	BOQ (Annexure-L)	55-61
20.	Tender drawings	62-63

NIT amounting to ₹ 73,09,886.42 (Rupees seventy three lakhs nine thousand eight hundred eighty six and paise forty two)only is approved.

[Certified that this N.I.T. contains 56 pages + BOQ contains 07 pages Total 63 pages only].

Superintending Engineer (Civil)
IIT Bhubaneswar



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Indian Institute of Technology Bhubaneswar

1. NOTICE INVITING E-TENDER

1.1. INTRODUCTION

Indian Institute of Technology (IIT) Bhubaneswar, hereinafter called IITBBS, invites sealed tender from the eligible bidder for “Construction of Lecture Recording Studio at Lalitgiri Hall of Learning, IIT Bhubaneswar, Argul” particulars of the project are as following.

1.2. PARTICULARS

1. NIT Number	NIT No. IITBBS/SE/Engg.Section/43/2025-26
2. Name of work	Construction of Lecture Recording Studio at Lalitgiri Hall of Learning, IIT Bhubaneswar, Argul.
3. Location of work	IIT Bhubaneswar, Argul, Jatni-752050
4. Estimated cost (including GST)	₹ 73,09,886.42 (Rupees seventy three lakhs nine thousand eight hundred eighty six and paise forty two)only
5. Time Limit for Execution	2 (two) months from date of start.
6. Tender Basis and Mode	L-1 basis ,Two stage (Technical bid and Financial bid)
7. Earnest Money Deposit	₹ 1,46,200/- (Refundable without interest) The intending bidder has to fill all the details of EMD such as multiple Demand Draft/ Fixed Deposit Receipts amount and date.
8. Mode of payment to IITBBS (EMD/tender fee)	i. Original Demand Draft (DD) / FDR has to be submitted physically at the office of SE (Civil) on or before the due date/extended date of submission of bid or may be paid by depositing in the bank account (as mentioned in Clause 2.1.15 of general instructions) & Scanned copy of Demand Draft / FDR/ online payment acknowledgement slip has to be uploaded on https://eprocure.gov.in/eprocure/app ii) Demand draft / FDR to be drawn in favour of Registrar, IIT Bhubaneswar payable at Bhubaneswar
9. Closing date & Time for Receipt of bid.	Dt.22.12.2025 at 2.00 P.M
10. Date & Time for opening technical of bid	Dt.23.12.2025 at 2.30 P.M
11. Pre-bid meeting(Online/Offline)	Dt.12.12.2025 at 11.30 A.M
12. Engineer-in-charge and contact detail	Superintending Engineer(Civil), IIT Bhubaneswar Argul Jatni, Dist-Khordha, Odisha
13. Address for tender issue, submission and opening	Office of the Superintending Engineer (Civil), 3 rd Floor, Main Building, IIT Bhubaneswar, Jatni, 752050, Odisha.
14. Website for full and updated information	www.iitbbs.ac.in or https://eprocure.gov.in/eprocure/app

1.3 ELIGIBILITY CRITERIA

- 1.3.1 The bidder must have completed value of works as given below with Government/ Semi-government/ PSU/ Government Funded Autonomous Organization/Universities/Reputed Higher



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

Educational Institution during last 7 (seven) years ending previous day of last date of bid submission.

- i) At least ONE similar work of value 80% of the estimated cost
or
- ii) TWO similar works for projects each of value 60% of the estimated cost
or
- iii) THREE similar work for projects each of value 40% of the estimated cost;

Similar Works shall mean: Construction of lecture recording studio including the supply, installation, Testing, Commissioning of AV items, Electrical/civil works, Post Production Setup and Acoustics.

- 1.3.2 The Bidder should have experience of doing business, sales, service and integration in AV studio (Proof of having executed such work should be attached). The Bidder should have experience of handling of recording studio equipment.

Work Completion certificate/Satisfactory report from client for the similar work must be submitted & the same must be issued not below the rank of Executive Engineer or equivalent cadre. Completion certificate issued by Competent Authority will be considered as credential. If the Completion certificate issued by the Competent Authority does not reflect the type of work, then Final bill/ Schedule of Quantity of the qualifying works also to be attached along with the Completion certificates.

- 1.3.3 The bidder must have GST registration certificate and Permanent Account Number of income tax. The validity of the registrations should be valid as on the date of tender submission.
- 1.3.4 The average annual financial turnover for any 3(three) consecutive financial years from FY 2021-22, FY 2022-23, FY 2023-24 and FY 2024-25 should be at least 75% of the estimated cost of the above work. The details are to be submitted at **Annexure-J** (Financial turn over including CA certified statements).
- 1.3.5 Agencies that are debarred or blacklisted by any Govt. Departments are not eligible to participate in the tender. An undertaking is to be submitted along with the bid as per **Annexure-E** by the bidders to the effect that during the last 3 year period prior to the bid notification date they are not debarred or blacklisted by any Govt. Department. In case, it is found at later stage that the bidder is a blacklisted company declared by any Govt. Department then the works shall be withdrawn, and EMD/bid security payable amount against the work, if any, will be forfeited.

Superintending Engineer (Civil)

On behalf of Director, Indian Institute of Technology Bhubaneswar

Copy to:

1. Dean(PG &RP)/Dean (CE), IIT Bhubaneswar
2. Chairperson, CITSC, IIT Bhubaneswar
3. Registrar, IIT Bhubaneswar
4. Chairperson(Infrastructure)/ Co-chairperson (infrastructure), IIT Bhubaneswar
5. Executive Engineer(Civil/Electrical), IIT Bhubaneswar
6. Electronic & Media Engineer/ Assistant Executive Engineer(Civil), IIT Bhubaneswar
7. Deputy Registrar (F&A) / Assistant Registrar(F&A), IIT Bhubaneswar
8. Notice Board/ Tender notice uploaded on CPP Portal and Institute website.



2. INFORMATION TO BIDDER

2.1. GENERAL INSTRUCTIONS

- 2.1.1 Bidding documents are to be obtained electronically through websites: <https://www.iitbbs.ac.in> or <https://eprocure.gov.in/eprocure/app>.
- 2.1.2 This bid document shall be read in conjunction with CPWD GCC (General Conditions of Contract-2023- Construction works) <https://cpwd.gov.in/Documents>.
- 2.1.3 The bidder shall visit and inspect the site and obtain all information on his own responsibility and at own cost, which may be necessary for the purpose of quoting and submitting the tender. No excuse or ignorance as to site conditions and local information shall be accepted after awarding of the contract. Access to the site will be granted by the Engineer-in-charge on all working days within working hours.
- 2.1.4 All clarifications about the tender shall be sought by bidder on or before pre-bid meeting. The bidder may make suggestions which shall be considered during the Pre-bid Meeting. Intending bidder(s) may also send their queries or suggestion, if any, through e-mail to the Engineer-in-charge on or before pre-bid meeting. No queries shall be entertained after notification of replies to noteworthy queries received till the date of pre-bid meeting.
- 2.1.5 The bidding document (consisting of specifications, the schedule of quantities of various types of items to be executed, the set of terms and conditions of the contract and other documents/drawings, if any), Addendums/Corrigenda, Clarifications to pre-bid queries, if any, shall be published only on the website any time before the closing time of tender and the same can be downloaded from the Institute website. The Institute shall not be responsible for any delay / difficulties /inaccessibility of downloading facility for any reason whatsoever. The Bidder who has downloaded the Tender documents from website must visit the website and ensure that such addendum/corrigendum (if any) is also downloaded by them. This shall be the responsibility of the prospective registered bidder to check the website for any such corrigendum/addendum before closing time of bid and ensure that bids submitted by them are in accordance with all the corrigendum's/addendums.
- 2.1.6 All costs, charges and expenses that may be incurred in connection with the preparation of the tender shall be borne by the bidder and the Institute accepts no liability whatsoever thereof.
- 2.1.7 Rates quoted by the bidder shall be inclusive of GST (Goods and Services Tax- Central, State and Interstate) and all applicable taxes. Income Tax and all other statutory deductions like labour cess etc. will be deducted from the bill as per prevailing rules.
- 2.1.8 Exemption to IITBBS against any tax/ duty/ fee/ surcharge/ charge/ cost, if any, found applicable or sought later from IITBBS after award shall be passed on to IITBBS by the bidder without dispute.
- 2.1.9 IITBBS reserves the right to reject any or all of the bids without assigning any reason thereof.
- 2.1.10 Bid Validity: Bid shall remain valid for 120 days from the date of opening of Tender document.
- 2.1.11 Firm Price: Bidder's quoted Rates/Prices for executing the activities under the contract shall remain firm till completion of the entire work and shall not attract any escalation under any circumstances, whatsoever.
- 2.1.12 If any information furnished by the bidder is found to be false / fabricated, then his bid will be rejected and treated as cancelled. Even if such manipulation is detected at any stage after signing of the contract, it would lead to termination of the contract besides forfeiture of Earnest Money Deposit and liabilities towards prosecution. In such cases, the bidder will be debarred from participation in future tender process in IITBBS for next 2 (two) years.



- 2.1.13 Refund / Conversion of Earnest Money Deposit: The Earnest Money received shall be returned to the unsuccessful bidders without any interest after award of the work/finalisation of the Tender. The EMD of successful bidder shall be returned on submission of performance guarantee.
- 2.1.14 The intending bidder can pay the amount of EMD through Demand Drafts/ Fixed Deposit Receipts from any Scheduled Bank drawn in favour of **Registrar, IIT Bhubaneswar** / online in the below mentioned account details.

Details of Account Holder:

Name of the Account: IIT Bhubaneswar

Address: Indian Institute of Technology, Arugul, Jatni-752050

Bank Accounts Details:

Institute's Bank Name: ICICI Bank Limited

Branch Name with Address: Nangalia Complex, Main Road, Jatni, Dist- Khordha, Odisha-752050

Complete Bank Account Number: 006101055198

IFSC Code of the Branch: ICICI0001985

MICR Code: 751229009

SOL ID: 1985

The Institute will not be responsible for deposit of the EMD by the bidder in wrong account number or failure in online deposit due to any reasons.

Bids without valid EMD will be rejected summarily.

- 2.1.15 EMD shall be placed in single sealed envelope superscripted as “Earnest Money” with name of work and due date of opening of the tender also mentioned thereon. Copy of certificate of work experience wherever applicable and other documents if required and specified in this bid document shall be scanned and uploaded in the e-tendering website within the period of tender submission and **certified copy of each shall be deposited in a separate envelope** marked as “Other Documents” in the office of Superintending Engineer, IIT Bhubaneswar, Argul before the due date and time mentioned in the NIT.
- 2.1.16 The envelope containing EMD shall be submitted in the office of Superintending Engineer, IIT Bhubaneswar, Argul before the last date and time of submission of tender. Online tender documents submitted by intending bidder shall be opened only for those bidder, who have submitted Earnest Money Deposit, other documents as per the tender requirement and are found in order.
- 2.1.17 Forfeiture of Earnest Money Deposit: Earnest Money Deposit (EMD) will be forfeited in any of the following cases.
- The bidder withdraws / modifies his tender during the period of Bid Validity.
 - The bidder, in case of tie between lowest bids, refuse to submit revised offer.
 - The bidder does not accept the correction of arithmetical errors of his Tender.
 - The bidder refuse to accept the terms and conditions of the NIT after submission of bid for the Tender.
 - The bidder fails to deposit Performance Guarantee and information as per format given in GCC within the stipulated time before award of the work.
- 2.1.18 The Tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed, terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded either from



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

website www.iitbbs.ac.in or <https://eprocure.gov.in/eprocure/app> and shall be submitted online through website <https://eprocure.gov.in/eprocure/app>.

2.1.19 The following documents are to be uploaded along with Tender.

- ii) Required Experience / completion certificates with relevant work order copy for similar nature of works
- iii) Certificate of EPF with latest EPF slip deposit & ESIC.
- iv) Copy of E.M.D. has to be uploaded and the original EMD document to be submitted in the office.
- v) Undertaking by bidder (Annexure-B)
- vi) Undertaking for GCC Compliance (Annexure-C)
- vii) Bid security declaration form (Annexure-D)
- viii) Undertaking regarding black listing/non debarment (Annexure-E)
- ix) Details about bidding agency (Annexure-I)
- x) Check list (Annexure-M)
- xi) Certificate of financial Turnover from Chartered Accountant as per **Annexure-J**.

The intending bidder has to fill all the details of EMD such as multiple Demand Draft/ Fixed Deposit Receipts amount and date.

2.1.20 Bidder can upload documents in the form of JPG format and PDF format.

2.1.21 The black listed/banned Bidders of the Institute as given below are not eligible to participate in the Tender.

Sl No.	Name of the Vendor/ bidder	Period of ban
01.	M/s. Lalit Mohan Nanda 21ACZPN4861B1ZI	2 years with effect from 28.05.2024
02.	M/s. Siddhiksha Powertech GST No. 19BIIPP2872A1Z7	2 years with effect from 06.08.2024
03.	M/s. Irfan Ahmad GST No. 07AEPPA2622H1ZS	2 years with effect from 03.09.2025

2.1.22 Agreement shall be drawn with the successful bidder on prescribed Standard Form as mentioned in these tender documents. Bidder shall quote their rates as per various terms and conditions of the said form, which will form part of the agreement.

2.1.23 The time allowed for carrying out the work will be **12(twelve) months from** the date of start mentioned in the work order or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the Tender document.

2.1.24 The tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website www.iitbbs.ac.in and shall be submitted online on website [www.eprocure.gov.in](https://eprocure.gov.in). Other necessary documents also can be seen in the office of the Superintending Engineer, Engineering Section, IIT Bhubaneswar during hours of 10:00 AM to 5:00 PM on any working day.

2.1.25 After submission of the tender, the bidder can re-submit revised tender any number of times but before last time and date of submission of Tender as notified.

2.1.26 The bidder whose tender is accepted will be required to furnish performance guarantee of



5% (Five Percent) of the tendered amount within the period specified in **Schedule B**. **If the bidder quotes more than 10% below the estimated cost, the bidder has to deposit additional performance guarantee on the differential amount between the quoted amount and 90% of the estimated cost within the period specified in Schedule F**. This guarantee shall be deposited through

- i) Demand Draft drawn in favour of **Registrar, IIT Bhubaneswar** from any Scheduled Bank
- or
- ii) Fixed Deposit Receipts pledged to **Registrar, IIT Bhubaneswar** from any Scheduled Bank

In case the bidder fails to deposit the said performance guarantee within the period as indicated in Schedule ‘E’, including the extended period if any, the Earnest Money deposited by the bidder shall be forfeited automatically without any notice to the bidder.

- 2.1.27 Intending bidder is advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tender as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. The bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at their own cost all materials, planks, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tenders by bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work and local conditions and other factors having a bearing on the execution of the work.
- 2.1.28 The competent authority on behalf of the Director, IIT Bhubaneswar does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without assigning any reason there to. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.
- 2.1.29 Canvassing whether directly or indirectly, in connection with tender is strictly prohibited and the tender submitted by the bidder who resort to canvassing will be liable for rejection.
- 2.1.30 The competent authority on behalf of Director, IIT Bhubaneswar reserves to himself the right of accepting the whole or any part of the Bidder and the tender shall be bound to perform the same at the rate quoted.
- 2.1.31 The bidder shall not be permitted to tender for works in the IIT Bhubaneswar, in which his near relative is posted in Accounts Section or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the IIT



Bhubaneswar. Any breach of this condition by the bidder would render him ineligible for participating in future tender at IIT Bhubaneswar.

2.1.32 No Engineer of gazetted Rank or other gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a bidder for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the bidder or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.

2.1.33 This Notice Inviting Tender shall form a part of the work order/Agreement.

a) The Notice Inviting Tender, all the documents including additional conditions, Tender Schedule, Scope of Work etc, forming part of the tender as uploaded at the time of invitation of tender and the rates quoted online at the time of submission of tender and acceptance thereof together with any correspondence leading thereto.

b) Standard form of Agreement of the work as per Annexure-A.

The tender document will include following three components

Part A:-

Standard form of Agreement of the work as per Annexure-A, Standard General Conditions of Contract of CPWD 2023 for **Construction work** as amended/modified up to date.

Part B:-

General/specific conditions, specifications and schedule of quantities applicable to major components of the work.

Part C:- Schedule A to F for minor component of the work. Competent authority (SE) under **clause 2** and **clause 5** as mentioned in schedule A to F for major components, General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.

2.1.34 The bidder has to fill and submit the details specified in Annexure-A to D and F to I after submission of Letter of Acceptance failing which the bid will be rejected.

2.1.35 **Price Preference Policy and Exemption** for submission of various eligibility criteria documents to the Bidder registered under Make in India Initiative:

The bidders who are registered under Make in India Initiative and producing their products under the **“Make in India Policy of Government of India”** shall be given price preference as per Govt. of India applicable Rules and Guidelines on submission of relevant certificate for availing the price preference and exemption for submission of exempted documents against this bid along with their Pre-Qualification Bid Documents. If the certificate is not uploaded along with their offer, it will be treated as normal bidder. Producing certificates at a later stage will not be considered.

2.1.36 Bidders are advised to go through the Make in India initiative and Price Preference Policy before opting the same for availing benefit under this initiative.

2.1.37 It should be noted that this tender is subject to the provisions contained in Government of India, Ministry of Commerce & Industry, Department for Promotion of Industry and Internal Trade (Public Procurement Section) Order No. **P-45021/2/2017-PP (BE-II)** dated **04.06.2020** and all other relevant orders issued by the Government of India from time-to-time.



- (a) The ‘Class-I local supplier / Class-II local supplier’ at the time of tender bidding or solicitation shall be required to indicate percentage of local content and provide self-verification that the item offered meets the local content requirement for Class-I local supplier / Class-II local supplier, as the case may be. They shall also give details of location(s) at which the local value addition is made.
- (b) In cases of procurement for a value in excess of **Rs. 10.00 Crore**, the ‘Class-I local supplier / Class-II local supplier’ shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
- (c) False declaration will be in breach of the Code of Integrity under **Rule 175(1)(i)(h)** of the **GFR-2017** for which a bidder or its successors can be debarred for up to **two (02) years** as per **Rule 151(iii)** of the GFR-2017 along with such other actions as may be permissible under law.



2.2 SUBMISSION OF TENDER:

- 2.2.1 Help for bidder, FAQ, Information about DSC and Bidders Manual Kit containing the detailed guidelines for e-Procurement system are also available on Central Public Procurement Portal i.e. <https://eprocure.gov.in/eprocure/app>.
- 2.2.2 It is mandatory for all the bidder to have a valid Class-II/Class-III Digital Signature Certificate (in the name of person having power of attorney to sign the Bid) from any of the licensed Certifying Agency (Bidder can see the list of licensed CA's from the link www.cca.gov.in) to participate in e-Procurement of Central Public Procurement Portal.
- 2.2.3 It is mandatory for the bidder to get their firm /company registered with e-procurement portal <https://eprocure.gov.in/eprocure/app> to have user ID & password.
- 2.2.4 Tender documents will be available online on website <https://eprocure.gov.in/eprocure/app> which can be downloaded free of cost.
- 2.2.5 The tender document shall be submitted online in the prescribed format given on the websites and technical bids received online shall be opened as per NIT or Corrigendum thereof. No other mode of submission is acceptable. Detailed credentials as per the requirement of eligibility criteria and all tender papers except Bill of Quantities are to be submitted in "Technical Bid".
- 2.2.6 The "Financial Bid" has to be filled online and no physical submission of the Financial Bid is required.
- 2.2.7 Representative of the bidder, who chooses to attend, may attend the online opening of the technical bids on the scheduled date and time of Bid opening. However, such representatives shall be allowed to attend the opening of the Technical Bids, only if such person presents the letter of authority issued in his name by the bidder on his letterhead.
- 2.2.8 The bidder cannot submit the tender after the due date and time of e-bid submission. Time being displayed on Central Public Procurement Portal <https://eprocure.gov.in/eprocure/app> ("Server System Clock Time") shall be final and binding on the bidder. e-bids are required to be submitted by bidder, only as per the Indian Standard Time (IST) and not the time as per their location/country.
- 2.2.9 The bidder are advised to submit their e-bids well before the e-bid due date. IIT Bhubaneswar shall not be responsible for any delay in submission of e-bids for any reason including server and technical problems.
- 2.2.10 The Technical and Financial Bids shall be digitally signed by the Authorised Signatory of the bidder and submitted "on-line" only. The authorised signatory of the bidder must be in possession of Power of Attorney before submitting the digitally signed bid. Scanned copies of various documents can be prepared in .pdf file format.
- 2.2.11 **Any tender received without original Earnest Money in the form as specified in clause 1.2 at Sl.No.8 of this tender document shall not be considered and shall be summarily rejected.** IIT BHUBANESWAR reserves the right to cancel the tenders before submission/opening of tenders, postpone the tender submission/opening date and to accept/reject any or all tenders without assigning any reasons thereof. IIT Bhubaneswar's assessment of suitability as per the eligibility criteria shall be final and binding. Tenderers may note that they are liable to be disqualified at any time during tendering process in case any of the information furnished by them is not found to be



true. The decision of IIT Bhubaneswar in this regard shall be final and binding.

- 2.2.12 The sealed EMDs shall be received at the Office of Superintending Engineer (Civil), 3rd Floor, Main Building, IIT Bhubaneswar-752050 before the due date of submission as mentioned in **Para-1.2 at Sl.No.9** or Corrigenda otherwise. EMD received after the due date and time shall not be considered.

2.3 EVALUATION OF BIDS AND AWARD OF WORK

- 2.3.1 The Bids of bidder will be opened on the specified date and time. Bids shall, first, be checked for payment of Earnest Money i.e. Bid of bidder will be opened on the specified date and time. Bids shall, first, be checked for payment of Earnest Money.
- 2.3.2 The Bids of bidder will be opened electronically on the specified date and time of opening at the Engineering Section, 3rd floor, Main Building in the presence of willing bidder or their authorised representatives.
- 2.3.3 Evaluation of Technical Bid: The bids received will then be assessed on the eligibility criteria mentioned at Para1.3 of Notice Inviting Tender. Bids found not meeting the eligibility criteria shall be considered non-responsive and shall be rejected summarily.
- 2.3.4 IITBBS retains the right to revert back to individual bidder with further clarifications/ queries on the Technical Bid. The bidder has to respond to the queries within the specified time mentioned in the covering letter.
- 2.3.5 Financial bids of the technically qualified bidders will only be opened. However, if a bidder does not quote any percentage above/below on the total amount of the tender, the tender shall be treated as invalid and will not be considered as lowest tender.
- 2.3.6 Letter of Acceptance: LOA will be issued to the L1 bidder (hereafter referred to as contractor) & the L1 bidder is required to furnish a Performance Guarantee as per **Clause 2.1.26** within the schedule time & extension if any.
- 2.3.7 Work Order will be issued after receipt of the Performance Guarantee.
- 2.3.8 Agreement (Contract) as per the format attached at Annexure-A shall be executed with the awardee within 15 days from the issue of Work Order.
- 2.3.9 Date of start of work shall be reckoned from the 10th day of the issue of the Letter of Acceptance.
- 2.3.10 **Defect Liability Period (DLP): 1(one) year from the date of completion of work.**



Annexure-A

Standard form of Agreement

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Tender for the work of

.....
.....

(i) To be Submitted/uploaded by..... hours on
To...../upload at <https://eprocure.gov.in>

(ii) To be opened in presence of bidder who may be present at hours on
..... in the office of

TENDER

I/we have read and examined the notice inviting tender, Schedule, A, B, C, D, E and F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate and other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/we hereby tender for the execution of the work specified for the Institute within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawing and instructions in writing referred to General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

I/we agree to keep the tender open for days from the due date of its opening in case of single bid system from the date of opening of technical bid in case tender are invited on 2 /3 bid/ system for specialised work and not to make any modification in its terms and conditions.

I/we have deposited EMD for the prescribed amount in the office of concerned Superintending Engineer as per the bid document.

A copy of EMD receipt of prescribed amount deposited in the form of Multiple Demand Draft/ Fixed Deposit Receipts (as prescribed) issued by a Commercial Bank, is scanned and uploaded (strike out as the case may be). If I/we, fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the Superintending Engineer or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail to commence work as specified, I/ we agree that Superintending Engineer or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender document.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Further, I/we agree that in case of forfeiture of EMD or Performance Guarantee as aforesaid, I/we shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been executed through another agency on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in IIT Bhubaneswar in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom to any person other than a person to whom I/we am/are authorised to communicate the same or use the information in any manner prejudicial to the safety and integrity of IIT Bhubaneswar.

The letters referred to below shall form part of this contract agreement:

- (a)
- (b)
- (c)

Dated

Signature of bidder

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

The above bidder (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Director, IIT Bhubaneswar for a sum of Rs.
(Rupees)

For & on behalf of the Director,
IIT Bhubaneswar

Dated:

Signatures
Designation.....



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

PROFORMA OF SCHEDULES

The amendments of schedules as per CPWD General Condition of Contract (GCC) 2023 for **construction work** is described below:

SCHEDULE 'A'

Schedule of Quantities: **Annexure-L**

SCHEDULE 'E'

Reference to General Conditions of Contract

Name of Work:	As described in Sl. No.1.2.2	
Estimated cost of the work:	Civil Work	As described in Sl. No.1.2.4
Earnest money	As described in Sl. No.1.2.7	
Performance Guarantee and LOI	5% of the quoted value of the composite work will be deposited as Performance Security. If the bidder quotes 10% below the estimated cost the bidder has to deposit additional performance security & the differential amount between the quoted amount and 90% of the estimated cost. The performance security shall be refunded after satisfactory completion of the work and recording of the completion certificate. The agency has to visit the site and attend the office for a meeting to start the work within ten days of issue of Letter of Intent.	
Security Deposit	Security deposit @ 5% of the gross amount of the bill shall be deducted from all running account and final bills and will be kept as security deposit by IIT Bhubaneswar. S.D can be released after completion of the defect liability period from the date of completion of work.	

SCHEDULE 'F'

General rules and direction:

Officer inviting tender

:

**Superintending Engineer,
Engineering Section
IIT Bhubaneswar**



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Definitions:

2(vi)	Engineer-in-Charge	:	Superintending Engineer, Engineering Section IIT Bhubaneswar
2(viii)	Accepting Authority	:	Superintending Engineer, Engineering Section IIT Bhubaneswar
2(x)	Percentage on cost of materials and labour: to cover all overheads and profits Standard Schedule of Rates applicable	: :	15% Market rate
2(xi)	Department	:	IIT Bhubaneswar.

Clause 1

- (i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance: **7 days**.
- (ii) Maximum allowable extension for submission of Performance Guarantee with proper justification acceptance to the Competent Authority including the time allowed in (i) above: **15 days**.

Clause 2

Authority for fixing compensation: **Superintending Engineer,
Engineering Section
IIT Bhubaneswar**

Clause 5

Authority to decide:

- (i) Extension of time: Superintending Engineer
- (ii) Rescheduling of milestone: Superintending Engineer
- (iii) Shifting of date of start in case of delay in handing over of site: Superintending Engineer

Clause 6 Computerised Measure Book (CMB) / Manual Measurement Book (MB)

Mode of measurement: CMB

Clause 7A

Whether clause 7A shall be applicable: Yes



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

Clause 8A

Authority to decide compensation on account if contractor fails to submit completion plans :
Superintending Engineer Civil

Clause 10B (ii) Mobilization advance

Whether Clause 10B (ii) shall be applicable No

Clause 10 C

Component of labour expressed as percent of value of work 30%

Clause 10 CC

Not Applicable

Clause 11

Specifications to be followed for execution of work CPWD specification 2019 (Vol-I & II) & details described in the BOQ.

Clause 12

Deviation limit beyond which clauses 12.2 & 12.3 shall be applied.	Not Applicable & Accepted Rate will be constant for any quantum of variation
--	--

Clause 16	Competent Authority for Deciding reduced rates:	Superintending Engineer, Engineering Section IIT Bhubaneswar
Clause 17	Contractor liable for damages, defects during defect liability Period	1(one) year from the date of completion of work.
Clause 18	List of mandatory machinery, tools & plants to be deployed by the contractor at site.	As the requirement of the work

Clause 19C Authority to decide penalty for each default : Superintending Engineer

Clause 19D Authority to decide penalty for each default : Superintending Engineer

Clause 19G Authority to decide penalty for each default : Superintending Engineer

Clause 19K Authority to decide penalty for each default : Superintending Engineer

Clause 25

Constitution of Dispute Redressal Committee (DRC) : As decided by the competent authority of the Institute.

Arbitrator appointing Authority: As decided by the competent authority of the Institute.

Place of Arbitration: **Bhubaneswar**



SCOPE OF THE WORK & SPECIFICATIONS

- A. The studio is proposed to be constructed within the existing room currently being used as the Faculty Lounge at Lalitgiri Hall of Learning, IIT Bhubaneswar. The layout of the room is attached in the tender document for reference.
- B. The successful bidder shall carry out all necessary modifications including dismantling the existing false ceiling and providing acoustic treatment comprising acoustic ceiling, wall paneling, flooring, and any additional structural adjustments required for the construction of the Studio and the Control Room. The scope shall also include complete electrical works associated with the studio setup.
- C. Further, the bidder shall supply, install, test, and commission the Audio-Visual (AV) equipment as per the specifications detailed below.

AV Equipments and associated works

1. Ceramic Green Chalk Board

Supply, installation, Testing and commissioning – (SITC) Ceramic Green Chalk Board 12x4, BoardRite Melamine Writing Surface Ceramic Green Chalk Board 12x4

2. Motorized Green Screen

SITC of Motorized Green Screen, Motorized GREEN MATTE BACKDROP, 3 Roller Electric Motorized Photo Backdrop Support System W/Remote Professional studio electric remote-control motorized photo backdrop support roller system allow you easily and quickly switch backdrop. This set can drive 3 canvas backdrops Can fit 2" ~2 1/2" pipe as per professor seating back area. The supply canvas should be 9' x 36' in Green color.

3. Commercial Display

SITC of 42 inches Commercial Display for Professor reference, Screen Size 42 Inch or Higher, Panel Technology IPS, Native Resolution 1,920 x 1,080 (FHD), Brightness 400 nit (Typ.)

Contrast Ratio 1,100:1 or Higher, Response Time 10 MS, Color Depth 10 Bit (D), 1.07 Billion, Surface Treatment Haze (1%), Viewing Angle (H x V) 178 x 178, Min Input ports HDMI (3, HDCP 2.2), USB 2.0, Min Output Ports , Audio out External Control RS232C in/out, RJ45, IR Receiver, Power Supply AC 100-240V~, 50/60Hz, Built in Audio Power 10W x 2EA or higher, Quality Certifications BIS,CE/UL/FCC, CB/NRTL, Accessory Remote, Controller(include battery 2ea), Power Cord, QSG, HDMI Cable, Phone to RS232C Gender, Installation type Wall mount, Bidder should submit Tender specific Authorization letter from OEM (MAF)

4. Auto Tracking PTZ Camera

SITC of 4K AI Based Auto Tracking PTZ Camera, PTZ Camera Tracking AI based built in presenter tracking, Tracking Mode Auto & Manual, Tracking frame mode 03 modes (Full body, Waist & Close Up), Camera auto tracking control, parameters Pan, Tilt & Zoom, Image Sensor 1/2.5 4K ExmorR



CMOS, Number of Effective Pixels 8.5 MP, Horizontal Resolution 1700 TV Lines (4K), 1100 TV Lines (FHD), Signal System 2160/29.97p, 25p, 23.98p, 1080/59.94p, 50p, 29.97p, 25p, 23.98p, 1080/59.94i, 50i, 720/59.94p, 50p, Minimum Illumination (50IRE) 1.6 Lux (50IRE, F2.0 30fps), Gain Auto/Manual (0 to +43 dB), Shutter Speed 1/1 to 1/10000 sec, (50 Hz system), Exposure Control Auto, Manual, Priority AE (Shutter, Iris), Exposure compensation, Bright, White Balance Auto, Indoor, Outdoor, One-push auto, ATW, Manual, Optical Zoom 20x, Clear Image Zoom 4K : 1.5x, FHD: 2x, Focusing System Auto/Manual, Horizontal Viewing Angle 70 degree (Wide), Pan/Tilt Angle Pan: $\pm 170^\circ$ Tilt: $+90^\circ/-20^\circ$, Pan/Tilt Speed (Max.) Pan: $300^\circ/\text{sec}$ Tilt: $126^\circ/\text{sec}$, Preset Position 100 (VISCA)/ 256 (CGI), Video Output HDMI, 3G-SDI & IP (simultaneous), Audio Input 2ch (MIC/Line), Audio Embedded Yes (3G-SDI, HDMI, IP), Streaming 3 Channel (Simultaneously), NDI Licence Built in/Activated from day one, Protocols IPv4, IPv6, TCP, UDP, ARP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP/RTCP, RTSP, VISCA over IP, SRT, Integrated Tally Lamp Yes, POE++ Yes, Global VC Integration Certificated Zoom, CISCO, Web UI Language Support English & Hindi, Mounting Option Desktop & Ceiling, Bidder should submit Tender specific Authorization letter from OEM (MAF)

5. Professional Pen and Touch Display Tablet

SITC of 24" Desktop Pen / Touch display, Specifications for Professional Pen and Touch Display Tablet with ergonomic stand 1. General Description A professional-grade interactive pen and touch display designed for precise digital content creation, drawing, design, and editing applications. The display shall allow direct pen input on screen with high color accuracy and multi-touch support. 2. Display Specifications Display Type: IPS / LCD or equivalent with anti-glare etched glass surface. Display Size (Active Area): Approximately 23.6 inches (diagonal). Resolution: 3840×2160 (UHD 4K). Color Gamut: Minimum 99% Adobe RGB coverage. Brightness: Minimum 350 cd/m^2 . Viewing Angle: 178° (H) / 178° (V). Contrast Ratio: 1000:1 or higher. Surface Finish: Chemically etched glass to simulate paper-like drawing texture. Response Time: $\leq 14 \text{ ms}$. 3. Pen Input Specifications Pressure Sensitivity: Minimum 8192 levels. Pen Tilt Recognition: Supported up to 60° . Pen Resolution: ≥ 5080 LPI (lines per inch). Pen Technology: Battery-free electromagnetic resonance (EMR). Accuracy: $\pm 0.5 \text{ mm}$ (center). Included Pen: Must feature programmable side switches and ergonomic design. Pen Stand: Must include interchangeable nibs and holder. 4. Touch Input Specifications Multi-touch functionality (minimum 10-point touch). Support for intuitive gestures such as pan, zoom, and rotate. Independent on/off toggle for touch input. 5. Connectivity & Compatibility Input Interfaces: USB-C / HDMI / DisplayPort or equivalent. Compatible with both Windows and macOS systems. Should include required cables for video, power, and USB connectivity. VESA mount compatible for flexible positioning ($100 \times 100 \text{ mm}$). Optional adjustable stand support (foldable or angle-adjustable type). 6. Build & Ergonomics Bezel and casing designed for professional use with durable construction. Integrated ExpressKeys or equivalent customizable shortcut buttons preferred. On-screen radial menu or touch ring for workflow customization. 7. Power & Environmental Power Supply: External AC adapter (100–240 V, 50/60 Hz). Operating Temperature: $5^\circ\text{C} - 40^\circ\text{C}$. Energy consumption: $\leq 45 \text{ W}$ during operation. Bidder should submit Tender specific Authorization letter from OEM (MAF)



6. Desktop Computer with Table Mount Monitor

SITC of Desktop touch display tablet display, Desktop Computer with Table Mount Monitor System with Compatible Chipset as per Processor Make with Minimum 6 USB Port, Mid-Level, Intel Core i5 12400, Window 11 STF (Shape the Future), RAM 16 GB, NVMe-SSD Plus HDD@7200 RPM, SSD 512 GB, HDD 1000, Yes as per IS 13252 (Part 1), Screen Size 58.1 - 63 (22.87" - 24.8")

7. Tripod System for Camera

SITC of fixed Tripod System for Camera, Tube Section 3, Material Aluminum Alloy, Load Capacity 10 Kg, Folded Length 84cm, Maximum Height 170cm, Minimum Height 53cm, Bowl Diameter 75mm, Weight 5.1kg, Bidder should submit Tender specific Authorization letter from OEM (MAF)

8. Video Production Switcher

SITC of Video Production Switcher with ISO Type Full HD 3G-SDI or better 8-Channel Digital Video Production Switcher with integrated or separate hardware control panel. Should support ISO recording of all 8 inputs to separate video files on external SSD drive. Live Streaming Should support direct live streaming using Real Time Messaging Protocol (RTMP) over Ethernet or a shared internet connection over USB-C Recording Should support direct recording to external media via USB-C expansion port/s. Recording Format Should support program recorded as a H.264 mp4 file at the streaming quality setting with AAC audio. Media Format Should support media formatted Ex-FAT (Windows/Mac). APFS or HFS+ (Mac) SDI Video Inputs Min 8 or More SDI Video Outputs Min 10 or More SDI Rates 1.5G, 3G or better HDMI Video Outputs Min 1 or more Total Audio Inputs Min 2x XLR balanced analog audio, 1xBNC 32 Ch MADI digital audio, 2 x RCA stereo analog audio or better. Total Audio Outputs 4 x 1/4 inch Jack analog audio, 1 x BNC 64 Ch MADI digital audio, 1 x 5 pin XLR Talkback. SDI Audio Inputs Min 4 Channel Embedded audio on all SDI inputs or better. SDI Audio Outputs Min 2 Channel Embedded audio on all SDI inputs or better. Timecode Connections Min 1xBNC In, 1xBNC Out or better. Reference Input Min. 1 x or more BNC In, 1 x or more BNC Out, Tri-Sync or Black Burst or better Video Input Re-Sync On all 8 inputs Frame Rate and Format Converters On all 8 inputs SDI Aux Outputs Min 2 or more SDI Program Outputs Min 1 or more Webcam Output Min 1xUSB - C supporting 720p or 1080p at PGM frame rate Total Multi Views Min 1x 12G-SDI and 1x HDMI 2.0 or more Control Panel Connection Direct connection between panel and chassis or via network or integrated panel. Internal Timecode Generator Required Ethernet Min x RJ45 Supports 10/100/1000 BASE-T Computer Interface Min 2 x USB -C supports USB 2.0 for external drive recording, webcam out, software control and software updates. HD Video Input Standards 720p50, 720p59.94, 720p60 1080i50, 1080i59.94, 1080i60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50 1080p59.94, 1080p60 or better SDI Compliance SMPTE 292M, SMPTE 296M, SMPTE 424M, SMPTE 425M level A and B or better. Video Sampling 4:2:2 or better Color Precision 10-bit or better Number of Mix Effects Rows Min 1 or more Direct Cross Points Min 8 or more Shifted Cross Points Min 15 or more Crosspoint Label Min 4 rows 16 character LCD Preview Transition Min 1 or more Source Select Bus Min 1 or more Dedicated Macro Buttons Min 10 or more Transition Type Buttons Min 5 or more Transition Rate Should support setting via system LCD menu display Key Buttons Min 8 or more Fader Bar Min 1 or more Record Buttons Min 2 or more Stream Buttons Min 2 or more



DSK Transition Selectors Min 6 or more Fade to Black Buttons Min 1 or more Upstream Keyers Min 4 or more Downstream Keyers Min 2 or more Advanced Chroma Keyers Min 4 or more Super Source Min 1 or more DVEs Min 2 or more Linear/Luma Keyers Min 7 or more Transition Keyer (Stinger/DVE) Min 1 Stinger, 1 DVE or better Total Number of Layers Min 8 or more Pattern Generators Min 6 or more Control Panel Integrated or separate panel with full control of switching and settings Routable Windows Min 16 or more Windows Source Levels Required Media Players Min 2 or more Media Player Channels Fill and Key for each media player Media Pool Still image capacity Min 16 or more Media Pool Still image Format PNG, TGA, BMP, GIF, JPEG and TIFF or better Media Pool Clip capacity Min 2 x up to 1080p60 or better Media Player Clip Length in 1080 HD Min 200 frames or better Media Pool Video File Format TGA sequence or better Media Pool Audio File Format WAV, MP3 and AIFF or more Audio Mixer Min 48 Channel mixer, Selectable On/Off/Audio-Follow-Video, Level and Peak metering, Master gain control, 6 band parametric EQ. Dynamics including Expander, Gate, Compressor and Limiter or better Software Control Panel Should be included Supplied Accessories All necessary cables and accessories should be supplied for completeness of the system Bidder should submit Tender specific Authorization letter from OEM (MAF)

9. 4K Monitor cum recorder Display for live feed supervision

SITC of 19" 4K Monitor cum recorder Display for live feed supervision, Physical Specifications, Weight (Monitor Only) 6.2kg / 13.7lb, Dimensions 504mm x 310mm x 63mm / 19.8" x 12.2" x 2.5", Mount Points Top: 4 x 1/4" 20, 2 x 3/8", Bottom: 6 x 1/4" 20, 3, x 3/8" Right: 4 x 1/4" 20, 2 x 3/8", Left: 2 x 1/4" 20, 1 x 3/8", VESA Mounts 100 x 100, Environmental, Ambient Temperature (C/F) Up to 40 Degrees Celsius, Construction & Control, Touch Screen Yes, Body Aluminum alloy chassis with ABS, Polycarbonate back plate, Multi-function Button Power / lock Screen, Cooling Actively controlled fan and Heat Sink, Tally Light Rear and front, Power, Input voltage Range DC 12-16.8V, Operating Power 75W, Compatible Batteries V-Lock / Anton Bauer via XLR terminal, (optional mounting plates available), 95Wh+ recommended, Battery Voltage 14.4V nominal, Battery Run Time Record Depends on Watt Hrs specified on battery used, Battery Run Time Monitor Only Depends on Watt Hrs specified on battery used, Continuous Power Dual Battery input via dedicated 4 pin XLR, DC in Connector 1 x 4 pin XLR (12-16.8V), Display, Touchscreen Super Atom IPS panel (capacitive touch), Size 19", Resolution 1920 x 1080, PPI 120, Bit depth 10Bit (8+2 FRC), Backlight Type Edge, Optically bonded quantum dot, Brightness (cdm2/Nits) 1200 (+/-10%), Aspect Ratio 16:9 Image Display, De-interlace Mode Yes, Color Gamut DCI P3, Calibration Support Atomos Calibrator with Calibrite Color Checker, Display Pro or Color Checker Display Plus, Color Pipeline, Gamma Sony SLog / SLog2 / SLog3, Canon CLog / CLog2 / CLog3, Arri Log CEI160 / LogCEI200, / LogCEI250 / LogCEI320 / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI800 / LogCEI1000 / LogCEI1280 / LogCEI1600, Panasonic V-log, JVC JLog1, Red LogFilm / Log3G10 / Log3G12, FujiFilm F log, PQ (HDR10), HLG, Nikon N-Log, Gamut BT2020, DCI P3, DCI P3+, DCI p3 65, Sony, SGamut / SGamut3 / SGamut3.cine, Canon Cinema, Panasonic V Gamut, Arri Alexa Wide Gamut, Rec709, JVC LS300, F-Gamut, Red Dragon Color / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWide Gamut, 3D LUT Display. Cube format, 3D LUT Output Loop out, 3DLut 50/50 Yes, Monitoring Modes Native / 709 / HLG / PQ / 3D LUT, HDR output Conversion HLG / PQ, Color Management, Calibration Atomos Calibrator with Calibrite Color Checker, Display Pro or Color Checker Display Plus, Display Controls Backlight, Lift, Gamma, Gain, AtomHDR Built in Technical Log to HDR EOTF, 3D Luts Display, monitor and output, Record, Load via SSD, Legalize Input, Video Input, HDMI In 1 x HDMI (2.0) 4Kp60, HDMI



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

RAW No - HDMI Video only, SDI in4 x 3G SDI, with 2 x 12G SDI backwards, compatible, auto detection, SDI RAW Apple ProRes RAW up to 6Kp30, HDR Yes with HDMI Auto detection, Bit Depth8/10Bit Video / RAW up to 12Bit, Video Chroma Sub-samplingYCbCr 422, File Naming, StandardS/S/T & Rolling, Via SDIRED, ARRI, Video Output, HDMI Out1 x HDMI (2.0) 4Kp60, SDI loop out1 x 12G SDI Backwards compatible Auto, detection level A and B selectable, SDI Play out1 x 12G SDI Backwards compatible Auto, detection level A and B selectable, Video Chroma Subsampling422, Bit Depth10Bit Video / 12Bit RAW, Audio In/Out, Audio Quality24-Bit / 48kHz, Audio Codec PCM, HDMI8ch 24Bit, input dependent, SDI12ch 24Bit, input dependent, Analogue Audio in2 x XLR, Analogue Audio Out2 x XLR, Speakers2 x 5w, Headphone out3.5mm 2ch., Web Streaming, USB UVC Optional via Atomos HDMI to USB Stick, Video Signal Conversion, HDMI to SDI Yes, SDI to HDMI Yes - Video and RAW, Timecode / Sync, SDI Embedded, HDMI Embedded, Time of Day Yes, Time and Date, LTCLTC via BNC input in Record mode, GenlockGenlock in Playback mode, Resolution & Frame Rates (Record, Monitor & Playback), 6K RAW up to 6Kp30 Via SDI, 4K RAW up to 4Kp60 via SDI, 2K RAW up to 2Kp240 via SDI, 4K DCI up to 4Kp60, 4K UHD up to 4Kp60, 2K DCI 2048 x 1080up to 2Kp60, FHD 1920 x 1080 Progressive up to 1080p120, FHD 1920 x 1080 Ps F Pull down, FHD 1920 x 1080 Interlaced1080i50 / 1080i60, 1280 x 72060p, Recording CODEC, CDNG For SDI RAW inputs only, Apple ProRes RAW up to 12bit 6Kp30 / 4Kp60, Apple ProRes HQ / 422 / LTup to 4Kp60, Avid DNxHDup to 1080p60, Avid DNxHRup to 4Kp60, Pre Roll Yes (HD 8s, 4K 2s) - Not available in RAW, ISO Record4 x ISO up to 1080p60 (3G SDI Level A ONLY), Switched Program Record Yes up to 1080p60, Time lapse Yes, Playback, , Playlist Yes, Create custom play lists from full or sub, clips, Loop Play back Yes, with user customizable in / out markers, Apple ProRes Raw Yes, recorded clips with linear PCM, ProRes HQ / 422 / LT Yes with linear PCM, Avid DNx HD Yes with linear PCM, Avid DNx HRYes with linear PCM, CDNGNo, Monitoring, SDR Native, 709, LUT, HDRHLG, PQ Rec2020, De-Interlace Selectable mode, Multi Input / Switching, SDI A/B toggle Yes, supports up to 12G SDI per input, Input Switching Yes, Dual Input display Via Multi ISO input mode, Multiple SDI input Up to 4 x 1080p60 (3G SDI Level A ONLY), Multiview Display Via Multi ISO input mode, Input Transitions Auto or manual XML transition, Supported Media, Interface SATA 3 – Master Caddy, Master Caddy INo, Master Caddy II Yes, Master Caddy III Yes, SSD mini Yes (AtomX SSDmini Handle required), CFast IINo, File System ex-FAT, On Screen Tools, Waveform3 sizes, Rgb Parade3 sizes, Vector Scope2 size / Position, 1 X Zoom Yes. 1:1 Pixel mapping for 4K, 2 X Zoom Yes, , Focus Peaking Color selected / threshold setting / color/, Mono / edges only, Zebra Yes, customizable, False Color Yes, with IRE scale, Isolate Color Channel Blue only, Cine Frame Guides2.4:1, 2.35:1, 1.9:1, 1.85:1, 4:3, Social Frame guides9:16, 1:1, 1.91:1, 4:5, Safe Areas SMPTE frame size –!Action and Safe, Grid Markers 9 grid, Anamorphic DE squeeze Display 1.25x, 1.33x, 1.5x, 1.8x and 2x, Display Flip Vertical, Onboard Signal Processing, 4K UHD Downscale for HD Loop out - 4K UHD to FHD, DCI Crop Loop out - 17:9 to 16:9 Crop, I > P60i > 24p (3:2 pulldown), PSF > P24/25/30pSF > 24/25/30p (2:2 pulldown), Remote Control, , HDMI Auto HDMI Trigger, Supported Protocols -, Canon, Sony, Atomos Open Standard, SDISDI trigger camera selectable, , Serial 2.5mm Jack LANC control and calibration via optional USB, to serial cable, Supported Applications, XML Final Cut Pro, Apple ProRes RAW Apple Final Cut Pro, Adobe Premiere, Avid Media Composer, Grass Valley Edius,, ASSIMILATE SCRATCH, , Apple ProRes All Applications with support for Apple ProRes, in .MOV wrapper, , Avid DNx All Applications with support for Avid DNx in, .MOV wrapper, Bidder should submit Tender specific Authorization letter from OEM (MAF)



10. Up/down/cross converter

SITC of Up/down/cross converter, Conversion, VGA/HDMI/SDI to HDMI/SDI Multiformat Up/Down/Cross Video Inputs: 1 x VGA, 1 x HDMI, 1 x 3G/H D/SDSDI Loop Through, 1 Video Outputs, 2x 3G/HD/SD-SD 1 with embedded Audio 1 x HDMI Audio Inputs, 2 x RCA (Stereo Pair) 2x SDI Audio embedded Audio Outputs, SDI embedded audio up to 8CH, 48KHz, PCM audio HDMI embedded audio up to 8CH, 48KHz, PCM audio Supported Video Input Formats, 800x600 (60Hz), 1024x768 (60Hz), 1280x1024 (60Hz), 1366x768 (60Hz), 1400x1050 (60Hz), 1600x1200 (60Hz), 1280x720 (60Hz), 1920x1080 (60Hz), 480i, 480p, 525i, 576i, 576p, 625i, 720p (50/59.94/60Hz), 1080i (50/59.94/60Hz), 1080psf (23.98/24/25/29.97/30Hz), 1080p (23.98/24/25/29.97/30/50/59.94/60Hz) Output Resolutions, Sel.: 525i, 625i, 720p (50/59.94/60Hz) 1080i (50/59.94/60Hz) 1080p (23.98/24/25/29.97/30/50/59.94/60Hz), Equalizer, Yes, Re-clock, Yes, SDI Cable Drive, Yes, Key Features:, 3G/HD/SD Up/Down/Cross convert, Yes, Audio/HDMI/SDI/VGA input, Yes, Rugged case design, Yes, Bidder should submit Tender specific Authorization letter from OEM (MAF)

11. 27 inch IPS LED Monitor

SITC of 27 inch IPS LED Monitor, Screen Size 27 Inch, Panel Technology IPS, Native Resolution 1920 x 1080, Brightness 300 nit or Higher, Contrast Ratio 1000:1 or Higher, Response Time 5 MS, Refresh Hz 60, Min Input ports HDMI, Display Port, Min Output Ports Audio out, Power Supply 100~240V (50/60Hz), Quality Certifications BIS, CE/UL/FCC, CB/NRTL, Service OEM Local Direct Service center must req. in state from last 5 Years, and OEM Office also (Doc. req.), OEM Eligibility OEM presence in India from last 05 to 10 Years (Doc reqd.), Bidder should submit Tender specific Authorization letter from OEM (MAF)

12. Premium 12 Input Analog Mixer

SITC of Premium 12 Input Analog Mixer, Minimum 4 Mic Preamps, Built-in high quality FX processor, Minimum 4 Mic/Line Inputs and 2 stereo inputs USB/Audio Interface shall be there, It shall have 2 aux sends per channel with pre and post fader switchable option Along with main mix outputs there shall be 2 subgroups with separate outputs It should have 2 multi-functional stereo aux returns, Separate Control room/phones outputs LCD display on console, Minimum 4 studio-grade compressors Built-in 3-band EQs, Clip LEDs, mute/alt 3-4, solo and PFL functions on all channels Complete with recording and editing software, Bidder should submit Tender specific Authorization letter from OEM (MAF)

13. Wireless Lapel Microphone System

SITC of Wireless Lapel Microphone System, Digital UHF Wireless belt pack transmitter with mute switch with sensitivity 1.6 mV/Pa, frequency response 50 to 18,000 Hz half rack mount AC powered receiver, compatible cardioid lavalier microphone, Sensitivity (free field, no load) (1 kHz) 40 mV/Pa, Frequency response 50 to 18,000 Hz, smartphone app based setup 10mW transmission power for upto 100 mtr range, AA & Li-ion battery pack compatibility for 8 hours operation 56 MHz Bandwidth to



allow for up to 90 channels, 134 dB transmitter dynamic range, AF response 20 Hz - 20 kHz, 1.9 ms latency.

14. Wireless Head mic Microphone System

SITC of Wireless Head mic Microphone System, Digital UHF Wireless belt pack transmitter with mute switch, compatible cardioid headset with sensitivity 1.6 mV/Pa, frequency response 50 to 18,000 Hz half rack mount AC powered receiver, Sensitivity (free field, no load) (1 kHz) 40 mV/Pa, Frequency response 50 to 18,000 Hz, smartphone app based setup 10mW transmission power for upto 100 mtr range, AA & Li-ion battery pack compatibility for 8hours operation 56 MHz Bandwidth to allow for up to 90 channels, 134 dB transmitter dynamic range, AF response 20 Hz - 20 kHz, 1.9 ms latency. Bidder should submit Tender specific Authorization letter from OEM (MAF)

15. Handheld Microphone System

SITC of Handheld Microphone System Dynamic cardioid handheld microphone with rugged metal body and silent ON/OFF switch 40-16000 HZ frequency response Sensitivity 2.7 mV/Pa 350 Ω Nominal impedance XLR-3 Male connector Bidder should submit Tender specific Authorization letter from OEM (MAF)

16. Reference Audio Monitor

SITC of Reference Audio Monitor, Compact Desktop Reference Monitors with Bluetooth, Coaxial 4.5-inch LF driver and .75-inch soft-dome HF driver, SYSTEM INPUT TYPE: 1/8" Aux, RCA, 1/4" TRS balanced, SYSTEM OUTPUT TYPE: 1/8" stereo headphone with auto speaker mute, CROSSOVER: 1725 Hz, 1st order, POWER AMP: 60 W (30 W each speaker), Class D, SENSITIVITY: 88 dB SPL @ 1 m, MAXIMUM SPL: 92 dB, Peak SPL 104 dB, IMPEDANCE: 8 Ω , FREQUENCY RANGE (-3 dB SPL): 88 Hz – 20 kHz, FREQUENCY RANGE (-10 dB SPL): 60 Hz – 20 kHz, SIGNAL TO NOISE RATIO: 75 dBA (A-Weighted), 70 dBr (unweighted), ELECTRICAL DISTORTION CRITERIA: <0.2%THD @ 1 kHz, 2.83 VRMS output; <1% THD @ 1 kHz, COVERAGE (HORIZONTAL x VERTICAL): 120° x 60°. Bidder should submit Tender specific Authorization letter from OEM (MAF)

17. Headphones

SITC of Headphones, Dynamic Closed circumaural headphone with folding and rotating earcups single-sided coiled cable Jack plug 3.5 mm jack plug with 6.3 mm adapter Nominal impedance 64 Ω Frequency response 8 Hz to 25 kHz Sound pressure level (SPL) 113 dB THD, 0.1 %, Bidder should submit Tender specific Authorization letter from OEM (MAF)

18. Editing System

SITC of Editing System Processor, Apple M4 chip with 10-core CPU and 10-core GPU, Video Playback Hardware-accelerated H.264, HEVC, ProRes and ProRes RAW Video decode engine Video encode engine ProRes encode and decode engine AV1 decode, Audio Playback Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby Digital Plus and Dolby Atmos, Memory 24GB, Storage 512GB, Display 60.96 cm (24") 4.5K Retina display, Glass Type Standard Glass, Camera 12MP Center Stage camera with support for Desk View 1080p HD video recording Advanced image signal processor with computational video, Display Support Simultaneously supports full native resolution on the built-in display at 1 billion colors and: Up to two external displays with up to 6K resolution at 60Hz or one external display with up to 8K resolution at 60Hz Thunderbolt 4 digital video output Native DisplayPort output over USB-C, Connections and Expansion Four



Thunderbolt 4 ports with support for: Thunderbolt 4 (up to 40 Gbps) USB 4 (up to 40 Gbps) USB 3.1 Gen 2 (up to 10 Gbps) DisplayPort 3.5 mm headphone jack with advanced support for high-impedance headphones Gigabit Ethernet, Input Magic Keyboard with Touch ID Magic Mouse, Wireless Wi-Fi Wi-Fi 6E (802.11ax) 4 Bluetooth Bluetooth 5.3, Electrical and Operating Requirements Line voltage: 100–240V AC Frequency: 50Hz to 60Hz, single phase Operating temperature: 10° to 35° C (50° to 95° F) Relative humidity: 5% to 90% non-condensing Operating altitude: tested up to 5,000 m (16,400 ft), In The Box iMac Magic Keyboard with Touch ID Magic Mouse 143W power adapter Power cord (2 m) USB-C Charge Cable

19. Editing Software 1 Yrs subscription

SITC of Editing Software 1 Yrs subscription – ACDEMIC – Educational Adobe Photoshop CC Edit and composite images, use 3D tools, edit video, and perform advanced image analysis. Adobe Photoshop Light room 5 Organize, edit, and batch process all your digital photos in one intuitive library. Adobe Illustrator CC Create vector-based graphics for print, web, video, and mobile. Adobe InDesign CC Design professional layouts for print and digital publishing. Adobe Muse CC Create and publish dynamic websites without writing code. Adobe Premiere Pro CC Edit video with high-performance, industry-leading editing tools. Adobe After Effects CC Create industry-standard motion graphics and visual effects. Adobe Dreamweaver CC Design, develop, and maintain standards-based websites and applications. Adobe Flash Professional CC Create rich interactive content across varied platforms and devices. Adobe Acrobat XI Pro Create, protect, sign, collaborate on, and print PDF documents. Adobe Audition CC Create, edit, and enhance audio for broadcast, video, and film. Adobe Speed Grade CC Manipulate light and color in video footage. Adobe Prelude CC Streamline the import and logging of video from any video format. Adobe In Copy CC Enables writers and designers to work simultaneously on the same document. Adobe Bridge CC Browse, organize, and search your photos and design files in one central place. Adobe Flash Builder Premium Build exceptional applications for Android, BlackBerry, and iOS using a single codebase. Adobe Fireworks CS6 Rapidly prototype websites and applications, and optimize web graphics. Adobe Edge Animate CC Create interactive and animated web content with HTML5. Adobe Edge Inspect CC Preview and inspect web designs and content on mobile devices. Adobe Edge Tools & Services Optimize the look and performance of websites.

20. 16 TB Storage

SITC of 16 TB Storage: Parameters: Technical Specifications Form Factor: 4-Bay Hardware RAID Enclosure Number of Hard Drives & Total Capacity: Four(4) numbers of Enterprise SATA HDD(7200RPM) with total RAW capacity of 16TB RAID Level: 0, 1, 5, 6, 10, 50, 60 Supported Interface: Should support 2 x USB-C port either Thunderbolt 3(40Gbps) or: USB 3.2 Gen2(10Gbps) OS Support: Should Support macOS 10.14 & higher and Windows 10 x64 Data Protection: Should support data migration to healthy drive if find un-healthy disk member in array before disk drive fails. Management: Should support Utility for Managing all function of systems(RAID, Background Activities, Hardware monitoring) Display Port: Should support 8K monitor via the Full size 4-lane DP 1.4 port Security Slot: Should Support Kensington Security slot Power Charging: Should support Up to 85W power charging from one Thunderbolt 3 port Hot swappable HDD: Should support Hot swappable HDD Hot spare drive: Should support option of Hot Spare HDD Daisy Chaining: Should support Daisy Chain upto six(6) devices in Thunderbolt mode Bidder should submit Tender specific Authorization letter from OEM (MAF)



21. Spot Light

SITC of Eng Kit-consisting of 60W spot light 02 nos., 60W Flood light 1 Nos 60WLEDENGKITCCTTunable3200Kto5600K consisting of 3 nos(2spotand1flood) each of LED Light fixture, barn door, stand, AC adaptor& carry case as per the minimum specifications as mentioned below to ensure required quality & reliability of the products. CRI: Color Rendering Index ≥ 95 TLCI : Television Lighting Consistency Index ≥ 95 Type of Power Supply Unit: Flicker-free, universal auto- ranging electronic = SMPS. Input Voltage/Frequency:100~240VAC50/60Hz.Control Protocol: DMX512, RDM & Manual DMX data IN / OUT: 5 pin locking XLR. Information Display: Seven Segment Display for setting, addressing & testing the lighting fixture. Control circuit must be made by OEM and OEM name legend printed on the circuit so that component level repair must be possible for low maintenance cost and easy trouble shooting. Lighting Fixture can able to show minimum following Information in the Lighting Console like Product Information Manufacturers Name Manufacturers UIDLED Lamp Running Hours etc. DMX Channels: 2 Channel. Control: DMX512/RDM/Manual (Local Control).Dimming:100%~0%Smooth step less dimming. Illumination at 2m Distance : $>1,510$ Lux. In-spot Housing: Aluminum extruded and MS sheet housing with heat resistance black finish.1. ISO - 9001, 14001 2.CE certificate for lights 3.BIS certificate for lights from NABL certified lab 4.OEM should have minimum 10 years of experience in this type of special lighting work. Bidder should submit Tender specific Authorization letter from OEM (MAF)

22. LED Soft PANEL light

SITC of 90W LED Soft PANEL light 90W LED soft panel light with RDM protocol as per the minimum specifications as mentioned below to ensure required quality & reliability of the products. No. of LED Lamp : Min 225 x 0.5 Watt LED'S Correlated color temperature (CCT) : 5600K \pm 200K Color Rendering Index (CRI): > 95 Light Beam Angle : 100° without Lens Power Consumption : 90W \pm 10% Power Factor ≥ 0.95 @ 230V Control Protocol : DMX512,RDM & Manual DMX data IN / OUT: 5 pin locking XLR. Information Display: Seven Segment Display for setting, addressing & testing the lighting fixture. The control circuit must be made by OEM and OEM name legend printed on the circuit so that component level repair must be possible for low maintenance cost and easy trouble shooting. Lighting Fixture can able to show minimum following Information in the Lighting Console like Product Information Manufacturers Name Manufacturers UID LED Lamp Running Hours etc. Light Output at 2 Mtr > 700 Lux @ 100° Spud : 28 mm Spigot with M12 thread 2 Slot for inserting Barn door / Gel filter Frame / Honeycomb Removable 4 leaf Barn door (Mandatory) Gel filter Frame(Mandatory) Power Cable : 3 Mtr 3 Core FRLS cable DMX Cable : 3 Mtr 5 Core DMX Cable with 5 Pin XLR Male/Female Connector.1. ISO - 9001, 14001 2.CE certificate for lights 3.BIS certificate for lights from NABL certified lab 4.OEM should have minimum 10 years of experience in this type of special lighting work. Bidder should submit Tender specific Authorization letter from OEM (MAF)

23. Stand for 90W Panel Light

SITC of Stand for 90W Panel Light with 3 section stand

24. 6 kVA UPS System

SITC of 6 kVA UPS System Capacity: 6KVA/6000W. OUTPUT PF 1 Technology Online UPS with double conversion technology. NOMINAL INPUT VOLTAGE230VAC, SINGLE PHASE Input Voltage Range: 170-270 V AC Input Frequency: 50 Hz \pm 10% Inbuilt Surge Protection UPS should have inbuilt 1 Phase, Type 2 surge arrester (50kA) and Lightning Protection. Output Voltage:230 V



+/- 1% Output Frequency: 50 Hz +/- 0.5% Hz (under battery mode) Noise < 60db at 1 m Additional Features Pure Sinewave AC Output Protection: Low battery, Over charge Indicator: LED indicators for AC mains, load on mains / Battery Temperature : 0 to 40 deg Celsius Humidity : up to 95% Degree of Protection IP21, IP20 Or higher Back-up Time: The system must be capable of providing requisite battery back-up time of 30 minutes using Sealed Maintenance Free Batteries. BATTERY VAH should be equal or more than 4800 VAH CERTIFICATION & OTHERS / ADDITIONAL TERMS & CONDITIONS: FCC STANDARDS FCC 47 CFR Part 15 B ANSI C63.4:2014 Copy of CE certificate showing all the above standards must be submitted along with the technical Bid (compulsory) CE Certificate IEC 62040-1 & IEC 62040-2, IEC 62040-3 Standards. Process and Quality Certificate ISO 9001 AND ISO 14001. Safety Certificate ISO 45001 AND RoHS. Energy efficiency Management Certificate ISO 50001 Copy of this certificate must be submitted along with the technical Bid (compulsory) E waste Certificate Registered under rule 4 and 6 of E-Waste (Management) Rules 2022] OEM Factory OEM must have its own factory in India. Must present factory license with the technical bid MII Content UPS must have at least 51% Make in India Content OEM EXISTENCE More than 10 years operated in India OEM TURNOVER OEM MUST HAVE TURNOVER OF RS. 100 CRORES OR MORE IN EACH OF LAST 2 FINANCIAL YEARS. NECESSARY DOCUMENTS MUST BE SUBMITTED ALONG WITH THE BID OEM MANPOWER OEM MUST HAVE AT LEAST 300 MANPOWER ON ITS ROLL. NECESSARY DOCUMENTS FROM PF DEPT. MUST BE SUBMITTED. Bidder should submit Tender specific Authorization letter from OEM (MAF)

25. 12U Rack

SITC of 12U Rack, Supply of 12U Full Loaded 600x600 RACK

26. Cables & Connectors

SITC of Cables & Connectors, Supply of Video Cable, Audio Cable, Audio-Video Connectors, Ethernet Cable and Connector, Casing, PVC Conduit Pipes etc. Required

27. Wireless Lavalier Microphone System

Specifications for Wireless Lavalier Microphone System- One set

1. General Description A compact, clip-on, dual wireless microphone system suitable for DSLR/mirrorless cameras, smartphones, and laptops. It should provide high-quality audio capture for video production, interviews, and presentations.

2. System Components Transmitter (TX): Minimum of 2 clip-on microphones with built-in omnidirectional capsules. Receiver (RX): 1 compact dual-channel receiver compatible with multiple devices (camera, smartphone, and laptop). Charging Case / Dock: Portable charging case to recharge all transmitters and receivers simultaneously.

28. SITC, System Integration Training and Commissioning as required.

CIVIL works including acoustics and Supply of furnitures

1. Supply, installation, testing and commissioning of acoustic wall panel system consisting of the following:

- a) 10 mm thick wooden base fixed on strand board along marked lines with metal fasteners at 300 mm c/c.



- b) Rigid vinyl Stretch Tracks (FS15) – half wrap/full wrap 15 mm and Midseam 15 mm – installed over wooden base with adhesive on both surfaces for a true and secure grip, and heavy-duty fasteners at 150 mm c/c on one/both sides of Stretch Tracks.
- c) Acoustic Core: Strand square-edge magnesite bonded pinewood fiber panels of size 600 x 1200 x 20 mm, density 400 kg/m³, weight approx. 4 kg/panel, fixed to wall using suitable fasteners.
- d) Synth PF Infill (10 x 25 mm thick) adhered on strand panel with approved adhesive.
- e) Acoustic Fabric (width 1700 mm) aligned to Stretch Tracks following the thread line/pattern, stretched and tucked into the locking jaws of the Stretch Tracks using tucking tools for a smooth, wrinkle-free finish.

Minimum 50 mm additional fabric to be provided for tucking; hence, maximum module width = 1600 mm. Fabric shall be 99% acoustically transparent.

Performance Requirements:

- Minimum NRC – 0.75 (overall system)
- Fabric should be fire retardant – Class 1 rating
- Acoustic core to have NRC 0.85
- Suitable for climatic conditions of 49°C temperature / 90% RH

2. Supply, Installation, Testing and Commissioning of Glassfibre Core Fully Encapsulated Ceiling Tile System

Supply and installation of Glassfibre core fully encapsulated ceiling tiles of size 595 x 595 x 15 mm, having volume density 120 kg/m³ and weight 1.8 kg/m², suspended using 0.3 mm thick Skelet Trelis T15 metal grid system with 600 x 600 mm module, complete with all accessories, suspension, and fixing arrangements as per manufacturer's specification and directions of the Engineer-in-Charge.

The Skelet Trelis T15 metal grid system shall include the following components:

Perimeter Angle: Anutone Skelet WA15W30 wall angle with unequal flanges of 15/19 mm, length 3000 mm, fixed along the perimeter walls using nylon sleeves and suitable fasteners at 300 mm centers.

Main Tee: Skelet MT15W36 MainT with flange width 15 mm, height 32 mm, and length 3600 mm, suspended from the soffit slab using soffit cleats and wire rods with leveling spring clips at 1200 mm centers.

Cross Tee (1200 mm): Skelet CT15W12 CrossT with flange width 15 mm, height 26 mm, and length 1200 mm, interlocked into pre-cut slots in the MainT at 600 mm centers perpendicular to the Main Tee.

Cross Tee (600 mm): Skelet CT15W06 CrossT with flange width 15 mm, height 26 mm, and length



600 mm, interlocked into pre-cut slots in the CT15W12 CrossT parallel to the Main Tee, forming 600 x 600 mm grid modules.

The ceiling tiles shall be placed into the 600 x 600 mm grid ensuring arrow marks behind the tiles are oriented in the same direction to achieve uniform shade and appearance.

Technical Parameters:

Fire Rating: Class 1 & P

Acoustic Performance (NRC): 0.9 (for E900 mounting)

Thermal Conductivity: 0.066 W/m·K

Climatic Resistance: 40°C / 95% RH

Light Reflectance: 85%

Green (VOC, RC%): Low, 35

3. Window Blocking with Wooden frame and MDF Board (5'6"x5'6"=30 sq.ft 2ps)

4. Providing and Fixing of Noise Reduction (Acoustic) Door

Providing and fixing Noise Reduction Door consisting of a door frame made from good quality seasoned hardwood, of size 1200 mm x 2400 mm, complete with necessary rebates and grooving to accommodate the shutter and acoustic seals. The frame shall be fitted with a 'D'-type rubber gasket to prevent noise leakage through the periphery.

The door shutter shall be of minimum 68 mm thickness, constructed with an acoustic core suitable for sound insulation, and finished with 1 mm thick decorative laminate of approved make, shade, colour, and design on both sides. The shutter edges shall be provided with 6 mm thick teak wood beading, fixed using exterior-grade synthetic adhesive, headless GI nails, and screws. The beading shall be finished with approved melamine polish to achieve a uniform appearance.

The plywood and core materials used shall be resistant to vermin, mould growth, minor impact, abrasion, and short-term water exposure, and shall have a smooth surface suitable for decorative finishing.

The door shall be provided with acoustic seals in door rebates and a drop-down bottom seal to prevent sound leakage when the door is closed. All hardware (hinges, locks, handles, door closers, etc.) shall be of heavy-duty, corrosion-resistant type, suitable for acoustic applications, and approved by the Engineer-in-Charge.

The entire assembly shall be installed true to plumb, level, and alignment, ensuring an effective noise reduction performance as per approved acoustic test data.

Technical Parameters (Indicative):

Door size: 1200 mm (W) × 2400 mm (H)

Door thickness: Minimum 68 mm

Noise Reduction: Up to 35–40 dB (as per manufacturer's certified test data)



Finish: 1 mm laminate on both sides

Frame Material: Seasoned hardwood

Seals: 'D' type rubber gasket (perimeter) and automatic drop-down bottom seal

Edge Beading: 6 mm thick teak wood beading, polished

Adhesive: Exterior grade synthetic resin adhesive (IS: 848)

5. Chroma Set wall

Green/blue screen chroma setup using:

High-quality color fabric OR painted surface backdrop

Allows visual keying and virtual background replacement in post-production

Suitable for pro-grade VFX for films, TVCs, and broadcast studios

6. Supply, installation, testing, and commissioning of electrical systems in the studio, including modular power points, modular switches, LED lighting fixtures, concealed conduit and FRLS wiring, along with all accessories, junction boxes, fasteners, and terminations, complete in all respects.

7. Providing and fixing light iron hollow section framework at the studio ceiling level, including cutting, welding, alignment, levelling, and securing with necessary hardware, complete in all respects as per approved design and engineer-in-charge instructions.

8. Providing glass observation window:

Providing, fixing, and finishing 6 mm thick clear float glass observation window of size 5'-0" × 3'-6" for the Production Control Room, including silica gel at the base, rubber beading, and teak wood beading all around the frame, complete with all accessories, labour, and materials as directed by the Engineer-in-Charge.

9. Control Room Acoustical Partiton -

Providing and fixing partition structure using GI stud channel and floor channel with intermediate framing, including installation of 12 mm drywall board on both sides, infilled with 50 mm thick Fire-Resistant (FR) HD glasswool of 16 kg/m³ density, finished with acoustical fabric on the exposed surface, complete with all materials, accessories, and labour charges. The overall size of the partition shall be 19'-5" × 10'-0" × 3".

10. Semi Acoustical Doors Control Room :

Providing and fixing Semi-Acoustic Door with ISO Board sound-deadening finish, complete with all required hardware and sealing accessories, including hinges, handle lockset, rubber gasket seal, and drop-down bottom seal, as per specification mentioned at **Srl. 4**, with finished size 3" × 3'-0" × 7'-0" (21 sq.ft), complete with all materials and labour charges.

11. Control Room Table –

Providing, fabricating, and installing partition made of 50 × 25 mm wooden sections with necessary framing and supports, fixed with 19 mm thick 710-grade waterproof plywood on both sides, finished



with approved shade laminate on both faces, including edge beading, polishing, hardware, and all labour and materials required, complete in all respects for a size of 8'-0" × 2'-0" × 3".

12. Professor Table Partition:

Providing and fixing partition for Professor Table using 50 × 25 mm wood section framework, covered with 19 mm thick 710-grade plywood on both sides, finished with decorative laminate on both exposed surfaces, complete with all necessary materials, edge beading, and labour charges. The overall finished size shall be 4'-0" × 2'-0" × 3".

13. Acoustic Flooring:

Providing and laying Acoustic Flooring using 8 mm thick acoustic floor carpet of approved texture and colour, including sound-absorbing underlay/mat for noise reduction, complete with adhesive, cutting, fixing, finishing and all labour and materials, for an area of **507 sq.ft (19'-5" × 28'-9" × 10')**, as directed by the Engineer-in-Charge.

14. Chroma Set Platform:

Providing and fixing a Chroma Set Platform of size **19'-5" × 9'-0" × 6" (175 sq.ft)**, constructed with a framework suitable for a raised structure of **5" height**, using 710-grade **19 mm thick plywood**, including top finishing with acoustic carpet of approved shade and texture. The work shall include all necessary framing, supports, fixing materials, edge finishing, and labour charges, complete in all respects as directed by the Engineer-in-Charge.

15. Professional Studio Standard Chairs

Supply and installation of Professional Studio Standard Chairs for Professor and Control Room, featuring ergonomic design, wheel base with 360° swivel, adjustable height, PU/moulded cushion seat and backrest, nylon/metal star base with castor wheels, complete with manufacturer warranty.

16. Integration

Providing services for integration and synchronization of various studio elements including AV equipment, acoustical treatment components, lighting systems, electrical fixtures, furniture, and control room interfaces, ensuring complete functional setup and smooth working operations of the studio, including testing, commissioning, and operator training.

17. SITC of 2.0 TR with 5 Star BEE Rating

Supply , Installation, Testing and Commissioning of Air Cooled Hi Wall split type Air conditioners complete with Indoor unit(IDU), Out door unit (ODU), surface / concealed copper Refrigerant piping with insulation (closed cell elastomeric nitrile rubber tubular pipe section) upto 3 Mtr (IDU to ODU), copper power cable upto 3.5 Mtr (IDU to ODU) i/c drain pipe R-32/R-410/ R

407 Green Refrigerant, wireless Remote control, suitable for working between 180-260V with low & high voltage cutoff and 50 hz ,1 phase AC supply capable of performing cooling, dehumidification, air circulation of following capacity with Scroll / rotary compressor. The system shall be able to deliver 100% of the rated capacity upto 42 Degree Celsius. Min 5 year Original Equipment Manufacturer (OEM) warranty both compressor and Printed Circuit Board (PCB). Must comply : Electrical cable IS 694 or IS 9968 temperature sensing control IS /International Electro technical



Commission (IEC) 60730, hermetic compressor IS 10617, heat exchanger IS 11329, capacitor IS 2993 and motor IS 12615. Complete as per CPWD specification and IS : 1391 Part II 2023. The system shall be able to operate up to 50 0C (outdoor ambient temperature). Inverter type, cooling only.

PART C: ANNEXURE III (Manpower)

1. Engagement of Residential Manpower for One Year for Editing of Lectures and Management of Studio / AV Equipment(Video Editor-Technical)

It is proposed that the bidder shall engage residential manpower for a period of one year for handling the editing of academic lectures and managing the Studio and AV equipment of the Institute. With the increasing volume of recordings and the continuous requirement of technical support for ongoing academic and institutional events, dedicated manpower is essential to ensure smooth functioning of the studio and timely delivery of edited lecture content. Considering the technical nature of work and the requirement for availability beyond routine working hours, residential deployment is essential to ensure uninterrupted support.

The responsibilities of the proposed manpower shall include:

- Pre-production, Editing, recording and post-production related works of studio.
- Operation and routine maintenance of studio and AV equipment.
- Providing AV support during Institute events, conferences and online/offline events.
- Coordination with faculty and technical staff for scheduling and content delivery.

2. Engagement of Residential Manpower for One Year for Technical Support, Recording, and Management of Studio / AV Equipment(Audio engineer-Technical)

Based on the increased demand for continuous recording support, technical assistance, and management of Studio and AV equipment for academic and institutional activities, it is proposed that the bidder shall engage **residential technical manpower for a period of one year**. Since the nature of work requires availability beyond regular working hours and immediate response at odd hours, **residential deployment is essential** to ensure uninterrupted service.

. The responsibilities of the proposed manpower will include:

- Handling recording and live streaming of lectures and events.
- Providing technical support and routine operation of Studio and AV equipment.
- Post-production support including editing, formatting and uploading of lecture content.
- Maintenance and troubleshooting of AV systems.
- Coordination with faculty, staff and event organizers for scheduling and content delivery.



TERMS AND CONDITIONS OF WORK

1. The work will be executed in the campus of IIT Bhubaneswar at Argul. The agency may inspect and examine the sites and its surrounding if required before submitting his tender.
2. The Contractor should deploy adequate manpower at the worksite during execution of the work. The supervisor of the agency will oversee daily progress and relevant record keeping register as per BOQ with prior information to the Engineering section.
3. Time allowed for the execution of work is as mentioned at Clause-1.2.
4. Quality of the project is of utmost importance. This shall be adhered to in accordance with the provisions of CPWD specifications and guidelines given in the relevant paras.
5. The contractor has to deploy required Plant and Machinery on the project. In case the contractor fails to deploy the plant and machinery whenever required and as per the direction of the Engineer-in-charge, he (Engineer-in-charge) shall be at liberty to get the same deployed at the risk and cost of the Contractor.
6. The Contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the Superintending Engineer may at his discretion, without prejudice to any other right or remedy available in law, cancel the contract. The Contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.
7. For construction/maintenance work inside a building, the electricity and water supply sources will be provided by the Institute from the nearest building or available sources.
8. The initial qualification of bidder will be based on the fulfilment of qualifying criteria mentioned elsewhere in this document.
9. The Engineer-in-charge can reduce the scope of work.
10. Unless otherwise provided in the Schedule of Quantities/Specifications, the rates tendered by the bidder shall be all inclusive and shall apply to all heights, lifts, leads and depths of the work and nothing extra shall be payable to him on account of the same.
11. Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor has to provide the list of workers engaged for the construction work along with their valid government address proof for issue of gate pass for the scheduled period of the work. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on account of the same.
12. The work shall be carried out in the manner complying in all respects with the requirements of the relevant bylaws and regulations of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra shall be paid on this account.
13. The bills of the contractor will be processed against submission of monthly RA Bill / Final bill along with relevant documents.
14. **The GST No. of IIT Bhubaneswar i.e. 21AAAAI2760A1ZJ to be written in each invoice / bill submitted by the Contractor.** The GST amount will be released by the Institute after submission of proof of GST payment. In case of items for which abbreviated nomenclature is not available in the aforesaid publication and also in case of extra and substituted items for which abbreviated nomenclature is not provided for in the agreement, full nomenclature of item shall be reproduced in the measurement books and bill forms for running account bills.



15. For the final bill, however, full nomenclature of all the items shall be adopted in preparing abstract in the measurement books and in the bill forms.
16. The Contractor shall take instructions from the Engineer-in-charge for stacking of materials. No excavated earth or building materials etc. shall be stacked/collected in areas where other buildings, roads, services, compound walls etc. are to be constructed.
17. It shall be ensured by the Contractor that no electric live wire is left exposed or unattended to avoid any accidents in this regard.
18. The contractor shall maintain in perfect condition, all portions executed till completion of the entire work allotted to him. Where however phased delivery of work is contemplated these provisions shall apply separately to each phase.
19. The contractor shall submit the proof of payment of royalty on sand, chips etc. or valid transit pass, royalty as applicable.
20. No free issue material will be supplied to the agency.
21. Contractor's job will also include removing of all debris arising in the process of execution of the work, at no extra cost.
22. The Contractor will be solely responsible for the safety of his deployed manpower for the work.
23. The Contractor has to provide all the personal protective equipment (PPE) to the workers engaged by him. If it is observed that work is proceeding without adequate safety precautions, work may be stopped by IIT engineer and in such cases, Contractor will be solely responsible for delay and its consequences thereof.
24. **No escalation on account of any increase in price index, in the price of materials, increase in any applicable taxes or implication of levies etc. will be payable. No price escalation shall be applicable even during the extended period for completing the work.**
25. **Liquidated Damage:** In case of delay in completion of the contract, liquidated damage @ 0.5% (half percent) of the contract value per week and the total amount of compensation for delay subject to a maximum of 10% of contract value shall be levied.
26. a) The bidder shall inspect the site of work before tendering and acquaint himself with the site conditions and no claim on this account shall be entertained by the Institute.
b) The Bidder shall get himself acquainted with nature and extent of the work and satisfy himself about the availability of materials required for the work.
27. The Contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night speed limit boards, red flags, red lights and providing barriers for road works. He shall be responsible for all dangers and incidents caused to existing / new work due to negligence on his part. No hindrances shall be caused to traffic during the execution of the work.
28. Existing drains, pipes, cables, over-head wires, sewer lines, water lines and similar services encountered in the course of the execution of work shall be protected against the damage by the Contractor at his own expense. The Contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services.
29. No payment shall be made to the Contractor for any damage caused by rain, snowfall, floods, earthquake or any other natural causes whatsoever during execution of work. The damages of the work will be made good by the Contractor at his own cost and no claim on this account shall be entertained.
30. Except for the items, for which particular specifications are given or where it is specifically mentioned otherwise in the description of items in the schedule of quantities the work shall



generally be carried out in accordance with the “CPWD specifications 2019 Vol. 1 and Vol. 2 (with up to date corrections slips). (Hereinafter to be referred to as CPWD specifications) and instructions of Engineer-in-Charge. Wherever CPWD specifications are silent the latest IS codes/specification shall be followed.

31. The order of preference in case of any discrepancy may be read as the following:

- i) Nomenclature of items as per schedule of quantities.
- ii) Scope , Terms and conditions.
- iii) CPWD specifications.
- iv) Architectural Drawings
- v) Indian standard specifications of B.I.S.
- vi) Sound Engineering Practice

A reference made to any Indian Standard specification in these documents, shall imply to the latest version of that standard. Including such revision/amendments as issued by the Bureau of Indian Standard up to last date of receipt of tender. The contractor shall keep at his own cost all such publications of relevant Indian standard applicable to the work at site.

32. All the materials to be used for the work shall conform to the approved make list. In case the approved make list is not available for any material, then same may be approved from Engineer-in-charge well in advance of actual execution.
33. The rates for all items of work shall unless clearly specified otherwise include cost of all labour, material tools and plants and other inputs involved in the execution of the items.
34. The bidder shall quote rates against the items in the schedule of quantities and nothing extra shall be payable for any of the conditions and specifications mentioned in the tender document unless specifically specified otherwise.
35. The rate for all items in which the use of cement is involved is inclusive of charges for curing.
36. The work shall be executed and measured as per metric dimensions given in the schedule of quantities, drawings etc. (FPS units wherever indicated are for guidelines only).
37. It will be the sole responsibility of the firm to abide by the provisions of the following Acts as to the workers engaged for performance of this contract:
 - a. Employment of Children Act. 1986
 - b. Workmen’s Compensation Act. 1923
 - c. Employment of Contract labour Act. 1970
 - d. Industrial Employment Act.1946
 - e. Contract Labour Abolition and Regulation Act 1970
 - f. Minimum Wages Act.1948
 - g. Employee Provident Fund Act.1952
 - h. Any other act or legislation which may govern the nature of the contract.
38. The contractor shall be liable to pay compensation for any loss and damage caused to the property of IIT Bhubaneswar. The damages made must be rectified by your firm without any extra cost. In case, the rectification will not be done, equivalent amount as assessed by the Engineer-in-charge will be deducted from the bill of the Contractor. The cost for the same will be assessed by tender accepting authority and will be limited to the tender amount.
39. The Contractor will get his deployed manpower (contract labourers employed for the work)



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

covered under Group Insurance Scheme/ESI as applicable , following workmen's compensation Act at his own cost.

40. The full form of the abbreviations mentioned in BOQ is given below:
- (i) m or mtr.: Meter
 - (ii) Ltr.: Litre
 - (iii) Sqm: Square Meter
 - (iv) Kg: Kilogram
 - (v) Sft: Square feet
 - (vi) No. : Number
41. Tenders should be quoted only by the OEM/actual manufacturer and/or their authorized distributors or selling agent of a particular firm. Bidder should submit a current authority letter in support of the same from the actual manufacturer concerned in the format given at “Annexure-III”. The bidder is responsible for the supply of stores. If the Principal Manufacturer withdraws rights of distribution from the bidder during the validity period of contract, Director, IIT Bhubaneswar has right to cancel the eligibility of the bidder and accept the candidature of new coming authorized distributor. **Any authorization certificate issued in the past for participating in any specific tender shall not be considered as a valid authorization by OEM.**
42. **Bidders will be required to arrange a demonstration of the offered equipment which will be installed in the set-up of the Studio, if desired by the technical specification committee.** Failure to arrange for a demonstration on the given date may lead to cancellation of the bid. The cost of organizing such a demonstration shall be borne by the bidder.
43. The model of the equipment offered should not be obsolete/out of production for next 5 years after expiring of guarantee/warranty period.
44. **Patent Rights:** The supplier shall, at all times, indemnify and keep indemnified the purchaser, free of cost, against all claims which may arise in respect of goods & services to be provided by the supplier under the contract for infringement of any intellectual property rights or any other right protected by patent, registration of designs or trademarks. In the event of any such claim in respect of alleged breach of patent, registered designs, trademarks etc. being made against the purchaser, the purchaser shall notify the supplier of the same and the supplier shall, at his own expenses take care of the same for settlement without any liability to the purchaser.
45. **Bidders must have attached an affidavit of self-certification regarding local content** as prescribed by the Ministry of Electronics and Information Technology.
46. **Country of Origin**
- i. All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.
 - ii. The word “origin” incorporated in this clause means the place from where the goods are mined, cultivated, grown, manufactured, produced or processed or from where the services are arranged.
 - iii. The country of origin may be specified in the Price Schedule.
 - iv. **Bidders may ensure the compliance and guidelines mentioned in Office Memorandum No. 6/18/2019-PPD dated 23rd July 2020 issued by Department of Expenditure, Ministry of Finance and a declaration as per above O.M. must be furnished.**
47. **Terms of Delivery:** Goods shall be delivered by the supplier in accordance with the terms of delivery and as per the delivery period specified in the schedule of requirement and Supply &



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

Delivery Clause in General Terms and Conditions Section. Please note that **time shall be the essence of the contract.**

48. **Instructions for transportation of domestic goods including goods already imported by the supplier under its own arrangement:** The supplier will arrange transportation of the ordered goods as per its own procedure up to Consignee Site
49. **Spare Parts:** The separate price list of all spares and accessories and consumables, if any, (including minor) required for maintenance and repairs in future after guarantee/warranty period may be provided.
50. **Tender Currencies:** The bidder supplying indigenous goods or already imported goods shall quote **only in Indian Rupees (INR)** in the Financial Bid Format given at **“Annexure-L”**.
A bidder quoting imported goods located within India shall produce documentary evidence of the goods having been imported and already located within India, in case their bid is found to be the lowest one after opening of financial bid.
51. **Tender Prices**
- (a) The bidder shall indicate on the Financial Bid Price Schedule provided at **Annexure-L** for indigenous supplies in INR for all the specified components of prices shown therein including the unit prices and total tender prices of the goods and services it proposes to supply against the requirement. All the columns shown in the Financial Bid Price schedule in the given format should be filled in as required.
- (b) The price of the goods quoted ex-factory/ex-showroom/ex-warehouse/off-the-shelf, as applicable, including all taxes and duties like Customs Duty and/or GST already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc.
- (c) The price shall include Charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage), Loading & Unloading and other local costs etc incidental to delivery of the goods to their final destination will bear by Bidder, the price of Incidental Services, as mentioned in Schedule of Requirement and Price Schedule, the prices of Site Modification Work (if any), as mentioned in Schedule of Requirement, Technical Specifications and Price Schedule.
- (d) The rate quoted for a product or services should be including all taxes. **No additional charge/tax etc will be paid by IIT Bhubaneswar, if claimed by Supplier at later stage.** Rates quoted will remain valid and fixed for entire bid validity period and/or for extended period. Bidder will not be allowed the change/modify rates during bid validity period. Rate quoted should be unit wise and rate cannot be quoted beyond Maximum Retail Price (MRP).

52. Additional information and instruction on Duties and Taxes (Octroi Duty and Local Duties & Taxes:

Normally, goods to be supplied to Government Departments against Government contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. However, on some occasions, the local bodies (like town body, municipal body etc.) as per their regulations allow such exemptions only on production of certificate to this effect from the concerned Government



Department. Keeping this in view, the supplier shall ensure that the stores to be supplied by the supplier against the contract placed by the

53. Warranty for 36 Months (to be submitted from OEM on the following points)

I. The bidder shall submit a written warranty from the OEM confirming that the equipment offered is the latest model as per the specifications and that the availability of spare parts for the equipment will be ensured for at least **three (03) years beyond the warranty/guarantee period.**

II. The manufacturer shall keep the Institute informed regarding any updates or improvements to the equipment for a period of the next three years and shall provide such updates at **no additional cost.** The manufacturer/Bidder shall ensure regular supply of spare parts as requisitioned by the purchaser for smooth operation of the equipment throughout its life span, on mutually agreed prices, whenever required.

III. The OEM shall guarantee/warrant that before discontinuation of production of spare parts, adequate **advance notice** shall be given to the purchaser to enable procurement of the required spares to meet lifetime requirements.

IV. The OEM shall provide blueprints/drawings and technical details of spare parts to the purchaser if and when required.

V. The supplier shall provide a **Warranty for 36 months**, including **all spare parts and labour**, confirming that the supplied items are new, unused, free from design/material/manufacturing defects, workmanship errors, or any defects arising under normal operating conditions in India.

Additional provisions:

- No conditional warranty (such as exclusion of mishandling or manufacturing defects) shall be accepted.
- Replacement and repair of defective equipment shall be undertaken by the supplier at no cost.
- All spare parts shall be clearly marked for identification (including installation and repair reference dates).

VI. Upon receipt of any complaint/notice, the supplier shall respond within **48 hours on a 24×7 basis** and take appropriate action to repair or replace the defective equipment/parts at free of cost at the ultimate destination. The supplier shall takeover the replaced parts/equipment after providing their replacements and no claim whatsoever shall lie on the purchaser for such replaced parts or equipment thereafter. No replacement will attract appropriate penalty including forfeiture of the performance security on repetition of such misconduct.

VII. The Bidder hereby declares that the goods/equipment/stores/articles supplied to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

specifications and the particulars contained/mentioned in the clauses hereof and the Bidder hereby guarantees/Warrants that the said goods/equipment/stores/articles conform to the description and quality aforesaid. The purchaser will be entitled to reject the said goods/equipment/stores/articles or such portion thereof as may be discovered not to conform to the said description and quality as follows:

- a. Bidder should state categorically whether they have fully trained technical staff or installation/commissioning of the equipment and efficient after sales services.
- b. It is specifically required that the Bidder/Supplier will supply all the operating and service manuals along with blue-prints and drawings including circuit diagram of the equipment supplied as well as its components.

VIII. If the supplier, having been notified, fails to respond to take action to replace the defect(s) within 48 hours on 24×7 basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.

IX. During Warranty period, the supplier is required to visit at consignee's site at least once in 3 months commencing from the date of the installation for preventive maintenance of the Equipment/Stores.

X. The Supplier along with its Indian Agent shall ensure continued supply of the spare parts for the machines and Equipment supplied by them to the purchaser for 3 years from the date of installation and handing over.

54. Warranty

The bidder will give an onsite guarantee/warranty for trouble free functioning and maintenance of the facility for 3 years including spares and labour from the date of installation, commissioning and acceptance of the facility.

55. Bidders are required to quote strictly as per specification of the equipment.

56. Applicability of Anti-Profiteering Rule under GST Act 2017

No item should be quoted with price more than the **M.R.P.** by any Supplier Agency to IIT Bhubaneswar.

MRP shall be clearly mentioned on each of the supplied items/its packaging in their offered pack size.

The prices should be quoted strictly in accordance with unit/pack size and Strength/Potency mentioned in the Schedule of Requirement.

The Anti-Profiteering Rule under GST Act 2017 is applicable against this Tender Enquiry.

The Supplier Agency must mandatorily pass on the benefit due to reduction in rate of tax to the IIT



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

Bhubaneswar by way of commensurate reduction in prices.

If any Supplier Agency is found defaulter, necessary action as per GST Act 2017 shall be initiated.

57. The Director, IIT Bhubaneswar has full authority to consider the performance of manufacturer/authorized dealer/distributor/bidder. A latest **performance certificate** (not older than previous FY 2021-22) must be submitted by any Govt.Institution/PSU.

58. Terms of Delivery of Products, Penalty/Liquidation Damage

I. Delivery of stores shall be **F.O.R. to IIT Bhubaneswar**.

IIT Bhubaneswar is not liable for Freight/Taxes/Expenditures — these are the supplier's responsibility.

II. Successful bidder must complete the works within **60 days** from acceptance of the works.

59. If delayed beyond the period given in the Purchase/Supply Order, a penalty of **0.5% per week** up to maximum **10%** shall be imposed.

60. INSPECTION OF SUPPLIES & ACCEPTANCE

Inspection will be done by a Committee constituted by the Director, IIT Bhubaneswar and/or its authorized representatives at IIT Bhubaneswar Hospital premises.

61. INCIDENTAL SERVICES

The supplier shall be required to perform the following services at the Consignee Site:

- Installation & commissioning, supervision and demonstration of the Equipment/Goods
- Providing required jigs and tools for assembly, minor Civil/Electrical/Plumbing/any other needed engineering works etc. required for completion of the installation
- Training of Consignee's Staff, Operator etc. for operating and maintaining the Equipment/Goods
- Supplying required number of operation & maintenance manuals for the goods.

62. DISTRIBUTION OF DISPATCH DOCUMENTS FOR CLEARANCE/RECEIPT OF GOODS

The supplier shall send all relevant dispatch documents well in time to the Purchaser/Consignee to enable clearance or receipt of the goods as per contract terms.

Within **24 hours** of dispatch, the supplier shall notify the Purchaser/Consignee and others concerned (if mentioned in the Purchase Order), and must also supply the following documents by registered post/speed post/courier (as instructed in the contract):

- Three copies of supplier's invoices showing contract number, goods description, quantity, unit price and total amount
- Two copies of packing list identifying contents of each package
- Certificate of origin for goods of foreign origin
- Insurance Certificate
- Manufacturer's/Supplier's warranty certificate & In-house inspection certificate

63. Taxes, Duties, Incidental Services and Warranties



Supplier shall be entirely responsible for all taxes, duties, fees, levies, incidental services, warranties etc. incurred until delivery of the contracted goods to the purchaser.

64. Terms and Mode of Payment

64.1 Payment

The bills of the contractor will be processed against submission of monthly RA Bill / Final bill along with relevant documents. Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner: Payment shall be made in **Indian Rupees** as specified in the contract in the following manner:

64.2 The supplier shall not claim any interest on payments under the contract.

64.3 Where the statutory requirement of **Tax Deduction at Source (TDS)** applies, such deduction towards income tax or other taxes will be made as notified by the Government.

64.4 The supplier shall send its claim for payment in writing, after SITC of the studio, along with relevant documents, duly signed with date, to respective consignees.

64.5 While claiming payment, the supplier shall certify in the bill that the payment being claimed is strictly in terms of the contract and that all obligations for claiming such payment have been fulfilled as per the contract conditions.

64.6 While claiming reimbursement of duties/taxes etc. (such as Customs duty and/or GST or any other taxes) from the Purchaser/Consignee, and if permitted under the contract, the supplier shall also certify that in case it gets any refund of such duties/taxes from concerned authorities at a later date, the supplier shall refund the same to the Purchaser/Consignee forthwith.

65. OTHERS

- Technical Evaluation Committee / Procurement Committee and other committees constituted by the Competent Authority shall decide regarding approval of Items, Rates, and Quantities required to be procured for different categories of Equipment/Items as per requirement of IIT Bhubaneswar.
- Decision of the Director, IIT Bhubaneswar shall be **final and binding** on all parties.

The Bidder shall **not** be allowed to transfer, assign, pledge, or sub-contract its rights and liabilities under this contract to any other agency without **prior written consent** of the Director, IIT Bhubaneswar. If it is found that the firm has given a sub-contract to another Agency, the contract shall be cancelled and the **performance security deposit shall be forfeited** by IIT Bhubaneswar.

IIT Bhubaneswar shall **not** be responsible for any financial loss or other damage/injury to any item or person deployed/supplied by the Supplier Agency in the course of duties related to supplying/installation/commissioning of items at IIT Bhubaneswar.



66. PACKING & MARKING OF SUPPLIES

(a) The firm shall supply the stores with proper packing and marking for transit so as to be received at destination free from any loss or damage. Packaging must conform to applicable **Drugs & Cosmetics Rules** or other statutory provisions.

(b) All goods/stores supplied to the hospital must be **stamped**:

“The IIT Bhubaneswar Supply Only”

and printed **“NOT FOR SALE”** in bold letters with indelible ink (where applicable).

67. FORCE MAJEURE

Any failing or omission to carry out the provision of the contract by the supplier shall not give rise to any claim by either party if such failure arises from an event **beyond the supplier’s control**, including but not limited to:

- natural calamities (fire, flood, earthquake, hurricane)
- pandemics / epidemics
- civil unrest, riots, strikes
- embargoes, political or other reasons beyond control
- war (declared or not), civil war, insurrection

Notice of such occurrence shall be given to the other party **within two weeks** of the event, and performance shall resume as soon as practicable once the event ceases.

68. DISPUTES AND ARBITRATION

All disputes or differences arising during the execution of the contract shall be resolved through **mutual discussion** in the first instance.

Failing mutual settlement, the matter shall be referred to an **Arbitrator** appointed by the Director, IIT Bhubaneswar, for settlement of disputes in accordance with the provisions of the **Arbitration & Conciliation Act, 1996**, or any subsequent amendment. The decision of the Arbitrator shall be **binding** on both contracting parties.

69. LAW GOVERNING THE CONTRACT AND JURISDICTION

The contract shall be governed by:

- **Contract Act 1872**
- **Indian Competition Act 2002**
- Instructions / notifications issued by the Government of India from time to time

The **Courts of Bhubaneswar** shall have exclusive jurisdiction to adjudicate any dispute arising out of this contract.



70. RECOVERY OF EXCESS PAYMENT MADE TO SUPPLIER AGENCY

In case of a post-payment audit, if any **excess payment** is found, it shall be recovered from the Agency. The Agency shall deposit the excess amount within **30 days** of written demand by IIT Bhubaneswar.

71. UNDER PAYMENT TO BE MADE TO SUPPLIER AGENCY

Similarly, if under-payment is detected after post-audit, IIT Bhubaneswar shall make due payment to the Supplier Agency.

72. RESPONSIBILITY OF SUPPLIER AGENCY FOR PROVIDING COPIES OF RELEVANT RECORDS

Supplier Agency shall provide copies of **relevant records** at any time during contract execution or even after contract closure if required by IIT Bhubaneswar.

Strict Prohibition:

No bidder or representative shall exert political/administrative influence to obtain business benefits.

If violated → **Immediate rejection without assigning any reason.**

73. SERVICE SUPPORT AND REDRESSAL OF COMPLAINT

All bidders must provide Dedicated **Toll-free Number** for service support

74. Supply of Personnel to Work at IIT Bhubaneswar:

- a) The contractor has to supply two Manpower as mentioned in the scope of work. The contractor, after studying and understanding/engaging the requirement of IIT Bhubaneswar, shall fix a staff pattern for routine work in general shifts at his/her discretion, and strictly adhere to it.
- b) The Contractor should arrange the manpower which is proposed to be deployed as in the scope of work. These staff members shall carry out the work as per the plans & schedules in consultation with the concerned officer of IIT Bhubaneswar. These staff members shall also carry out all other works as entrusted by the concerned officer of IIT Bhubaneswar and shall never say „no“ to any of the relevant requirements of IIT Bhubaneswar.
- c) It is fully the responsibility of the contractor to deploy qualified highly skilled Manpower with hands-on experience, relevant to handle AV equipment, etc., as applicable. They should be well conversant with Indian Standards and other relevant standards.

It is completely the contractor's responsibility to do deployment pattern and to fulfill the requirements of IIT Bhubaneswar.

d) The following are the qualification & experience pre-requisites of the staff deployed:

1. Video Editor-Technical

Highly Skilled Manpower for lecture editing:

Essential Qualification:

PG in Mass Communication and Journalism with 55% marks

OR

Graduate with 55% marks and PG diploma in Video Editing with 55% marks

Experience: One year proven experience in the relevant field

Age Limit: Not more than 45 years

2. Audio Engineer-Technical

Essential Qualification:

* BE/BSC/B Tech along with PG Diploma/Diploma in Sound Engineering/Sound Recording.

Experience:

Three years of relevant experience in reputed organizations/industry; active engagement with operations and maintenance of relevant hardware/TV & Radio broadcast equipment.

Desirable Qualification

* Experience with working with a wide range of ICT based media equipment in production and broadcast environment.

•Experience of working with a wide range of and operating systems, relevant applications troubleshooting specially in the field of streaming/live/studio

Age Limit: Not more than 45 years

e) The contractor shall abide by all prevailing statutory state/central labour laws and regulations, including insurance, EPF, ESI, medical claims, etc. contractor shall be solely responsible for the same.

f) The contractor shall ensure that the personnel engaged by him shall scrupulously follow all safety and security norms and security & safety requirements of work. Any damages/loss to IIT Bhubaneswar properly by these Technicians due to carelessness shall be recovered from the bills of the contractor. The decision of IIT Bhubaneswar on this behalf concerning the cause of damage and quantum shall be binding on the contractor and shall be final.



Non- Compliance of work: -

In the event of failure to comply with the awarded work within the stipulated time, the penalty will be imposed as double of actual expenditure incurred in attending the same by another Agency.

Any accident due to negligence in following safety procedures is purely the responsibility of the Contractor. The department is not responsible for any accidents/damages/deaths. The safety of all the staff of the Contractor is the sole responsibility of the Contractor.



UNDERTAKING BY THE BIDDER

UNDERTAKING

I/we have read and examined the Tender document including terms & conditions, specifications, bill of quantities, drawings and designs, general rules and directions, General Conditions of Contract, Special Conditions of Contract and all relevant other documents, publications and rules referred to in the Conditions of Contract and all other contents in the tender documents for the work.

I/we hereby tender for execution of the work specified for the Indian Institute of Technology Bhubaneswar within the time specified and in accordance in all respects with the specifications, designs, drawings and instructions in writing.

I/we agree to keep the tender open for 120 days from the last date of its submission and not to make any modifications in its terms and conditions. A sum of Rs..... has been deposited through demand draft of a scheduled bank / Pay order as earnest money. If I /we, fail to furnish the prescribed performance guarantee within prescribed period, I /we agree that the Director, Indian Institute of Technology Bhubaneswar or his authorized officer shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I /we fail to commence work as specified, I/we agree that the Director, Indian Institute of Technology Bhubaneswar shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein.

Further, I/we agree that in case of forfeiture of earnest money or both EMD and Performance Guarantee as aforesaid, I/we shall be debarred for participation in there-tendering process of the work.

I \we hereby declare that I \we shall treat the tender documents, drawings and other records connected with the work as secret / confidential and shall not communicate information derived therefrom to any person other than a person to whom I \we am/ are authorised to communicate the same or use the information in any manner prejudicial to the safety of the State

Seal & Signature of Bidder
Postal Address:

Dated:

Witness:

Address

Occupation



ANNEXURE-C

UNDERTAKING FOR GCC COMPLIANCE

I /we hereby undertake that we shall fulfil all the terms and conditions of CPWD General Condition of Contract 2023 **for construction work** with amended/ within the specified time frame, after the acceptance of our offer in case our offer is accepted; failing which IIT Bhubaneswar may go ahead to take necessary action such as reporting the non-compliance to appropriate government authorities and barring me/us from future participation in IIT Bhubaneswar works.

DATED:

Seal & Signature of Bidder



ANNEXURE-D

BID SECURITY DECLARATION FORM

Date:

Tender No.

(complete name and address of the bidder)

I/we, The undersigned, declare that :

I/we understand that, According to your conditions, bids must be supported by a Bid Security Declaration),

I/we, accept that I/we may be disqualified from bidding for any contract with you for a period of two years from the date of notification if I am/We are in a breach of any obligation under the bid conditions, because I/We

- a. Have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- b. having been notified of the acceptance of our Bid by the bidder during the period of bid validity (i) fail or refuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instruction to Bidders.

I /we understand this Bid Security Declaration shall cease to be valid if I am/We are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/ our bid.

Signed: (Insert signature of person whose name and capacity are shown)

In the capacity of (Insert legal capacity of person signing the Bid Security Declaration).

Name:

(Insert complete name of person signing the Bid Security Declaration)

Duly authorized to sign the bid for an on behalf of

(Insert complete name of Bidder)

Dated onday of

(Insert date of signing)

Corporate seal (where applicable)



ANNEXURE-E

UNDRTAKING REGARDING BLACK LISTING/ NON-DEBARMENT

(On Company/Firm's Letter head or with seal of the organisation)

I/we hereby confirm and declare that we, M/s -----, is not blacklisted/ deregistered/ debarred by any Government department/ Public Sector Undertaking/ Private Sector/ or any other agency for which we have executed/ undertaken the works/ Services during the last 3 years from dt. i.e from the date of publication of the bid.

Signature of Authorised person

Date:.....

Full Name:.....

Place:.....

Company seal:.....



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Annexure-F

VENDOR MASTER FORM

**(To facilitate registration under PFMS and fund transfer through RTGS, NEFT/ INTRA
BANK Transfer-One time information required)**

Sl. No.	Information required	Data furnished
1	Name of the supplier company /firm	
2	CIN Number (in case of company)	
3	Complete contact address with PIN number	
4	District with city name	
5	Landline phone number	
6	Mobile number of contact person/ Finance Superintending (for SMS on payment details)	
7	e-Mail ID (for receiving payment details)	
8	PAN Number	
9	GST Registration Number (with copy of GST registration certificate)	
10	TAN Number	
11	Bank account number (with a copy of cancelled cheque or Xerox copy of cheque leaf)	
12	Name of the Bank	
13	Name of the Bank Branch	
14	IFSC Code of Bank	
15	MICR Code of Bank	
16	Bank Account details where LC is to be opened in case of foreign suppliers	

I / We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or credit is not effected at all for reason of incomplete or incorrect information, the Indian Institute of Technology Bhubaneswar will not be responsible.

Signature of the Bidder/agency



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Annexure-G

**PROFORMA OF CERTIFICATE REGARDING LABOUR PAYMENTS AND
STATUTORY REQUIREMENT TO BE FURNISHED BY CONTRACTOR.**

**(TO BE ISSUED BY THE CONTRACTOR AND ATTESTED BY THE ENGINEER IN
CHARGE)**

Name of the work: _____

Contract/Work order No. and Date: _____

Name of the Contractor: _____

This is to certify that I /we have made all labour payments including PF liabilities in respect of the above mentioned Work order/Contract and no other payments in this regard is pending from us. Further we confirm that all statutory requirements have been complied with by us and in case any default is reported against us, we shall be solely responsible for the same.

Date:

Signature_____

Place

Name_____

Designation_____

Company seal_____

Attestation:



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Annexure-H

PROFORMA OF NO DEMAND CERTIFICATE BY CONTRACTOR

(TO BE ISSUED BY THE CONTRACTOR AND ATTESTED BY THE ENGINEER IN CHARGE)

Name of the work: _____

Contract/Work order No. and Date: _____

Name of the Contractor: _____

I/we, M/s. _____ (Contractor) do hereby acknowledge and confirm that we have already submitted final bill vide Bill No. _____, dt. _____ for ₹ _____ in respect of our aforesaid Work order/Contract No. _____ dt. _____ including amendments, if any, issued by IIT Bhubaneswar. After payment of above mentioned final bill amount by IIT Bhubaneswar, I/we have no claim whatsoever pending with IIT Bhubaneswar under the said contract except the followings.

1. Performance Guarantee amount: ₹ _____
2. Security Deposit amount deducted in RA bill : ₹ _____
3. Earnest Money Deposit amount: ₹ _____

Notwithstanding any protest recorded by us in any correspondence, document, measurement books, and/or final bills, etc. we waive all our rights to lodge any claim or protest in future under this contract

We are issuing this “NO DEMAND CERTIFICATE” in favour of IIT Bhubaneswar with full knowledge and with our free consent without any undue influence, misrepresentation, coercion etc.

Date: _____ Signature _____

Place _____ Name _____

Designation _____

Company seal _____

Attestation:



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Annexure-I

DETAILS ABOUT BIDDING AGENCY

S. No.	Particulars	Details
1.	Full name of the Bidder (In capital letters)	
2	Full address of the Bidder	
3	(a) Telephone No: (b) Alternate Telephone No. (c) Email ID:	
4	PAN	
5	TAN	
6	Date of incorporation and number of years of experience in relevant area	
7	GST registration No.	
8	Weather the bidder has been blacklisted by any Govt. organization at any time? If so, attach the details of the same.	
9	Names and details of the Authorized person to be available at site during the work (a) Name (b) Designation (c) Address (d) Mobile number (e) Alternate Mobile number (f) Email ID	

Date:

Signature _____

Place

Name _____

Annexure-J

Format for Submission of Financial Turnover

Financial turnover of the Organisation for any three consecutive years (Attach CA certified statements)					
Financial year	2021-22	2022-23	2023-24	2024-25	Average of any three consecutive years
Turnover (In Lakhs)					

It is hereby submitted that all the terms and conditions of this NIT are acceptable to the Bidder agency.

I hereby certify that the above mentioned particulars are true and correct. If any fact/information is found incorrect/misleading, the bid shall be rejected, and the bidder is liable for legal action.

(Authorised Signatory)

(Name of Authorised Person)

(Stamp)



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Annexure-K

1. Checklist for documents to be uploaded on
<https://eprocure.gov.in/eprocure/app>

Sl no.	Document	Reference
1.	Tender Documents (signature with stamp on each page)	
2.	EMD deposit scan copy to be uploaded (has to submit the Demand draft / FDR physically at the office of SE (Civil) on or before the due date/extended date of submission of bid.)	
3.	Valid GST Registration Certificate	
4.	Permanent Account Number (PAN)	
5.	Completion Certificate along with relevant work order copy during last 07yrs from the last date of bid submission	
6.	Annexure- B,C,D,E, I, J (Financial turn over including CA certified statements), K and M	

**** Please upload necessary documents only.**



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Annexure-L

Validate

Print

Help

Percentage BoQ

Inviting Authority: Superintending Engineer(Civil)

Name of Work: Construction of Lecture Recording Studio at Lalitgiri Hall of Learning, IIT Bhubaneswar, Argul.

Contract No: IITBBS/SE/Engg.section/43/2025-26

Name of the Bidder/
Bidding Firm / Company
:

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT With Taxes in Rs. P	TOTAL AMOUNT In Words
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भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

1	PART A: ANNEXURE - I (AV works) Supply, installation, Testing and commissioning – (SITC) Ceramic Green Chalk Board 12x4, Board Rite Melamine Writing Surface Ceramic Green Chalk Board and as per direction of Engineer-in-charge.	1	No	26550	26550.00	INR Twenty Six Thousand Five Hundred Fifty & Paise Zero Only
2	SITC of Motorized Green Screen and as per direction of Engineer-in-charge.	1	No	34692	34692.00	INR Thirty Four Thousand Six Hundred Ninety Two & Paise Zero Only
3	SITC of 42 inches Commercial Display for Professor and as per direction of Engineer-in-charge.	1	No	57348	57348.00	INR Fifty Seven Thousand Three Hundred Forty Eight & Paise Zero Only
4	SITC of 4K AI Based Auto Tracking PTZ Camera and as per direction of Engineer-in-charge.	2	No	388800.56	777601.12	INR Seven Lakh Seventy Seven Thousand Six Hundred One & Paise Twelve Only
5	SITC of 24" Desktop Pen / Touch display Tablet and as per direction of Engineer-in-charge.	1	No	196765	196765.00	INR One Lakh Ninety Six Thousand Seven Hundred Sixty Five & Paise Zero Only
6	SITC of Desktop touch display Desktop Computer with Table Mount Monitor System and as per direction of Engineer-in- charge.	1	No	55755	55755.00	Fifty Five Thousand Seven Hundred Fifty Five & point Zero Only
7	SITC of fixed Tripod System for Camera and as per direction of Engineer-in-charge.	2	No	28674	57348.00	Fifty Seven Thousand Three Hundred Forty Eight & point Zero Only
8	SITC of Video Production Switcher and as per direction of Engineer-in-charge.	1	No	436651.92	436651.92	Four Hundred Thirty Six Thousand Six Hundred Fifty One & point Ninety Two Only



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

9	SITC of 19" 4K Monitor cum recorder Display for live feed supervision and as per direction of Engineer-in-charge.	1	No	321786	321786.00	Three Hundred Twenty One Thousand Seven Hundred Eighty Six & point Zero Only
10	SITC of Up/down/cross converter and as per direction of Engineer-in-charge.	2	No	71366.4	142732.80	One Hundred Forty Two Thousand Seven Hundred Thirty Two & point Eighty Only
11	SITC of 27 inch IPS LED Monitor and as per direction of Engineer-in-charge.	2	No	35842.5	71685.00	Seventy One Thousand Six Hundred Eighty Five & point Zero Only
12	SITC of Premium 12 Input Analog Mixer and as per direction of Engineer-in-charge.	1	No	42090.6	42090.60	Forty Two Thousand Ninety & point Sixty Only
13	SITC of Wireless Lapel Microphone System and as per direction of Engineer-in-charge.	1	No	76464	76464.00	Seventy Six Thousand Four Hundred Sixty Four & point Zero Only
14	SITC of Wireless Headmic Microphone System and as per direction of Engineer-in-charge.	1	No	73278	73278.00	Seventy Three Thousand Two Hundred Seventy Eight & point Zero Only
15	SITC of Handheld Microphone System Dynamic cardioid handheld microphone with rugged metal body and as per direction of Engineer-in-charge.	1	No	9213.44	9213.44	Nine Thousand Two Hundred Thirteen & point Forty Four Only
16	SITC of Reference Audio Monitor, Compact Desktop Reference Monitors with Bluetooth and as per direction of Engineer-in-charge.	2	No	19912.5	39825.00	Thirty Nine Thousand Eight Hundred Twenty Five & point Zero Only
17	SITC of Headphones and as per direction of Engineer-in-charge.	1	No	10116.14	10116.14	Ten Thousand One Hundred Sixteen & point Fourteen Only



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

18	SITC of Editing System Processor, Apple M4 chip with 10-core CPU and 10-core GPU and as per direction of Engineer-in-charge.	2	No	189118.6	378237.20	Three Hundred Seventy Eight Thousand Two Hundred Thirty Seven & point Twenty Only
19	SITC of Editing Software 1 Yrs subscription – ACDEMIC and as per direction of Engineer-in-charge.	2	No	41536	83072.00	Eighty Three Thousand Seventy Two & point Zero Only
20	SITC of 16 TB Storage and as per direction of Engineer-in-charge.	1	No	203550	203550.00	Two Hundred Three Thousand Five Hundred Fifty & point Zero Only
21	SITC of Eng Kit-consisting of 60W spot light 02 nos., 60W Flood light 1 Nos and as per direction of Engineer-in-charge.	1	No	238950	238950.00	Two Hundred Thirty Eight Thousand Nine Hundred Fifty & point Zero Only
22	SITC of 90W LED Soft PANEL light 90W LED soft panel light with RDM protocol and as per direction of Engineer-in-charge.	2	No	44126.1	88252.20	Eighty Eight Thousand Two Hundred Fifty Two & point Twenty Only
23	SITC of Stand for 90W Panel Light With 3 section stand and as per direction of Engineer-in-charge.	2	No	8538.48	17076.96	Seventeen Thousand Seventy Six & point Ninety Six Only
24	SITC of 6 kVA UPS System Capacity and as per direction of Engineer-in-charge.	1	No	161070	161070.00	One Hundred Sixty One Thousand Seventy & point Zero Only
25	SITC of 12U Rack, Supply of 12U Full Loaded 600x600 RACK and as per direction of Engineer-in-charge.	1	No	24780	24780.00	Twenty Four Thousand Seven Hundred Eighty & point Zero Only
26	SITC of Cables & Connectors, Supply of Video Cable, Audio Cable, Audio-Video Connectors, Ethernet Cable and Connector, Casing, PVC Conduit Pipes etc. required and as per direction of Engineer-in-charge.	1	LOT	265500	265500.00	Two Hundred Sixty Five Thousand Five Hundred & point Zero Only
27	SITC of Wireless Lavalier Microphone System and as per direction of Engineer-in-charge.	1	No	14309.86	14309.86	Fourteen Thousand Three Hundred Nine & point Eighty Six Only



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

28	SITC, System Integration Training and Commissioning as required and as per direction of Engineer-in-charge.	1	LOT	289100	289100.00	Two Hundred Eighty Nine Thousand One Hundred & point Zero Only
29	PART B: ANNEXURE - II (Civil and AC works) Supply, installation, testing and commissioning of acoustic wall panel system and as per direction of Engineer-in-charge.	810	Sft	585.28	474076.80	Four Hundred Seventy Four Thousand Seventy Six & point Eighty Only
30	Supply, Installation, Testing and Commissioning of Glassfibre Core Fully Encapsulated Ceiling Tile System and as per direction of Engineer-in-charge.	565	Sft	292.64	165341.60	One Hundred Sixty Five Thousand Three Hundred Forty One & point Sixty Only
31	Window Blocking with Wooden frame and MDF Board and as per direction of Engineer-in-charge.	60	Sft	457.84	27470.40	Twenty Seven Thousand Four Hundred Seventy & point Forty Only
32	Providing and Fixing of Noise Reduction (Acoustic) Door with frame and as per direction of Engineer-in-charge.	56	Sft	2194.8	122908.80	One Hundred Twenty Two Thousand Nine Hundred Eight & point Eighty Only
33	Chroma Studio Wall Stretcher and as per direction of Engineer-in-charge.	296	Sft	457.84	135520.64	One Hundred Thirty Five Thousand Five Hundred Twenty & point Sixty Four Only
34	Electrical work in the studio including Supply and installation of Modular Power Point and Switch and LED light with conducting and wiring and as per direction of Engineer-in-charge.	507	Sft	256.06	129822.42	One Hundred Twenty Nine Thousand Eight Hundred Twenty Two & point Forty Two Only
35	Supply and installation Light Iron hollow frame work at studio ceiling and as per direction of Engineer-in-charge.	160	Sft	329.22	52675.20	Fifty Two Thousand Six Hundred Seventy Five & point Twenty Only



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

36	Providing glass observation window: Providing and fixing of 6 mm thick clear float , by silica gel crystals at the bottom of the window surface, for the production control room with necessary rubber and teak beadings for the corners of the window and as per direction of Engineer-in-charge	20	Sft	1646.1	32922.00	Thirty Two Thousand Nine Hundred Twenty Two & point Zero Only
37	Control Room Acoustical Partition - Providing and fixing partition strutchar with GI stud channel ,floor Chanel and Intermediate with 12mm Drywall , FR 50mm 16kg/m3 HD Glasswool with Acoustical Fabric finish complete material and labor charges as per direction of Engineer-in-charge and as per direction of Engineer-in-charge.	195	Sft	448.4	87438.00	Eighty Seven Thousand Four Hundred Thirty Eight & point Zero Only
38	Semi Acoustical Doors Control Room : Semi Acoustic Door with ISO Board sound deadening finish) as per direction of Engineer-in-charge and as per direction of Engineer-in-charge.	21	Sft	1280.3	26886.30	Twenty Six Thousand Eight Hundred Eighty Six & point Thirty Only
39	Control Room Table - Providing and fixing partition with 50X25 Wood section Ply 710 Grade 19mm thick PLY and Both side laminate finish and as per direction of Engineer-in-charge	24	Sft	2194.8	52675.20	Fifty Two Thousand Six Hundred Seventy Five & point Twenty Only
40	Professor Table - Providing and fixing partition with 50X25 Wood section 710 Grade 19mm thick PLY and Both side Laminate finish and as per direction of Engineer-in-charge	12	Sft	2194.8	26337.60	Twenty Six Thousand Three Hundred Thirty Seven & point Sixty Only
41	Acoustic Flooring (19'5"x28'9"x10'- 507 sq.ft) : Acoustic Floor Carpets 8mm thick flooring of approved texture and color for the floor, with Sound Absorbing mat finish and as per direction of Engineer-in-charge	507	Sft	173.46	87944.22	Eighty Seven Thousand Nine Hundred Forty Four & point Twenty Two Only
42	Chroma Set Platform(19'5"x9'x6"-175 sq.ft) :Providing and fixing a 5" height Platform Structure with 710 Grade 19mm thick PLY with acoustic Carpets finish as per direction of Engineer-in-charge and as per direction of Engineer-in-charge.	175	Sft	658.44	115227.00	One Hundred Fifteen Thousand Two Hundred Twenty Seven & point Zero Only



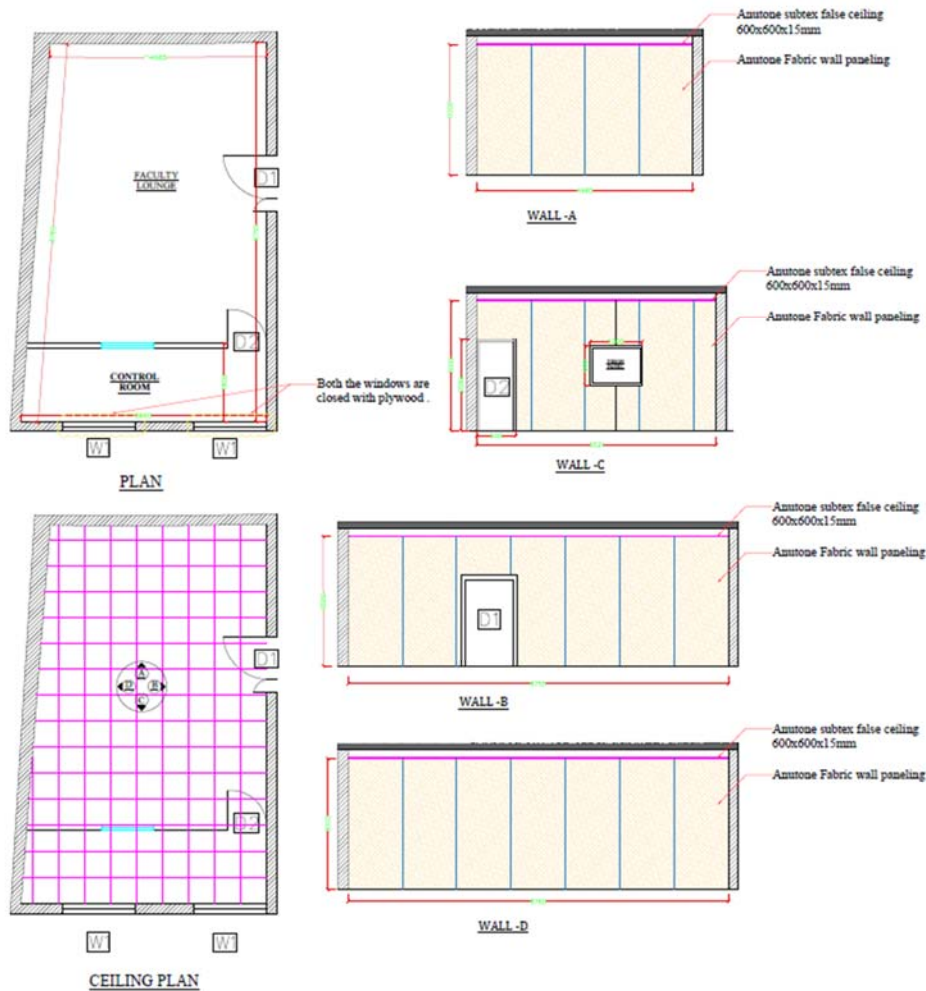
भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

43	Professional Studio Standard Chairs (For Professor & Control Room) Wheel Base and as per direction of Engineer-in-charge.	4	No.	8260	33040.00	Thirty Three Thousand Forty & point Zero Only
44	Integration Charges (Lot) and as per direction of Engineer-in-charge.	1	No.	94400	94400.00	Ninety Four Thousand Four Hundred & point Zero Only
45	Supply , Installation, Testing and Commissioning of Air Cooled Hi Wall split type Air conditioners 2.0 TR with 5 Star BEE Rating and as per direction of Engineer-in-charge.	2	No.	88500	177000.00	One Hundred Seventy Seven Thousand & point Zero Only
46	PART C : ANNEXURE III (Manpower) Residential Manpower for One Year for Editing of Lectures and Managing of Studio/AV equipment and as per direction of Engineer-in-charge.	12	No.	47200.00	566400.00	Five Hundred Sixty Six Thousand Four Hundred & point Zero Only
47	Residential Manpower for One Year for Technical Support/ Recording and managing of the Studio/AV equipment and as per direction of Engineer-in-charge.	12	No.	59000.00	708000.00	Seven Hundred Eight Thousand & point Zero Only
Total in Figures					7309886.42	INR Seventy Three Lakh Nine Thousand Eight Hundred Eighty Six & Paise Forty Two Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar



INDICATIVE LAYOUT OF THE LECTURE
RECORDING STUDIO