

# Finance committee Meeting

Date – 07<sup>th</sup> February 2024

**Notice** 

Agenda

Minutes + Attendance

#### NOTIFICATION

## Dated Shillong the 02<sup>nd</sup> February 2024

NO.NLUM/Estt/FC/61/2023/82 The Finance Committee of the National Law University Meghalaya will sit on the 07th of February 2024 at 11:00 AM in the University campus, Mayurbhanj, Nongthymmai, Shillong- 14.

#### AGENDA:

- To confirm the minutes of the Finance Committee meeting held on 17th October I. 2023.
- II. Reporting Items
  - a. Expenditure paid to MePDCL for the shifting and installing of new transformer - Annexure 1
  - b. Procurement of Desktops, Biometrics, etc. for the university for the newly joined staffs.
- III. Agenda items sought for approval from the committee are placed below: -
  - Confirmation of New Fee Structure Annexure 2
  - New Proposed Budget of 44 Crores Annexure 3 ii.
  - Appointment of Tax and Finance Consultants due to the resignation of iii. previous Tax Consultant
    - a. Tax Consultant Annexure 4.1
    - b.Finance Consultant Annexure 4.2
  - Post Facto approval of the expenses incurred in the renovation, furnishings of iv. the newly handed over auditorium, gazebos and glass houses - Annexure 5
  - Medical Insurance for v.
    - a. Students -
    - b.Staff (Faculty and Non-Faculty)
  - Issue with BSNL Tower and Bills thereof Annexure 6 vi.
  - Proposal for Group Insurance Scheme for all Staff Annexure 7 vii.
  - MOUs with different Banks for Pan India Student Loans viii.
  - Finances and costs relating to renting of hostels and guest accommodations ix. Annexure 8
    - a. Proposal to float EOI for the same.
    - b.Ongoing discussions with various building owners.
  - Empanelment of Just-Tripin, Shillong 793001 or Start Ups for X. accommodations in the country and travel agents for vehicles for faculties and non-faculties visiting/travelling for official purposes or university designated travel.
  - Proposal and Quotation for additional "Admissions" module in the ERP xi. Annexure 9
  - Proposal for procuring a University Vehicle (preferably EV e.g. Mahindra xii. 400, Hyundai etc.) under INR 20 Lakhs to be used by the Outreach and External Relations Cell, Research and Knowledge Management Cell and Career Development Centre which will be maintained and financed by the



them. Vehicle Cost to be recovered from the Outreach Funds once the same is generated.

Proposal to activate online banking with enterer and verifier for easier xiii. transactions for online payments for GST and TDS or Tax-related purposes.

Any other matter with permission of the chair. IV.

> Registrar National Law University Meghalaya

## Memo NO. NLUM/Estt/FC/61/2023/82-A

Dated Shillong the 02<sup>nd</sup> February 2024

#### Copy to:

- 1. The PS to the Commissioner & Secretary, Education Department cum Chairperson of the committee for information of Shri Pravin Bhakshi, IAS.
- 2. Shri. Debu Lyngdoh, Jt. Secretary, Law Department, Govt of Meghalaya for information and a request to attend the same.
- 3. Shri. R. Swer, Jt. Secretary, Finance(E) Department, Govt of Meghalaya for information and a request to attend the same.
- 4. The Finance and Accounts Officer, National Law University Meghalaya, Shillong for information and a request to attend the same.
- 5. PA to the Vice- Chancellor, National Law University Meghalaya, Shillong for

6. Assistant Registrar (Finance), National Law University Meghalaya for Information. 7. Office File.

Registrar

National Law University Meghalaya



Minutes of the meeting of the Finance Committee held on the 07th of February 2024 at 11:00 AM in the office chamber of the Vice Chancellor National Law University Meghalaya, Mayurbhanj, Nongthymmai, Shillong- 14.

- I. The meeting of Finance Committee was held on the 07<sup>th</sup> of February 2024 at 11:00 AM in the office chamber of the Vice Chancellor, National Law University Meghalaya and chaired by Shri Pravin Bhakshi, IAS with the following committee members present:
  - i. Shri R. Swer, Jt. Secretary, Finance (E) Department, Govt. of Meghalaya.
  - ii. Shri Uttam Rai, Finance and Accounts Officer, NLU Meghalaya.
  - Shri Debu Lyngdoh, Jt. Secretary, Law Department, Govt. of Meghalaya had informed before hand of his unavailability due to another pressing engagement.
- II. The below reporting items were placed before the committee which were agreed to in principle by the members:
  - To confirm the minutes of the Finance Committee meeting held on 17<sup>th</sup> October 2023.
  - ii. Expenditure paid to MePDCL for the shifting and installation of the new transformer of approximately INR Thirty-One (31) Lakhs due to the shifting of the same by the previous occupants of the complex, viz. IIM Shillong.
  - iii. Procurement of Desktops, Biometrics, etc. for the university for the newly joined staff.
- III. The below agenda items were sought for approval from the committee which were agreed to in principle as per details mentioned against each item:
  - i. Confirmation of new fee structure
    - a. The Finance Committee recommended only a 10% enhancement for tuition fee and hostel fee for the various undergraduate and post graduate students for the new batches for the academic year 2024. The fees of the previous batch (2023) shall remain unchanged as per the non-increasing fees guarantee for the duration of their course. The same is to be placed before the Academic and Executive Councils for further deliberations.
  - The Finance Committee recommended post-facto approval for the new proposed budget of INR Forty-Four (44) Crores but is subjected to be placed before the Governing Council in the next scheduled meeting.
  - iii. The appointment of a new Tax and Finance Consultant due to the resignation of previous Tax Consultant is approved but should be appointed for the minimum duration of a Financial Year.
  - Post-facto approval of the expenses incurred in the renovation, furnishings of the newly handed over auditorium, gazebos, and glass houses etc.
    - a. The Finance Committee has approved the same under the conditions that the completed/ongoing work has to be physically inspected by Public Works Department (Buildings) and Public Works Department



(Electricals), Government of Meghalaya and the Building, Works, and Planning Committee of National Law University to certify that work has been completed according to standard norms and specifications. The Finance Committee recommended that the plans and estimates for renovation and repairs of the auditorium should be sent to PWD (Buildings) Division and the same should be countersigned by the Chief Engineer (PWD) as the estimated amount exceeds the power of the delegated Junior Engineer PWD. The Building, Works and Planning Committee of the university must also provide a work satisfactory certificate on completion of the works.

- v. The proposed medical insurance for students at the university is to be carried out as an agenda in the next Finance Committee meeting after a detailed analysis of student data having family health insurance, requirements of the same etc. Analysis of various public sector insurance companies providing plans and options are also to be completed and a possibility of collaboration between Department of Health and Family Welfare, Government of Meghalaya, Meghalaya Health Insurance Scheme to be conducted.
- vi. The proposed medical insurance for university staff (Faculty and Non-Faculty) was approved by the Finance Committee and is to be paid by the employer for all staff.
- vii. Issue with BSNL Tower and Bills thereof
  - a. The Finance Committee recommended disconnecting the BSNL Lease Line connection used by the university and to issue a formal notice to BSNL to remove the tower in the campus premises if the electricity bill consumed by the tower is not paid by BSNL. The committee also suggested setting up a meeting with the General Manager of BSNL with the Vice Chancellor for discussion of bill arrears of approximately INR Ten (10) Lakhs.
- viii. The proposal for the Group Insurance Scheme for all staff (faculty and non-faculty) has been approved by the Finance Committee and the cost is to be paid by the university whereas the sum assured will be as per employee designation.
- ix. The proposal to enter different MOUs with different Banks for Pan India student loans is approved.
- x. The estimated finances and costs relating to renting hostels and guest accommodations (for visiting officials) by way of floating EOIs or continued discussions with various building owners is approved.
- xi. Empanelment of Just-Tripin, Shillong 793001 or start-ups for accommodations in the country and travel agents for vehicles for faculties and non-faculties visiting/travelling for official purposes or university designated travel.
  - a. The Finance Committee suggested requesting Natasha Tours, Shillong 793001 and Just-Trippin Shillong 793001 for quotations for the concerned university committee to make comparisons and choose the best value for empanelment.



- xii. Proposal and quotation for additional "Admissions" module in the ERP
  - a. The Finance Committee approved the proposal and quotation for the same but suggested that the vendor provide and highlight the client lists, previous experiences, and organizations where the vendor is providing its ERP platform and modules for comparison.
- xiii. Proposal for procuring a University vehicle (preferably EV e.g. Mahindra 400, Hyundai etc.) under INR Twenty (20) Lakhs to be used by the Outreach and External Relations Cell, Research and Knowledge Management Cell and Career Development Centre which will be maintained and financed by the chairperson/coordinator of the cells using the funds and finances generated by them. Vehicle cost to be recovered from the Outreach Funds once the same is generated.
  - a. The Finance Committee approved the proposal to procure a university vehicle to be used by the Outreach and External Relations Cell, Research and Knowledge Management Cell and Career Development Centre. It has been suggested to first constitute a committee to compare efficiency, usability, costs, maintenance etc. of an electric vehicle vis a vis to a diesel or petrol vehicle.
- xiv. The proposal to activate online banking with an enterer and verifier for easier transactions for online payments for GST and TDS or tax-related purposes is approved.

IV. No other agenda was brought up and the meeting ended with thanks from the chair.

Registrar

National Law University of Meghalaya

# Attendance of the Finance Committee of the National Law University Meghalaya $07^{\rm th}$ of February 2024 at 11:00 AM

S.no	Name	Signature
1	Shri Pravin Bhakshi, IAS	m I
2	Shri Debu Lyngdoh	l'h d'
		_ al-
3	Shri R. Swer	L
4	Finance and Accounts Officer, NLU Meg	



Minutes of the meeting of the Finance Committee held on the 17th of October 2023, held in the office chambers of the Vice Chancellor National Law University Meghalaya, Mayubanj Complex, Nongthymmai, Shillong 793014.

- A. The meeting of Finance Committee was held on the 17th of October 2023 at 10:00 am in the office chamber of the Vice Chancellor National Law University Meghalaya and was chaired by the Vice Chancelor with the following committee members present:
  - a. Prof. Indrajit Dube, Vice Chancellor, National Law University Meghalaya
  - Shri. Debu Lyngdoh, Jt. Secretary Law Department, Government of Meghalaya as an invitee.
  - c. Smti. K.M. Lyngdoh Nongbri, Registrar, National Law University Meghalaya
  - d. Shri. Uttam Rai, Finance and Accounts Officer, National Law University Meghalaya
  - e. Shri. R. Swer, Jt. Secretary, Finance(E) Department, Govt of Meghalaya
- B. The below agenda items were placed before the committee which were agreed to in principle by the members as per details mentioned against each item:
  - Reconstitution of the Internal Procurement Committee.
    - To include one of the Assistant Registrars and a senior faculty member in the committee
  - b. Floating tender for Tuck & Book Shop.
    - i. Open tender to be floated.
  - c. Floating of tender for Gardening and Landscaping Services.
    - Open tender to be floated.
  - Renovation, repairing and maintenance of Auditorium and other assets handed over to NLU Meg.
  - Empanelment and constitution of empaneled Contractors and suppliers for Civil, Electrical, electronics, IT equipment works, furnishings etc.
    - i. Mr. Kitbok Warbah, registered contractor for Civil Works
    - ii. Mr. Riwot-OO-Susngi, registered contractor for Electrical Works
  - f. Empanelment and constitution of Government registered suppliers and vendors for miscellaneous items viz., stationaries, office supplies and of similar nature.
    - i. M/S Ricky Nongrum, registered supplier
  - g. Empanelment and constitution of Government registered vendors for travel bookings viz., flights, cabs, hotels and other forms of travel and accommodation for staff (faculty, non-faculty, visiting personnel) of NLU Meg.
    - Decision taken to carry on with the registered vendor which is in used with the High Court of Meghalaya and the Meghalaya State Judicial Academy and to also empanel other vendors for the same in order to have multiple vendors.
  - h. Approval of draft Delegation of Financial Powers.
    - i. Approved with suggested changes in the extent of powers:
      - 1. Finance and Accounts Officer Up to INR 2,00,000/-
      - 2. Registrar Above INR 2,00,000/- up to INR 5,00,000/-

- 3. Vice Chancellor INR 5,00,000/- to INR 10,00,000/- with emergency authorization up to INR 20,00,000/- as a special case.
- i. Approval of expenses and appointment of Tax Consultant(s).
  - Bikash Bhattacharjee & Consultancy, Meghalaya, Shillong with a quote of INR 45,000/- (INR Forty-Five Thousand only) per month has been decided to be empaneled for a period of 6 months.

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		Annexu	Annexure 1: Expenditure paid to MSEB	to MSEB for shifting and	for shifting and installing of new transformer	former		
SI No	Particulars	Amount before GST GST @18%		Amount including GST		Labour Cess 1%	Total Amount (say) in Rs Say (Rs)	Say (Rs)
	Estimate for Extension of 11 KV Line	₹1,73,983.70	₹31,317.07	₹2,05,300.77		₹2,053.01	₹2,073.78	₹2,073.78 ₹2,07,354.00
	Estimate for installation 11/0.4KV, 500 KVA							
N	2 SUB-STATION	₹ 20,13,677.32	₹ 36,241.91	₹ 23,76,139.23		₹23,761.39	₹ 23,99,900.62	₹23,99,900.62 ₹23,99,901.00
	Estimate for Installation of HT Metering	₹2,10,676.00	₹37,921.68	₹2,48,597.68		₹2,485.97	₹2,51,083.65	₹2,51,083.65   ₹2,51,084.00
_	1 Estimate for Cable Trench	₹72,277.45	₹ 13,009.94	₹ 85,587.39			₹85,287.39	₹85,287.00
	Load Security 414KVA @1590 (DHT)						₹6,58,260.00	₹6,58,260.00 ₹6,58,260.00
							TOTAL	TOTAL ₹ 36,01,886.00
*I PSS COST	*Less cost of load security for 200 KVA as already paid							₹4,70,200.00
								₹31,31,686.00
* Estimate	* Estimates from MePDCL with reference no. MePDCL/CE(D)/EZ/T-149/CZ/III/2023-24/62 dated 27'Oct 2023	(D)/EZ/T-149/CZ/III/2	023-24/62 dated 27'Oct	2023				
Bill No	Dated	Amount	TDS on GST deducted IT TDS deducted	IT TDS deducted	Total amount paid	Paid To	Bank Name	Branch
191		₹31,31,685.00	₹ 49,412.00	₹ 49,412.00		₹ 30,32,861.00 MePDCL Deposit Works Account State Bank of India		Shillong Branch

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NLU Meghalaya		Marco Langua	MNI II Nagour	110000	HPNLU HP		UNITO ME	701110	MINLO Manarishada	100	DBRANLU	700	IGNTO UP		NLU, Tripura		GNLUS Gujarat		NUALS Kochi		RMLNLU Lucknow		GNLU Gandhinagar		HNLU Naya Raipur		NLUJ Jodhpur		WBNUIS Kolkara		NALSAR Hyderabad		NLIU Bhopal	11 10 10 10 10 10 10 10 10 10 10 10 10 1	NLSIU	Tamil Nadu National Law University	NUSRL Ranchi	NI II	NLU Odhisa	Vishakapatnam Andhra Pradesh	Damodaram Sanjivayya National Law University,	AND CONTROL OF THE CO	NLU Delhi		Chanakya National Law University Pama	Rajiv Gandhi National University of Law, Punjab		Name of University
	Indian	For NRI & Foreign students	Indian	For students from SAARC countries	For NRI & Foreign students	Indian	For NRI & Foreign students	Indian	For NRI & Forcien students	For NRI & Foreign students	Indian	For Foreign students	For NRI Sponsored students	Indian	For NRI & Foreign students	For NRI & Foreign students	Indian	For Foreign students	For NRI	For NKL & Foreign students	Indian	For NRI & Foreign students	Indian	For students from Non-SAARC countries	For students from SAARC countries	Indian	For NRI & Foreign students		Indian	Indian	Indian	For NRI & Foreign students	Indian	For NRI & Foreign students	Indian	For students from Non-SAARC countries	For students from SAARC countries	Indian	Indian For NRI Sponsored enidents	Indian		Indian/SAARC/Non SAARC						
The same of the sa	₹ 1,75,000.00	NA	₹ 2,12,000.00	₹ 4,26,000.00	₹ 8,26,000.00	₹ 2,38,000.00	AN	₹ 2,14,825.00	₹ 8,33,000.00	₹ 2,14,250.00	AN	₹ 1,28,000.00	NA	₹2.80,000.00	\$ 1,78,300.00 \$ 22 00 569 00	₹ 12,30,921.00	₹1,92,000.00	₹ 7,47,765.00	₹ 5,40,052.00	₹ 80,700.00	\$ 930 850 00 \$ 930 850 00	₹ 10,93,562.00	₹1,75,000.00	₹ 5,20,925.00	₹ 4,70,500.00	\$ 1,60,000,00	₹1,60,000.00	₹5,14,296.00	₹1,65,700.00	₹ 12,46,275.00	₹8,30,850.00	₹ 3,58,000.00	₹ 8,84,350,00	NA	₹ 2,69,000.00	₹1,51,500.00	₹1,99,900.00	₹5,90,290.00	₹ 2,06,890.00	₹ 4,30,000.00	₹ 1.80,000.00	₹ 11,18,580.00	₹ 6,06,790.00	₹ 2,37,000.00	₹1,41,500.00	₹1,99,000.00	Tuition Fee + other fees(annually)	
	₹ 80,000,00	AN	₹ 45,000.00	₹ 33,750.00	₹ 33,750.00	₹ 33,750.00	NA	₹ 39,930.00	₹ 65,000.00	₹ 65,000,00	AN	₹ 30,000,00	AN	₹ 5,000.00	7 25,000,00	₹ 24,000.00	₹ 24,000.00	₹ 17,500.00	₹ 17,500.00	₹ 17,500.00	NA NA	₹ 24,000.00	₹ 24,000.00	₹ 15,000.00	₹ 15,000.00	7 15 000 00	7 88,000.00	₹ 30,000.00	₹ 30,000.00	₹ 67,000.00	₹ 67,000.00	₹ 24,000.00	₹ 25,500.00	NA	₹ 45,000.00	₹ 12,000,00	₹ 19,800.00	₹30,000.00	₹ 30,000.00	NA	AN	₹ 83,000.00	₹83,000.00	₹83,000.00	₹ 16,000.00	₹ 40,000.00	Hostel Fee(annually)	The state of the s
		₹ 45,000.00	₹ 45,000.00	AN	NA	NA	NA	NA	₹ 52,000.00	₹ 52,000.00	NA	NA	NN	₹ 42,000,00	\$ 5,000,00	₹ 42,000.00	₹ 42,000.00	₹ 6,000.00	₹ 6,000.00	₹ 6.000.00	NA NA	NA NA	₹ 36,000.00	NA	WN	NA NA	NA.	NA	NA	₹ 30,000.00	₹ 30,000,00	₹ 30,000.00	₹ 39,000.00	NA	₹ 67,500.00	₹ 30,000,00	₹ 28,000.00	NA	NA	AN	NA	₹ 45,000.00	₹ 45,000.00	₹ 45,000.00	₹ 10,500.00	₹ 40,000.00	Mess fees	
4 100 000 00	₹ 2,55,000.00	₹ 45,000.00	₹3,02,000.00	₹ 4,59,750.00	₹8,59,750.00	₹ 2,71,750.00	₹0.00	₹ 2,54,755.00	₹ 9,50,000.00	₹3,31,250.00	₹0.00	₹ 1,58,000.00	₹0.00	₹3.27.000.00	\$ 77 30 \$69.00 \$ 2,08,000.00	₹ 12,96,921.00	₹ 2,58,000.00	₹ 7,71,265.00	₹ 5,63,552,00	₹1.04.200.00	00.058.0E.6.2	₹11,17,562.00	₹ 2,35,000.00	₹ 5,35,925.00	₹ 4,85,500.00	₹ 1.75.000.00	₹ 2,48,000.00	₹ 5,44,296.00	₹ 1,95,700.00	₹ 13,43,275.00	₹ 9,27,850.00	₹4,12,000.00	₹ 9.48.850.00	₹0.00	₹3,81,500.00	₹1,93,500.00	₹ 2,47,700.00	₹ 6,20,290.00	₹ 2,36,890.00	₹ 4,30,000.00	₹1,80,000.00	₹ 12,46,580.00	₹7,34,790.00	₹3,65,000.00	73.36.000.000	₹ 2,79,000.00	Total(annually)	
	NA	AN	₹1,60,000.00	nan	NA	₹ 2,04,750.00	NA	₹ 2,14,825.00	₹ 8,24,000.00	₹ 1,22,510.00	NA	NA	NA	NA	₹ 4.61 455 00	₹ 6,90,687.00	₹1,92,000.00	NA	AN	₹ 1.48.000.00	\$ 80 850 00	₹ 1,25,000,00	₹1,35,000.00	₹ 2,07,712.00		₹ 1 14 000 00	₹ 1,10,000,00	₹ 1,93,627.00	₹ 1,03,000.00	NA	NA	AN	₹8.80,350,00	NA NA	₹ 2,69,000.00	₹ 1,07,500.00	₹ 1,59,500,00	₹ 4,82,490.00	₹ 1,46,890.00	₹ 4,30,000.00	₹ 1,80,000.00	₹11,18,580.00	₹ 6,06,790.00	₹ 2,37,000,00	₹1,61,000.00	₹ 1,54,000.00	Tuition Fee + other fees(annually)	
	AN	NA	₹45,000.00	NA	AN	₹37,500.00	NA	₹ 39,930.00	₹ 65,000.00	₹ 65,000.00	NA	AN	NA	NA	\$ 22,000.00 \$ 27,000.00	₹ 24,000.00	₹ 24,000.00	AN	AN	₹ 28,500.00	2000	₹24,000,00	₹ 24,000.00	₹ 16,560.00		₹ 16.560,000,000	₹ 60,000,00	₹ 12,000.00	₹ 12,000.00	NA	NA	AN	₹ 25,500,00	NA	₹ 45,000.00	₹ 12,000.00	\$ 19,800,00	₹ 30,000.00	₹ 30,000.00	AN	AN	NA	NA	NA NA	VIX	₹45,000.00	Hostel Fee(annually)	Head Forman
		₹ 45,000.00	₹ 45,000.00	NA	NA	NA	AN	NA	₹ 52,000.00	₹ 52,000.00	NA	NA	NA	₹ 42,000.00	\$ 5,000.00	₹ 46,200.00	₹ 46,200.00	₹ 6,000.00	₹ 6,000.00	₹ 6,000,00	NA	NA	₹ 39,600.00	NA	AN	NA NA	NA NA	NA	NA	₹ 30,000.00	₹ 30,000.00	₹ 30,000.00	₹ 39,000.00	AN	₹ 67,500.00	₹ 30,000.00	₹ 28,000.00	NA	NA	NA	AN	₹ 45,000.00	₹ 45,000.00	₹ 45,000.00	₹ 10,500.00	₹ 40,000.00	Mess fees	
	₹ 0.00	₹ 45,000.00	₹ 2,50,000.00	₹ 0.00	₹ 0.00	₹ 2,42,250.00	₹ 0.00	₹ 2,54,755.00	₹ 9,41,000.00	₹ 2,39,510.00	₹ 0,00	₹0.00	₹0.00	₹ 42,000,00	7 4 88 455 00	₹ 7,60,887.00	₹ 2,62,200,00	₹ 6,000.00	₹ 6,000,00	₹ 1.82,500.00	7 8 80 850 00	₹ 5,77,510.00	₹ 1,98,600.00	₹ 2,24,272.00	₹0.00	₹ 1,70,000.00	₹ 1,70,000.00	₹ 2,05,627.00	₹ 1,15,000.00	₹30,000.00	₹ 30,000.00	₹ 30,000.00	₹ 2,23,500.00	₹0.00	₹3,81,500,00	₹ 1,49,500.00	₹ 2.07,300.00	₹ 5,12,490.00	₹ 1,76,890.00	₹ 4,30,000.00	₹ 1,80,000.00	₹ 11,63,580.00	₹ 6,51,790.00	₹ 2.82,000.00	₹ 1,87,500.00	₹2,39,000.00	Total(zonually)	

**Particulars** 

Estimated Expenditure for anticipated 4 Hostels @ 160 Anticipated Students

Estimated

**Estimated** 

Per Annum \* Estimated

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10tal Projected Fee Income (Anticipated 160 Students)	Total Bessel Total rees rroposed	Total Food I	Hostel Fee projected per student (for 204 Students)	Fees for Current Students	Estimates for Anticipated 204 Students (per Student)	Estimates for Anticipated 160 Students (per Student)	Total	Furniture	Additional Charges	Miscellaneous	Housekeeping and resident admin	Security	internet	electricity bill	Hostel Rent (per annum)	A MI MICHIGAL O	
Anticipated 160 Stude	roposed	ment (101 201 Studen	ident (for 204 Studen	nt Students	4 Students (per Stude	O Students (per Stude	₹9,33,958.33	₹ 2,50,000.00	₹13,958.33	₹ 50,000.00	₹1,20,000.00	₹ 37,500.00	₹ 62,500.00	₹1,00,000.00	₹3,00,000.00	Rate/Unit/Month	
ents)		(3)	1		ent)	ent)	₹ 1,12,07,500.00	₹ 30,00,000.00	₹ 1,67,500.00	₹ 6,00,000.00	₹ 14,40,000.00	₹ 4,50,000.00	₹ 7,50,000.00	₹ 12,00,000.00	₹ 36,00,000.00	Rate/Unit/Year	
₹6,87,60,800.00	₹ 4,29,755.00	₹ 2,19,/55.00	***************************************	00 000 01 6 ≩	₹2,19,754.90	₹2,80,187.50	₹ 4,48,30,000.00	₹ 1,20,00,000.00	₹ 6,70,000.00	₹ 24,00,000.00	₹ 57,60,000.00	₹ 18,00,000.00	₹ 30,00,000.00	₹ 48,00,000.00	₹ 1,44,00,000.00	4 Hostels	
₹ 25,49,265.00	₹8,49,755.00	₹2,19,755.00	7 0,30,000.00	₹6.30,000,00	For Foreign Nationals (Anticipated 3)												
₹ 42.39.020.00	₹ 10,59,755.00	₹2,19,755.00	₹8,40,000.00	To to controlled the	For Foreign Nationals (Anticinated A)												

	Annexure 3 Budget for the year 2024-	2025
SI No	Head	Total Amount
1	Personal Cost	134200000
2	Administrative Cost	116800000
3	Training Cost	8000000
4	Fixed Assets	106000000
5	Infrastructure and Civil Works	65000000
6	Corpus Fund	10000000
	Total	440000000

## Break-up of Expenditure

#### a. Personal Cost

SI No	Head	Total Amount
	1 Salary of Faculty	88200000
	2 Salary of Administrative Staff	46000000
	Total	134200000

#### b. Administrative Cost

SI No	Head	<b>Total Amount</b>
1	Professional Fees	32500000
2	Rent	18000000
3	Wages	2500000
4	Travelling Expenses	14000000
5	POL	4000000
6	Advertisement	2000000
7	Need Based Scholarship	2000000
8	ERP Maintenance	1500000
9	BCI Registration, UGC Fees	3000000
	Medical	2000000
11	Lease Lines	7000000
12	Repair and Renovation	15000000
13	Honorarium	4000000
14	Electricity & Electricity Infrastructure	6800000
	Miscellaneous	1000000
16	Office Expenses	1500000
	Total	116800000

#### c. Training

SI No	Head	Total Amount
1	Outreach/ Seminar/ Conference Progra	8000000
	Total	8000000

#### d. Fixed Assets

SI No	Head	Total Amount
1	Library Books	50000000
2	Furniture & Fixtures	50000000
3	Vehicle- Wingers	6000000
	Total	106000000

#### e. Infrastructure & Civil Works

SI No	Head	Total Amount
1	IT Infrastructure for Classroom & Office	
2	Auditorium	15000000
	Total	65000000

#### f. Corpus Fund

Head	Total Amount
1 Corpus Fund	10000000
Total	10000000
	1 Corpus Fund

## Annexure 4.1 Tax Consultant

## **LETTER OF ENGAGEMENT**

In the interest of the University, Mrs Jyoti Chettri, Practising Company Secretary, is hereby engaged as Consultant of National Law University, Shillong on retainership basis for a period of 4 months from 1 December 2023 to 31st March 2024 which may further be extended on performance and mutual consent.

During the period of engagement, Mrs Jyoti Chettri, FCS will be paid professional fees of Rs 1,50,000/- (Rupees One Lakh Fifty Thousand) plus GST as applicable for the whole assignment. Any incidental / operational expenses including travel expenses which will be associated with the rendering of services will be borne / incurred by NLU. The contract shall be regulated as per the terms and conditions, attached and incorporated in the letter of engagement. This is purely a contractual assignment and no claim whatsoever can be made for any official position within the Government or any organisation under it in the future.

#### Terms and Conditions:

- Your assignment fee is Rs 1,50,000/- (Rupees One Lakh Fifty Thousand) plus Goods & Service Tax as applicable from time to time. The payment will be done on the basis of invoices raised on a monthly pro-rata basis.
- TA / DA outside Shillong for official purpose as and when required will be borne by NLU. Boarding and Lodging during actual period of official travel will be admissible as rates for Category 1 staff at NLU.
- 3 Your appointment of retainership is temporary in nature which may be terminated with 1 month of notice from either side.
- You will be liable for TDS as per the provisions of Income Tax Act.
- You shall not at any time during or after the contract period communicate with any person or entity any information acquired during the period and marked as "Confidential" without the prior express consent of the authorised representation of NLU.
- In addition to above, list of duties to be looked into by the Consultant is enclosed at Annexure A.
- If the above terms and conditions are acceptable to you, please return the duplicate copy of this letter attached herewith on or before 01.12.2023 and report for duty on the forenoon on the same day.

#### Annexure - A

## List of duties to be looked into by the Consultant

- 1. Apply for new pan card and surrender the old one.
- 2. Apply for FCRA registration.
- 3. Apply for new GST TDS registration and surrender the old one.
- 4. TDS Income tax registration
- 5. TDS Income tax fillings
- 6. NPS registration
- 7. Income Tax return filling.
- 8. Providing Form 16 to the employees.
- 9. CSR registration.
- 10.GST TDS returns fillings.
- 11. Providing Form 16A to the vendors.
- 12. FCRA Return fillings from time to time.
- 13. Return for Tax Exemption.
- 14. Anything related with incoming and going out of funds for foreign remittance

## Annexure 4.2 Finance Consultant

#### LETTER OF ENGAGEMENT

In the interest of the University, Shri Shyam Chettri, Practising Chartered Accountant, Shillong is hereby engaged as Consultant of National Law University, Shillong on retainership basis for a period of 4 months from 1 December 2023 to 31st March 2024 which may further be extended on performance and mutual consent.

During the period of engagement, Shri Shyam Chettri ,FCA will be paid professional fees of Rs 1,75,000/- (Rupees One Lakh Seventy Five Thousand) plus GST as applicable for the whole assignment. Any incidental / operational expenses including travel expenses which will be associated with the rendering of services will be borne / incurred by NLU. The contract shall be regulated as per the terms and conditions, attached and incorporated in the letter of engagement. This is purely a contractual assignment and no claim whatsoever can be made for any official position within the Government or any organisation under it in the future.

#### Terms and Conditions:

- Your assignment fee is Rs 1,75,000/- (Rupees One Lakh Seventy Five Thousand) plus Goods & Service Tax as applicable from time to time. The payment will be done on the basis of invoices raised on a monthly pro-rata basis.
- 2 TA / DA outside Shillong for official purpose as and when required will be borne by NLU. Boarding and Lodging during actual period of official travel will be admissible as rates for Category 1 staff at NLU.
- Your appointment of retainership is temporary in nature which may be terminated with 1 month of notice from either side.
- You will be liable for TDS as per the provisions of Income Tax Act.
- You shall not at any time during or after the contract period communicate with any person or entity any information acquired during the period and marked as "Confidential" without the prior express consent of the authorised representation of NLU.
- In addition to above, list of duties to be looked into by the Consultant is enclosed at Annexure A.
- If the above terms and conditions are acceptable to you, please return the duplicate copy of this letter attached herewith on or before 01.12.2023 and report for duty on the forenoon on the same day.

#### Annexure - A

## List of duties to be looked into by the Consultant

- 1. Preparation of cash book, ledger book etc till 31.03.2024
- 2. Preparation of financial statement for 2022-2023
- Budget preparation
- 4. Fixed asset registers
- 5. Guiding in preparation of stock book
- 6. Providing assistance in creating GL Code for all expenses
- 7. Payroll calculations
- 8. Maintenance of voucher files
- 9. Bank Reconciliation Statement
- 10. Preparation of challans for tax deposit
- 11. Guiding in ERP Customisation
- 12. Checking all bill before processing and provide guidance
- 13. Tax and GST report for FY 2023-24

#### Annexure 5

#	Particulars	Total Cost	Remarks
1	Furnishing Items & Materials	₹48,45,152.00	
2	Renovation and Repair - Supply, Installation, testing & Commissioning of AV Equipment, VCF, Network etc	₹ 2,28,64,066.00	Furnitures, Blinds, Carpets etc
3	Renovation and Repair - Supply, Installation, Electrical Fittings tec	₹ 16,08,919.00	
	Total	₹ 2,93,18,137.00	

M.: 9862053576 8729886613

(Govt. Approved Supplier & Regd. Contractor)

Statoinery Articles • Misc. Articles • Modular Furnitures • Office Furnitures • Sports Goods Laboratory Chemicals • Glasswares • Laboratory Appliances Machineries • Weighing Scale Food Processing Equipments • Surgical Items • Welder • Electronics • Veterinary Equipments Plumber • Electrical Items • Diary Equipments • Packaging Solutions Etc.

Ref No.: RNE/QUO/2023-24/3516

Dated, 7th December 2023.

To,

Principal National Law University, Meghalaya Shillong

Sub:

**Quotation for Supply** 

Dear sir,

With due respect to the subject cited above, we would like to submit our rates for supply of Furnishing Items & Materials. Rate Quoted are inclusive of taxes and Installation charges

Particulars	Specification	Rate	Qnty	Amount
Podium	MX - WLA - 4500R	₹ 86,900.00	1 Nos	
Sofa set	Sofa Set (3+1+1) with wooden handle and leatherite seat and back Size (Three Seater): 1830mmx775mmx610mm Size (Single Seater): 830mmx775mmx610mm.	₹ 68,500.00	4 Set	₹ 86,900.00
Centre table	Centre table with glass top - size 90 cms. x 46cms.	₹ 6,500.00	4 Nos	₹ 26,000.00
Featherlite Stackable Chair	Genius Stackable Chair Powder Coated Legs Can be ganged for straight line. Colour: Black	₹ 12,600.00	120 Nos	₹ 15,12,000.00
Featherlite Folding Table	Cafe Fold - SS Legs ISO Top: Ø914 x H 740	₹ 29,120.00	15 Nos	₹ 4,36,800.00
Vertical Blinds	MAC Acoustic Muff Vertical Blinds Pam 4212 Noise Reduction - 49% Glare Reduction - 91% Thickness - 2.1mm Weight - 430gms Per Sqmtr Composition - 80% PVC 20% Polyester 43"x81" - 24 Nos	₹ 1,120.00	580.5 Sqft	₹ 6,50,160.00

Show Rasm: Synod Super Market, Room No.6 & 13, (First Floor) Mawkhar, Shillong-793002(Meghalaya) Head  $\Omega:$  5th Miles,Upper Shillong,Shillong-793009(Meghalaya) E-mail: rnenterprise.nongrum@gmail.com

M.: 9862053570 8729886613

(Govt. Approved Supplier & Regd. Contractor)

Statoinery Articles • Misc. Articles • Modular Furnitures • Office Furnitures • Sports Goods Laboratory Chemicals • Glasswares • Laboratory Appliances Machineries • Weighing Scale Food Processing Equipments • Surgical Items • Welder • Electronics • Veterinary Equipments Plumber • Electrical Items • Diary Equipments • Packaging Solutions Etc.

Ref No.: RNE/QUO/2023-24/3516

Dated, 7th December 2023

i e e e e e e e e e e e e e e e e e e e			Dated, 7th De	cember 2023.
Wall to Wall Carpets	CR02968, Shade No 08 With Backing of EPE Roll Foam	₹ 700.00	1	₹ 16,38,000.00
Skirting	Skirting 60 x 12mm	₹ 210.00	200 Pcs	= 10 000 co
Wall Skirting	Nose Profile	₹ 266.00	54 Pcs	₹ 42,000.00
	Door Profile	₹ 266.00		₹ 14,364.00
Fitting and	Vertical Blinds		8 Pcs	₹ 2,128.00
Installation Charges	Wall to wall Carpets	₹ 11,000.00	1 lump sum	₹ 11,000.00
and aridinal charges	Skirting	₹ 1,40,000.00	1 lump sum	₹ 1,40,000.00
	- many	₹ 11,800.00	1 lump sum	₹ 11,800.00
			Total	₹ 48,45,152.00

Thanking and assuring of our best services at all times.

Yours Faithfully

Show Resent: Synod Super Market, Room No.6 & 13,(First Floor) Mawkhar, Shillong-793002(Meghalaya) Head B: 5th Miles,Upper Shillong,Shillong-793009(Meghalaya) E-mail: rnenterprise.nongrum@gmail.com



NAME OF WORK: -

Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance & Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s).

ESTIMATED AMOUNT: - ₹ 24472985.00

NAME OF WORK: -

Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance & Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s)}.

ESTIMATED AMOUNT: -

₹ 24472985.00

#### REPORT

This Estimate amounting to ₹ 24472985.00 (Rupees Two Crore Forty-Four Lakh Seventy-Two Thousand Nine Hundred Eighty-Five) only has been framed to show the probable cost for Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance & Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s). The Renovation and Repair project for the Auditorium Hall (Dr. APJ Abdul Kalam Hall) at the National Law University (NLU) Temporary Campus in Mayurbranj, Shillong, Meghalaya, encompasses a comprehensive upgrade to enhance the facility's functionality and

## Electrical Fittings Supply and Installation:

Drawing and implementation of Main & Sub-Main Lines, Installation of Electrical Medium Voltage Switchgear, Deployment of Distribution Boards (DB's), Installation of Main & Sub-panel Boards, Setting up of Air Conditioning Audio-Visual Equipment Setup:

Supply, Installation, Testing & Commissioning of Audio-Visual Equipment, Integration of a state-of-the-art Video Conferencing System and Network infrastructure implementation to support audio-visual systems.

The renovation aims to transform the Auditorium Hall into a modern and technologically advanced space suitable for academic, cultural, and administrative events. The integration of advanced electrical systems ensures a reliable and efficient power supply to support the various electronic components within the facility.

The Audio-Visual Equipment and Video Conferencing System installations are geared towards enhancing the hall's capabilities for hosting presentations, seminars, and conferences. A robust network infrastructure will support seamless connectivity, facilitating effective communication and collaboration.

The project adheres to the highest standards of safety and efficiency in line with the requirements of a prestigious institution like the National Law University. Upon completion, the renovated Auditorium Hall will serve as a focal point for academic and cultural activities, providing an enriched experience for students, faculty, and visitors alike. The Supplying, Installation, Testing & Commissioning processes will be carried out with precision and attention to detail, ensuring the successful integration and functionality of all components within the specified timeline. The result will be a modernized and fully equipped Auditorium Hall contributing to the overall excellence of the

The Rate followed in the estimate is as per PWD Schedule of Rate for internal and external electrification works in the State for 2021-22 and as per Quotation by Riwot-oo-susngi.

> Junior Engineer PWD **Electrical Division Shillong**

GENERAL ABSTRACT

Name of Work:- Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance & Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s).

Sl.No	Name of Work		
	Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance).	Amount (₹)	Remark
2	Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s).	22864066.00	
	mo-	1608919.00	
	TOTAL-	24472985.00	

(Rupees Two Crore Forty Four Lakh Seventy Two Thousand Nine Hundred Eighty Five) only.

Junior Engineer PWD **Electrical Division Shillong**  kenovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s).

		Wiring in looping system with copper cable 250/440 volt grade of size 1.5 sq approved quality using PVC casing concluiding 5 amperes switch Indian best coeiling rose etc. capable to a highest point	mm o	C of									3).	
		(a) Long point wiring upto 10mts		-										
2/		Wiring as in item No 1 complete to a list	t mlan	Qnty-	3	0 Nos	(	2)	₹ 2255.0	0	/-	each	₹	67650.0
		Point when fixed elsewhere with cont	tinous										+	07050.0
_	╄	cartif wire complete.	mious	1 1				1						
3/	-	(a)Long point wiring upto 10mts	-	Qnty-	24	Nos	+	1						
3/	1	Wiring to a power plug as in item No. 1	above	Z.i.j		INOS	(0	4	2625.00	)	/-	each	₹	91875.00
_	$\vdash$	with common earth wire complete						1						
4/	-	(a)Long point wiring upto 10mts		Qnty-	20	Nos	10	1	3628.00		,		$\perp$	
	1 1	Drawing of Main and Sub-main line	with			1		+	3028.00	_	/-	each	₹	72560.00
		DGSD approved VIR or PVC 250/440 grade in PVC casing capping complete with accessories	Volt	- 1										
		accessories.	th all	- 1							- 1			
		(a)With 2×2.5mm <sup>2</sup> Copper Conductor	-					1			- 1			
$\neg$		(b) With 2×4mm² Copper Conductor		Qnty-	400	Mtrs	@	₹	230.00		/-	n/mtr	7	92000.00
1	10	Drawing of 3 phase in the conductor	-	Qnty-					283.00					
-		Drawing of 3 phase main line 4 wire DGSD approved VIR or PVC cable 660	with				_	+	-00.00		<del>/- </del>	J/IIILE	<	67920.00
- 1		grade Copper Conductor in casing capp	volt	- 1				1			- 1			
		with all accessories	oing	1					*					
		(d)With 4×10mm <sup>2</sup> Copper Conductor	_		_									
7	52	Supplying & fixing of Load Konta	_	nty-	10	Mtrs	@	₹	987.00		/- In	/mtr	∌ (	870.00
	1	Miniature Circuit Breakers DX3 MCB's	ket								P	ALICE	` '	870.00
		AC application till 63 A	ior	- 1		- 1					1	- 1		
1		A. Single pole 240/410 V	+	-	+	_	_							
+	((	b)6-32 Amp	0	nty-	4012	,		_						
1	53 5	upplying fitting and fixing of DX3 Isolate	ors	iity-	40 N	vos (	<u>a</u>	₹ 4	107.00	/-	- ea	ch ₹	1	6280.00
+	- 4	AC applications upto 125 A		- 1	- 1		-							
+	- A	. Double pole 240 V	$\top$		+	$\rightarrow$	+	_			1			
+		e)63 Amp	Qr	nty-	1 N	0 6	n   3	FQ	76.00		_			
	(6	. Four pole 415 V )63 Amp			7	-	+	. 0	70.00	/-	ea	ch  ₹	87	6.00
+	57 S	applying fitting and fixing of Moulded car	Qr	ity-	3 N	os (a	2  ₹	1	543.00	/-	-	L =	-	
+	-   -	prising many and fixing of Moulded car	92		_	-	7		5 15.00		ead	on R	46	29.00
+	CI	cuit Breaker (MCCDa) as a cui	30	1		- 1					1	- 1		
	lo.	Cult breaker (MCCBs) of the following	ıg								1			
	Ai	np capacity (MCCBs) of the following	ng							-				
	A:	np capacity  With breaking Capacity of 16 kA	ng									$\perp$		
	A. (iii	mp capacity  With breaking Capacity of 16 kA  Four Poles  80-100 Amp	ng									+		
	A. (iii (b) 59 Su	mp capacity  With breaking Capacity of 16 kA  Four Poles  80-100 Amp  pplying fitting and fixing of Distribution	Qnt	у-	2 No	os @	₹	71	16.00	/-	eac	h  ₹	143	232.00
	A. (iii (b) 59 Su Bo	with breaking Capacity of 16 kA  Four Poles  80-100 Amp  pplying fitting and fixing of Distribution and SPN DB's for MCB. Isolator, P.C.O.	Qnt	y-	2 No	os @	₹	71	16.00	/-	eac	h ₹	142	232.00
	A. (iii (b) S9 Su Bo and	with breaker (MCCBs) of the following capacity  With breaking Capacity of 16 kA  Four Poles  80-100 Amp  pplying fitting and fixing of Distribution ard SPN DB's for MCB, Isolator, RCCB	Qnt	y-	2 No	os @	₹	71	16.00	/-	eac	h ₹	142	232.00
	A. (iii (b) So Su Bo and A.	with breaker (MCCBs) of the following capacity  With breaking Capacity of 16 kA  Four Poles  80-100 Amp  polying fitting and fixing of Distribution and SPN DB's for MCB, Isolator, RCCB  RCBO  IP 30 - #1K 08	Qnt	cy-	2 No	os @	₹	71	16.00	/-	eac	h  ₹	142	232.00
	Ai (iii (b) 59 Su Bo and A. (a)	with Breaker (MCCBs) of the following capacity  With breaking Capacity of 16 kA  Four Poles  80-100 Amp  pplying fitting and fixing of Distribution and SPN DB's for MCB, Isolator, RCCE  RCBO  IP 30 - #1K 08  4 Way + 4 Module	Qnt										142	232.00
	A. (iii (b) 59 Su Bo and A. (a) (c)	With breaking Capacity of 16 kA  Four Poles  80-100 Amp  pplying fitting and fixing of Distribution ard SPN DB's for MCB, Isolator, RCCF  RCBO  IP 30 - #1K 08  4 Way + 4 Module  12 Way + 12 Module	Qnt Qnt	y- 2	Nos	s @	₹	15:	30.00	/- 6	each	1 ₹ :	306	0.00
	Ai (iii (b) 59 Su Bo and A. (a) (c) B. J	with Breaker (MCCBs) of the following capacity  With breaking Capacity of 16 kA  Four Poles  80-100 Amp  pplying fitting and fixing of Distribution and SPN DB's for MCB, Isolator, RCCE  RCBO  IP 30 - #1K 08  4 Way + 4 Module	Qnt	y- 2		s @	₹	15:		/- 6		1 ₹ :	306	

110/	1 6	64 Supplying fitting and fixing of LED Ba	. 1					7.0					18	19
		surface or wall mounted with all necess accessories.	tten											
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		(a) With polycarbonate housing & integra	ted			1	+	+				+		
-	-	electronic driver.										1		
11/	1	(iii) 20W (1150x25x40) mm	Qı	nty-	9	Nos	10	0	₹ 679.	00	1	eacl	× (11)	
11/	1 0	6 Supplying fitting and fixing of LED PAN	EI			1	10	7	. 0//.	-	/-	eaci	h ₹ 6111	.00
		LIGHTING surface or wall mounted with	all			1		1						
	-	necessary accessories.				1	1	1				1		
	1	(c) 2X2 (595x595x70) mm recess mounti	ing	1			+	+				-		
		luminaire suitable for ceiling.	1	- 1		1		1				1		
-	-	(ii) 34W						1						
	-		Qn	ty-	32	Nos	@	₹	5382	.00	/-	each	₹ 1722	24.00
		(e) (SURFACE) LED flat panel for surfa	ce				T	Ť				Caci	1/22	24.00
	_	mounting										1		
12/	6'	(i) 1X1 15W (300x300x70) mm	Qn	ty-	5	Nos	@	₹	2703.	00	/-	each	₹ 1351:	5.00
2	0	Supplying fitting and fixing of LE	ED				1	$^{\dagger}$				Cacin	1331.	5.00
		DOWNLIGHTS surface or wall mounted wi	ith					1						
		all necessary accessories.												
		h) Track Lights with luminous intensi	ty					†				_		_
		levels from 1500-3500 lumen which is the	100					1						
		perfect alternate to conventional Hid lamp	s.											
		suitable for 3 circuit-4 wire universal track	s.		- 1		1							
+		(iii) 35W Die 00 I									- 1			
-		(iii) 35W Dia 90 mm, Length 216 mm, Heigl 222 mm	ht		T		Т				$\neg$		+	
+		(iv) Track Accessories	Qnt	y-	4 1	Nos	@	₹	8637.0	00	1-	each	₹ 34548	00
+	-	(ii) 2 Mtr			T						-		1 34340	.00
3/	79		Qnt	y-	1 1	No	@	₹	6112.0	00	1-1	each	₹ 6112.0	10
"	/0	Supplying fitting and fixing of STREE	Г		T								1 0112.0	10
		LIGHT surface or wall mounted with a necessary accessories.	11											
		accessories.									- 1			
$\top$		(b) LED street light made up of pres\\iniun	+-		4									
1	- 1	housing with high power led as lighting source	n											
1		and lens embedded PC cover having protection	e			1							1	
1	l.	and impact resistance with 10KV Built-in surge	n		1									
	1	Protection device.	8				- 1				- 1		1	
+	_		1			- 1					- 1			
1	19	(v) 48W suitable for pole dia Ø 43 mm (max).			$\top$		$\dashv$	-		-	+			
+	05/		Qnty.	-	6 N	los l	a	₹ 4	5911.00	)	/- e	aab	# 25466V	
	8/13	Supplying fitting and fixing of exhaust fan			+		4	•	7711.00		1-  6	acii	₹ 35466.0	)0
	le	louble bearing self lubricating type single												
1				- 1		- 1								
	Į.	hase 50Hz 250V AC operated complete with		1	1	- 1	- 1							
	s	mase 50Hz 250V AC operated complete with upporting frame, fan blades, nuts and bolts					- 1							
	s	whase 50Hz 250V AC operated complete with upporting frame, fan blades, nuts and bolts and other petty accessories as required.												
	s	upporting frame, fan blades, nuts and bolts nd other petty accessories as required.												
	a (I	upporting frame, fan blades, nuts and bolts nd other petty accessories as required.  b) Heavy Duty Exhaust Fan:					_	_			_			
	a (i	upporting frame, fan blades, nuts and bolts nd other petty accessories as required.  b) Heavy Duty Exhaust Fan:  ) 300 mm (12"X1400 RPM)	Qnty-		l No	0 (0	@ ₹	3	278.00		/- ea	ich	₹ 3278.00	
	(i 97 P	upporting frame, fan blades, nuts and bolts nd other petty accessories as required.  b) Heavy Duty Exhaust Fan: ) 300 mm (12"X1400 RPM)  roviding laying connection testing 80	Qnty-		l No	0 (	@ ₹	3	278.00		/- ea	ich	₹ 3278.00	
	(i (i 97 P	upporting frame, fan blades, nuts and bolts nd other petty accessories as required.  b) Heavy Duty Exhaust Fan:  c) 300 mm (12"X1400 RPM)  roviding laying connection testing & commissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium	Qnty-		l No	0 (	@ ₹	3	278.00		/- ea	ich	₹ 3278.00	
	(i (i 97 P	upporting frame, fan blades, nuts and bolts nd other petty accessories as required.  b) Heavy Duty Exhaust Fan:  c) 300 mm (12"X1400 RPM)  roviding laying connection testing & purmissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium conductor as per ISI code in bracket transhes.	Qnty-		1 No	0 (	@_₹	3	278.00		/- ea	ich	₹ 3278.00	K.
	(i) (i) (i) 97 P	upporting frame, fan blades, nuts and bolts nd other petty accessories as required.  b) Heavy Duty Exhaust Fan:  c) 300 mm (12"X1400 RPM)  roviding laying connection testing & mmissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium anductor as per ISI code in bracket, trenches, S. cable rods and including the cost of discipled	Qnty-		1 No	0 (	@ ₹	3	278.00		/- ea	nch	₹ 3278.00	
	(i) (i) (i) 97 P	upporting frame, fan blades, nuts and bolts nd other petty accessories as required.  b) Heavy Duty Exhaust Fan:  c) 300 mm (12"X1400 RPM)  roviding laying connection testing & mmissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium and conductor as per ISI code in bracket, trenches, .S. cable rods and including the cost of digging it trenches, sand cushioning with laying etc. and	Qnty-		l No	0 (	@ ₹	3	278.00		/- ea	ich	₹ 3278.00	
	(i) (i) (i) 97 P co	upporting frame, fan blades, nuts and bolts nd other petty accessories as required.  b) Heavy Duty Exhaust Fan:  ) 300 mm (12"X1400 RPM)  roviding laying connection testing & commissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium onductor as per ISI code in bracket, trenches, i.s. cable rods and including the cost of digging trenches, sand cushioning with laying etc and filling the same in layers or by supporting them.	Qnty-		1 No	0 (	@ ₹	3	278.00		/- ea	ich	₹ 3278.00	
	(i) (i) (i) 97 P co	upporting frame, fan blades, nuts and bolts nd other petty accessories as required.  b) Heavy Duty Exhaust Fan:  c) 300 mm (12"X1400 RPM)  roviding laying connection testing & mmissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium anductor as per ISI code in bracket, trenches, S. cable rods and including the cost of discipled	Qnty-		1 No	0 (	@ ₹	3	278.00		/- ea	ich	₹ 3278.00	
	(i) (i) (i) 97 P CO P' CO M of re- in	phase 50Hz 250V AC operated complete with upporting frame, fan blades, nuts and bolts and other petty accessories as required.  b) Heavy Duty Exhaust Fan:  c) 300 mm (12"X1400 RPM)  roviding laying connection testing & commissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium and the cost of digging trenches, sand cushioning with laying etc and filling the same in layers or by supporting them walls and all other accessories as required.	Qnty-								/- ea	ich	₹ 3278.00	
	((i) (i) (i) (i) (i) (i) (i) (i) (i) (i)	upporting frame, fan blades, nuts and bolts and other petty accessories as required.  b) Heavy Duty Exhaust Fan:  ) 300 mm (12"X1400 RPM)  roviding laying connection testing & commissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium conductor as per ISI code in bracket, trenches, i.s. cable rods and including the cost of digging trenches, sand cushioning with laying etc and filling the same in layers or by supporting them walls and all other accessories as required.	Qnty-	70	Mt		₹		278.00				₹ 3278.00	

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16/	13:	2 Supplying fitting & fixing of A.C. with		_		_						18/20
		heating and cooling facility including supply of all necessary accessories as required for installation of Air Conditioner (AC)	4									
		(b) 2 ton capacity	0.1		_	$\perp$						2
17/	140	Supplying fitting and fixing of Copper	Qnty-	-	Nos	@	! ₹	106112.00	/-	each	₹	636672.00
		& copper base plate at the bottom complete									T	*
_		(a) With 3ft high Copper rod	Qnty-	<u> </u>	ļ.	Ļ	$\perp$					
8/		Supply fitting and fixing of MFE 40, G.I Chemical Earthing electrode filled with CMM and Back fill compound (BFC)		1	Nos	@	₹	17060.00	/-	each	₹	17060.00
		(a) Diameter: 50mm I and 2	_								1	
9/	154	Supplying fixing connection testing of 8SWG	Qnty-	4	Nos	@	₹	24179.00	1-	each	₹	96716.00
	- 1	wire along the wall, columns etc, with necessary clamping as required									Ì	20710.00
		(a) With copper wire										
		, , , , , , , , , , , , , , , , , , , ,	Qnty-	25	Mtrs	@	₹	155.00	/-	p/mtr	₹ :	8875.00
		(Rupees Sixteen Lakh Eight Th								(T)-	_	608919.00

(Rupees Sixteen Lakh Eight Thousand Nine Hundred Nineteen) only.

Junior Engineer PWD Electrical Division Shillong

## SHRI RIWOT-O. SUSNGI

QUOTATION

MAWLAI SYLLAIKARIAH, SHILLONG, MAWLAI,	Fact Vhaci Lilla	M 1 1	
GSTIN: 17AVORS9211F172	Last Kilasi Hills,	wegnalaya,	793017

GSTIN: 17AYQPS8211F1Z2	This, Wegnalaya, 793017					
	State: Meghalaya / State Code: 17					
Buyer:	Quote No.: RS/S/22-23/0026	02 December 2023				
	Date of Revision:	11 December 2023				

To The Registrar

National Law University of Meghalaya

Address: Mayurbhanj Complex, Nongthymmai, Shillong - 793014

Contact No.:

E-mail:

Destination: Shillong Delivery Date:

Other Ref.: Auditorium - National Law University of Meghalaya

Transportation / Service Mode: Self Place of Supply / Service : Shillong

OPTION 1: with 98" inch Interactive Display Panel

PROJECT: Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance.

-	Part - A : PRODUCTS W	/ITH SEI	RVICES			
Sr. No.	Particulars	QTY	иом	Rate Excl. of GST	GST	- Amount
	Audio Solution - (Input: Microphones)		++	ENG! 07 031	%	Excl. of GST
1	Supply, Installation, Testing & Commissioning of Beamforming microphone with True Frequency Invariant Beamformer:  Beamforming microphone with True Frequency Invariant Beamformer: Gain response is unvarying across frequency, Beamwidths: 35o, 45o and 55o with Frequency Invariance, Beamforming Range: 100 Hz to 20 KHz, Deep Sidelobes: Down to 45 dB of depth, Beam Pointing Accuracy: 0.2 dB, Dynamic Range: 20 Hz to 20 KHz, > 70 dB, Number of Beams: Up to 12  Room Patterns: Full Circle/Square, Rectangular, Semi-Circle/ Classroom, Custom Beams Preferred Make: CLEARONE / SHURE / SENNHEISER/ EQUIVALENT OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.: BMA 360/ Any Equivalent model	6	Nos	₹ 6,74,593.92	18%	₹ 40,47,563.5
1.1	Supply, Installation, Testing & Commissioning of 36 watts POE injector for above ceiling tile microphone Preferred Make: CLEARONE / SHURE / SENNHEISER/ EQUIVALENT OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 36W POE / Any Equivalent model	6	Nos	₹ 26,013.00	18%	₹ 1,56,078.00
- 1	Supply, Installation, Testing & Commissioning of 18" Cardiold Gooseneck Microphone with Preamp: Features  Desktop base with 10' attached cable is ideal where permanent installation is impractical  Programmable on/off switch and LED on/off indicator  Bright LED improves visibility under strong ambient lighting  Wide dynamic range and frequency response for accurate sound reproduction across the audio spectrum  Interchangeable cartridge design lets you choose the right polar pattern for every application  Balanced transformeriess output for increased immunity to noise over long cable runs  Logic input and output terminals for remote control or use with automatic microphone mixers  Snap-fit foam windscreen included  Preferred Make: SHURE / SENNHEISER / BEYERDYNAMIC  OEM PRODUCT WARRANTY: 2 +1 Years  Ref. Model No.: MX418D/C / Any Equivalent model	1	Nos	₹ 34,942.88	18%	₹ 34,942.88

FECA	Supply, Installation, Testing & Commissioning of Integrated low Impedance Class D Amplifier with output of 2 x 50 W @ 4 \(\Omega\$) 2 x 25 W @ 8 \(\Omega\$).  Trequency Response -40 Hz - 20 kHz (+0/-3 dB, @ 1 W reference 1 kHz); THD+N - \$0.3 % (at full ated power); Channel Separation (Crosstalk) - \$-60 dBV (below rated power, 1 kHz); A/D and D/A Converters - 24-bit / 48 kHz; Audio Latency - 10.4 ms - (any Input to speaker output or aux output); asximum Input Level: +10 dBV or better. 1 balanced page Input, I balanced mic/line Input, 2 nbalanced line; built in loudspeaker EQs.  Treferred Make: L ACOUSTIC / D&B AUDIOTECHNIK / BOSE / QSC  ef. Model No.: IZA250-LZ/ Equivalent	8	Nos	₹ 73,568.43	18%	₹5,88,547.46
	Supply, Installation, Testing & Commissioning of Compact 2 way 3.25-4" in-ceiling Loudspeaker: Frequency range (-10dB) of 75Hz to 20kHz; Power handling of 100Watt peak; Nominal dispersion of 120 conical; Sensitivity of 83 dB SPL and Max SPL of 103 dB SPL peak; Nominal Impedance 8 Ohms; Integral multi-tap Transformer with tap settings of 6/12/24W @ 100V or better. with Powder-coated magnetic steel grill; Standard accessories for ceiling flush installs shall be included.  Area: Stage and Audlence area  Preferred Make: L ACOUSTIC / D&B AUDIOTECHNIK / BOSE / QSC  Ref. Model No.: DM3C / Equivalent	16	Nos	₹ 25,078.63	18%	₹ 4,01,258.00
ii.	AUDIO- CONFERENCE					
11	TOTAL OF PART: I- Exclusive of GST.  Audio Solution - (Output: Speakers)	₹ 47,40,7	32.63			
9	Supply, installation, Testing & Commissioning of Coaxial Antenna Cable 50' Feet: 50-foot coaxial cable is for use below 1GHz. Preferred Make: SHURE / SENNHEISER / BEYERDYNAMIC OEM PRODUCT WARRANTY: 2 +1 Years Ref. Model No.: UA850 / Equivalent	2	Nos	₹ 13,532.81	18%	₹ 27,065.6
8	Supply, Installation, Testing & Commissioning of Wall-Mounted Wideband Antenna: Wideband UHF frequency range ensures compatibility with most receivers Up to 100 degrees coverage pattern (3dB beam width, region dependent) Four-position RF gain switch with pad/boost (-20, -10, 0, +10 dB) Attached BNC cable for surface or through-wall cable routing options Low-profile design Metal surface mounting capability Neutral white, paintable housing Preferred Make: SHURE / SENNHEISER / BEYERDYNAMIC OEM PRODUCT WARRANTY: 2+1 Years Ref. Model No.: UAB64A /Equivalent	2	Nos	₹ 55,984.6(	D 18%	₹ 1,11,969.
7	Supply, Installation, Testing & Commissioning of In-Line Power Adapter: In-line power adapter supplies 12V DC bias power over a coaxial cable and supports up to 3 active antenna devices. Preferred Make: SHURE / SENNHEISER / BEYERDYNAMIC OEM PRODUCT WARRANTY: 2 +1 Years Ref. Model No.: UABIAST-IN / Equivalent	2	No	\$ ₹10,309.6	60 18%	₹ 20,619.
***	Supply, Installation, Testing & Commissioning of Digital Wireless Handheld dynamic supercardiold microphone with receciver:  Features:  Digital Wireless Handheld dynamic supercardiold microphone with receciver, mic frequiers of the 16,000 Hz, 24-bit digital audio, 20 Hz to 20 kHz transmitter frequency range, Automat channel scan, rechargeable battery lithium-ion" RF Output Powe 1 mW/10 Mw, Tuning bandwidth 44 MHz Maximum Input Level 8.2 dBV, metal construction frequency band 32 available channels per frequency compatible systems Up to 10/12 compatible systems per 6MHz/8MHz dynamic range 118 dB RF Carrier Frequency Range 470–937.5 MH Working Range 100 m (328 ft) RF Sensitivity –97 dBm Latency 3.2 ms, Battery Type Rechargeable Li-1 or AA Battery Life Up to 8 hours, THD <0.02%, Wireless reciever Housing Galvanized Steel, Digital predictive switching diversity, receivers over scan and IR sync, Remote monitoring an control, Phantom Power Protection, 1/4" (6.35 mm): Balanced, XLR: Balanced, Network Interface, Single Port Ethernet 10/100 Mbps, DHCP or Manual IP address impedance "50 0" Connector Type BNC Audio output "Gain Adjustment Range –18 to +42 dB " Mic/Line Switch 30 dB pad Maximum Cable Length 100 m (328 ft Power Requirements 15 VDC @ 600 mA Construction Rugged metal rack mount, Operating Temperature Range –18 "C to 50 "C. Preferred Make: SHURE / SENNHEISER / BEYERDYNAMIC OEM PRODUCT WARRANTY: 2 + 1 Years Ref. Model No.: SLXD24IN/B58/ Any Equivalent model	on 4	N	os ₹85,623	.55 18%	₹ 3,42,494

	Supply, Installation, Testing & Commissioning of Professional Headphone:  Area: Control Room Preferred Make: SHURE / SENNHEISER / D&B AUDIOTECHNIK / BOSE / QSC	1	No	₹ 37,881.7	8 18%	₹ 37,881.78
	TOTAL OF PART: II - Exclusive of GST.	₹ 10,27,	687.24		-	<del> </del>
11	li Central Control Unit - Audio System			<del>                                     </del>	+-	
1	Supply, Installation, Testing & Commissioning of Semi Digital mixer Digital mixer with Large (10-inch) multi-touch touchscreen offers a wealth of on-screen information while also providing confident hands-on control, Anti-Feedback and Room Tuning Wixards simplify complex equalization tasks, Two real-time analyzers (RTA) provide instantaneous display of channel tonal balance and room response, Touch-and-route patch matrix provide easy "multing" and rearrangement of inputs, 14 Aux mixes provide ample monitor configuration options, Eight sub- groups with 6-band full parametric EQ, variable high- and low-pass filters and limiter may be linked for stereo, A gain sharing Automatic Microphone Mixer is available for all 24 mic/line input channels, 32-channel direct-to-hard drive record/playback — capture and recall performances without the need for an external computer, 32-channel DAW interface with macOS® and Windows® computers allows for bidirectional I/O with popular workstation software, MP3 playback direct from USB.  Preferred Make: QSC/ Behringer/Allen & heath /Yamaha/ Midas/ Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: TouchMix 30 Pro / Equivalent	1	No	₹3,03,412.50	18%	₹3,03,412.50
2	Supply, Installation, Testing & Commissioning of Main audio controller with Input Frequency Response:  Main audio controller with Input Frequency Response, 20Hz to 20kHz @ +21dBu +0.05dB/-0.5dB, Input THD-N @ 1KHz, @ +21 dBu Sensistivity & +21 dBu input < 0.1%, EIN (no weightling, 20Hz to 20kHz) < -121dB, Input to Input Crosstalk @1kHz >110dB Typical, 90dB Max, Input Impedance (balanced) 5K Ohms Nominal, Input Sensitivity Range (1dB Steps) -39 dBu min to +21 dBu max, Phantom Power, 10mA per input max, Sampling Rate 48kHz, A/D – D/A Converters 24-bit.0Hz to 20kHz @ all settings80 2/-0.5 dB, Output THD 0.003%, +10 dBu Max output level, Output Crosstalk @1kh2 >100dB Typical, 90dB max, Output Dynamic Range >108dB, Output Impedance (balanced) 220 0hms, Output Level Range: (1dB Steps) -39 dBu min to +21 dBu max.  Preferred Make: QSC/ Behringer/Allen & heath /Yamaha/ Midas/ Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: Core 110F /Equivalent	1	No	₹ 5,78,550.00	18%	₹ 5,78,550.00
2.1	Supply, Installation, Testing & Commissioning of Q-SYS Software-based Dante 32x32 Channel License, Perpetual Praferred Make: QSC / Equivalent Ref. Model No.: SLDAN-32-P / Equivalent	1	No	₹ 1,14,796.50	18%	₹ 1,14,796.50
	Supply, Installation, Testing & Commissioning of Digital Signal Processor:  DSP with 12 inputs with AEC, 8 outputs, USB audio; GPIO, RS-232, IP control interfaces; and P-Link and C-Link expansion buses.Frequency Response: 20 Hz – 22 kHz @ +4 dBu, +/-0.5 dBu EIN (Equivalent Input Noise): 20 kHz BW, max gain, Rs = 150 Ω, -126 dBu,THD + N (Total Harmonic Distortion + Noise): 20 Hz – 22 kHz @ +4 dBu, line level, 0.006 % 20 Hz – 22 kHz @ -56 dBu, mic level, < 0.04 %, Dynamic Range: 20 Hz – 20 kHz @ 0 dB, > 105 dB, Crosstalk (Mic/Line): Channel to Channel, stimulus at 20 dBu to receptor at -56 dBu, 1 kHz, < -98 dB,Input Impedance: Balanced (line to ground), 2,2 kΩ, 1 %, Nominal Input Level: -65 dBu to 0 dB, 7 dB step coarse gain,Maximum Input Level: -65 dBu to 20 dBu, Phantom Power: 48 V, Impedance 6.81 kΩ,Output Impedance: Balanced (line to ground), 95 Ω, 1 %,Output Level: 0 dBu (Nominal), 20 dBu (Max), -40 dBu (Selectable) USB Audio - Port Type: USB-B connector Preferred Make: Clearone/ QSC / Bose/ Equivalent  DEM PRODUCT WARRANTY: 3 Years  Ref. Model No.: CONVERGE Pro 2 128 / Equivalent	1	No	₹ 5,58,250.00	18%	₹ 5,58,250.00

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4	Supply, Installation, Testing & Commissioning of Digital Signal Processor with DANT Support:  Multi-channel DSP with built-in support for Dante audio networking, VoIP conferencing Telco interface, and the latest audio DSP algorithms. "It should Supports SIP, Dante", 1 configurable mic/line audio inputs, 8 configurable mic/line audio outputs, built-in USB audio, and a Telco interface for POTS calls.Frequency Response: 20 Hz – 22 kHz @ +4 dd +/-0.5 dBu, EIN (Equivalent Input Noise): 20 kHz BW, max gain, Rs = 150 Ω, -126 dBu.Th + N (Total Harmonic Distortion + Noise): 20 kHz BW, max gain, Rs = 150 Ω, -126 dBu.Th + N (Total Harmonic Distortion + Noise): 20 Hz – 22 kHz @ +4 dBu, line level, 0.006 % -20 Hz – 22 kHz @ -56 dBu, mic level, < 0.04 %. Dynamic Range: 20 Hz – 20 kHz @ 0 dB, > 10 dB. Port Type: RJ-45 Gigabit Ethernet connectors for Primary and Secondary Ports Audio Digital Audio, 16 x 16 bidirectional channels Sample Rate: 48 kHz / 96 kHz.Sample Bit Depth: 24-Bit.AES67 Mode: Enabled through Dante controller software.Support: Control Status, Variable Voltage Control Power Pin: S VDC @ 350 mA Power Source.Input Impedance: Balanced (line to ground), 2.2 kΩ, 1 % Nominal Input Level: Adjustable -56 of 0 dB, 7 dB step coarse gain Maximum Input Level: -65 dBu to 20 dBu Phantom Power 48 V, Impedance 6.81 kΩ"  Preferred Make: Clearone/ QSC / Bose/ Equivalent OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.: CONVERGE Pro 2 128VTD / Equivalent	, a 2 2 Bu, D D 55 5: 1	No	ত ₹7,34,062	.50 18%	₹ 7,34,062.
	TOTAL OF PART: II - Exclusive of GST.	₹ 22,89	,071.50		+	
IV	Video Solutions-Display Panel and Screens -(Output)				+-	
1	Supply, Installation, Testing & Commissioning of 98" Inch Interactive Display Panel: Brightness: 390 nit (w/o Glass, Typ.) Multi Touch Point: 20 Points (Max.) Interface: HDMI (3, HDCP 2.2 / 1.4), Audio In, RS-232C In, RJ45 (LAN), USB 3.0 Type A (4), USB 2.0 Type A, USB Type C (USB-PD, DP-Alt, Mode) Preferred Make: LG / SAMSUNG / CHRISTIE / PeopleLink OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 98TR3PJ / Any Equivalent Model	1	No	₹ 12,94,280.0	0 18%	₹ 12,94,280.0
1.1	Supply, Installation, Testing & Commissioning of OPS: Intel Core i7 11th Gen 16GB DDR4 RAM, 512GB SSD WI-FI, Windows 11 Pro Preferred Make: SPECTRA / EQUIVALENT OEM PRODUCT WARRANTY: 3 Years Return to Bench Warranty	1	No	₹ 61,740.00	18%	₹ 61,740.00
2	Supply, Installation, Testing & Commissioning of 65" inch UHD Smart Signage Display: 65" USD, Brightness 400nits, Smart Signage, Embedded Content Management, Embedded Group Manager, Super Sign Control+, Welcome Image, Audio Out 10W +10W, Web OS4.0, Miracast, IR Out, USB, HDMI, LAN, wifi inbuilt Preferred Make: LG / SAMSUNG / CHRISTIE OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 65UR640S / Any Equivalent model	2	Nos	₹ 88,515.00	28%	₹1,77,030.00
-	Supply, Installation, Testing & Commissioning of 32" Hotel TV; Display. Inch: 32". Backlight Type: LED (Direct). Resolution: 1,920 x 1,080 (FHD). Brightness (cd/m²): 240; Inch: 32"; Backlight Type: LED Approved Make: LG / SAMSUNG / CHRISTIE OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 32LN660H / Any Equivalent model	1	Nos	₹ 21,262.50	18%	₹ 21,262.50
. 1	Supply, Installation, Testing & Commissioning of Customized Trolly Preferred Make: Custom	1	No	₹ 13,200.00	18%	241.00
	Supply, installation, Testing & Commissioning of Adjustable Mount Kit Preferred Make: BTECH / LEGRAND / Equivalent DEM PRODUCT WARRANTY: Standard Warranty as per OEM	2	Nos	₹ 16,530.00	18%	₹ 13,200.00
$\neg$	TOTAL OF PART:IV - Exclusive of GST.	₹ 16,00,57	$\sqcup$			

	Control System, AV Switching & Value Added Items				T	
1	Supply, Installation, Testing & Commissioning of Control system with real-time, preemptive multi-threaded/multitasking kernel: Control system with real-time, preemptive multi-threaded/multitasking kernel; Transaction-Safe Extended FAT file system; supports up to 10 simultaneously running programs, Ethernet 100/1000 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, industry-standard TCP/IP stack, UDP/IP, CIP, DHCP, SSL, TLS, SSH, SFTP, SDRAM 2 GB, Flash 8 GB, Memory CardSupports SD and SDHC cards up to 32 GB, COM x 3, IR x 8, IO x 8, USB (1) USB Type A connector, female USB 2.0 port for storage devices. Preferred Make: Crestron / Extron / Kramer / Equivalent OEM PRODUCT WARRANTY: 2 + 1 Years Ref. Model No.: CP-4 / Any Equivalent	1	No	₹2,47,500.0	0 18%	₹ 2,47,500
2	Supply, Installation, Testing & Commissioning of Control application with one user license.  Preferred Make: Crestron / Extron / Kramer / Equivalent  OEM PRODUCT WARRANTY: 2 + 1 Years  Ref. Model No.: Crestron-Tab / Any Equivalent	1	No	₹ 27,000.00	18%	₹ 27,000.
3	Supply and Configuration of iPad (10th Generation) with Case: Make: Apple Warranty: OEM Standard Warranty	1	No	₹ 43,351.40	18%	₹ 43,351.4
4	Supply and Commissioning of AppleCare+ Make: Apple SLA: OEM Standard SLA	1	No	₹7,007.42	18%	₹7,007.4
5	Supply and Commissioning of Dock Station / Stand of IPad Make: Apple	1	No	₹ 9,005.08	18%	₹ 9,005.0
6	Supply, Installation, Testing & Commissioning of 8 x 8 True 4K HDMI Matrix Switch with Interfaces 8 x HDMI, Impedance 100 Ω, Max Data Rate 18 Gbps (6 Gbps Per Lane). Max. Pixel Clock 600 MHz, Compliance HDMI (3D, 4K, Deep Color), HDCP 2.2 Compatible, Consumer Electronics Control (CEC), Max Resolution Up to Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4), EDID Mode: Default / Remix / Customized (EDID Wizard support), RS-232 control, Ethernet control. Preferred Make: Aten/4thewall/ Lightware/Liberty AV / Milestone/ Kramer OEM PRODUCT WARRANTY: 2 + 1 Years Ref. Model No.: VM0808HB / Any Equivalent	1	No	₹ 4,32,503.40	18%	₹ 4,32,503.4
7	Supply, Installation, Testing & Commissioning of Multiviewer with HDMI 2.0, HDCP 2.2 and HDCP 1.x compliant: Multiviewer with HDMI 2.0, HDCP 2.2 and HDCP 1.x compliant, Support 18Gbps video bandwidth, Input and output resolutions support up to 4K@60Hz, Support LPCM, AC3, DD+, DT3, DT3-HD, up to 7.1 audio channel, Seamless switching between input channels and combined multiple images on single UHD monitor, Up to 8 display modes: SINGLE, PIP, P8P (1), PBP (2), Triple (1), Triple (2), Quad (1), Quad (2), Seamless switching on single screen display mode, Fast switching on multiview display mode Preferred Make: Aten/ 4thewail/ Lightware/Liberty AV / Milestone/ Kramer OEM PRODUCT WARRANTY: 2 + 1 Years Ref. Model No.: SC-PSW0401-4K30/ Any Equivalent	1	No	₹ 2,73,000.00	18%	₹ 2,73,000.00
	Supply, Installation, Testing & Commissioning of True 4K HDMI Repeater with Audio Embedder and De-Embedder, Embeds audio to the HDMI output or de-embeds audio from the HDMI signal and outputs the extracted signal through an alternative audio systemSupports 4K / HDR formats: HDR10, HDR10+, Dolby Vision and Hybrid Log-Gamma (HLG). True 4K video quality – supports resolutions up to 4096 x 2160 @ 60Hz (4:4:4), HDMI (3D, Deep Color, True 4K); HDCP 2.2 compliant. Supports HDMI audio formats – LPCM 2.0, Dolby Digital 2.0, Dolby Digital 5.1 and DTS Digital 5.1. Max. Data Rate 18 Gps Max. Pixel Clock 600 MHz.  Preferred Make: Aten/4thewall/ Lightware/Liberty AV / Kramer DEM PRODUCT WARRANTY: 2+1 Years Ref. Model No.: VC882 / Any Equivalent	1	No	₹ 35,427.00	18%	₹ 35,427.00

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The control of the co		9	a long distance via one Cat 5e/6/6a cable, Interfaces 1 x HDMI Type A Female, Impedance 1000, Max Data Rate 10.2Gbps (3.4Gbps per lane), Max Pixel Clock 340 MHz, Compliance HDMI (3D, Deep Color, 4K) HDCP Compatible, Consumer Electronics Control (CEC), Max Resolutions / Distance Up to 4K@35m (Cat 5e/6) / 40m (Cat 6a), 1080p@60m (Cat 5e/6) / 70m (Cat 6a), 4K supported, 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0), 4096 x 2160 / 3840 2160 @ 30Hz (4:4:4).  Preferred Make: Aten/4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years		Pair	₹ 49,350.0	0 18%	₹ 5,42,850.00
Proferred Make: Annotation Annotation Annotation and Annotation an	u.	10	Max. Pixel Clock 340 MHz, Compliance 100 Ω, Max. Data Rate 10.2 Gbps (3.4 Gbps Per Lane), Max. Pixel Clock 340 MHz, Compliance HDMI (3D, Deep Color, 4K); HDCP Compatible, Max. Resolution Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4), Audio pass-through Preferred Make: Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years	4	No	₹ 16,919.70	18%	₹ 67,678.80
OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.; Custom  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality— Approved Make: Aten/ 4thewall/ Lightware/Liberty AV  OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.; Total (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality— 15 Approved Make: Aten/ 4thewall/ Lightware/Liberty AV  OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.; 22-7028+1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality— Ref. Model No.; 22-7028+1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality— 17 True 4K: 3 Meter  Ref. Model No.; 22-7028+1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality— Ref. Model No.; 22-7028+1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality— Ref. Model No.; 22-7028+1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality— Ref. Model No.; 22-7028+1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality— Ref. Model No.; 22-7028+1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, S		13	Proferred Make: Integrator / Equivalent OEM PRODUCT WARRANTY: 3 Years	2	Nos	₹ 12,967.50	18%	₹ 25,935.00
True 4K - 3 meter Approved Make : Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 2L-7021H / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality—Ref. Model No.: 2L-7021H / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality—Ref. Model No.: 2L-7022H-1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality—Ref. Model No.: 2L-7033H / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality—Ref. Model No.: 2L-7038H / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality—Ref. Model No.: 2L-7038H / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality—Ref. Model No.: 2L-7038H / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality—Ref. Model No.: 2L-7038H / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality—Ref. Model No.: 2L-7038H / Any Equivalent model		14	OEM PRODUCT WARRANTY: 3 Years	60	Mtr	₹551.25	18%	₹ 33,075.00
Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality – Approved Make: Aten/4 thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No. 21-70294-1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality – Approved Make: Aten/4 thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No. 21-70294 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality – Approved Make: Aten/4 thewall/ Lightware/Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 21-7058+1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality – Approved Make: Aten/4 thewall/ Lightware/Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 21-7058+1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality – Approved Make: Aten/4 thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 21-7058+1 / Any Equivalent model  TOTAL OF PART: III - Exclusive of GST			True 4K-1 meter Approved Make: Aten/4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years		Nos	₹ 1,258.48	18%	₹ 12,584.84
Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compilant, Superior video quality—Approved Make: Alten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 2L-7003H / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compilant, Superior video quality—Approved Make: Aten/ 4thewall/ Lightware/Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 2L-7005H-1 / Any Equivalent model  Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compilant, Superior video quality—Approved Make: Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 2L-7006H / Any Equivalent model  TOTAL OF PART: III - Exclusive of GST.	-	16	Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality – True 4K - 2 Meter Approved Make : Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years		Nos	₹ 1,489.90	18%	₹ 35,757.70
True 4K- 5 Meter Approved Make : Aten/ 4thewall/ Lightware/Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 2L-7D05H-1 / Any Equivalent model  Supply, installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compiliant, Superior video quality— True 4K- 10 Meter Approved Make : Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 2L-7D10H / Any Equivalent model  TOTAL OF PART: III - Exclusive of GST	ā.	17	True 4K-3 Meter Approved Make : Aten/ 4thewall/ Lightware/Liberty AV  OEM PRODUCT WARRANTY: 3 Years	3	Nos	₹ 2,007.84	18%	₹ 6,023.53
True 4K: 10 Meter Approved Make : Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 2L-7D10H / Any Equivalent model  TOTAL OF PART: III - Exclusive of GST		18	True 4K-5 Meter  Approved Make : Aten/ 4thewall/ Lightware/Equivalent  DEM PRODUCT WARRANTY: 3 Years	2	Nos	₹ 3,548.44	18%	₹7,096.88
TOTAL OF PART: III - Exclusive of GST.		19 T	rue 4K-10 Meter  pproved Make : Aten/ 4thewall/ Lightware/Liberty AV  DEM PRODUCT WARRANTY: 3 Years	2	No	₹ 8,474.38	18%	₹ 16,948.76
7.40,44.81	L	Т	OTAL OF PART: III - Exclusive of GST.	₹ 18,22,744	.81		+	

٧	Video Conferencing System with Streaming and Recording	T	T -	1	_	
1	Supply, Installation, Testing & Commissioning of Auto tracking PTZ camera with 10X optical zoom:  Auto tracking PTZ camera with 10X optical zoom and 5X Digital zoom with ability to deliver 1920x1080 @ 60fps with HDMI, USB 2.0 / Ethernet or better, Camera must have 340 degree rotation and 120 degree tilt range or better, Camera must support the positioner tracking IR device (included in package) for accurate tracking of presenter, Must have auto tracking range of 10M radius or more, Camera must be compatible with various lecture capture platform, such as Echo 360, Panopto, and Kaltura, Camera must support control protocol VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/9600/4800/2400 bps and network protocol RTSP/RTMP, ONVIF, GBT28181; Support IP Visca control protocol; Distance update, Distance restart, Distance reset Preferred Make: Arec/ Clearone/ Adonis/ Crestron/ Lumens OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: CI-T21H / Equivalent	1	No	₹ 4,12,667.9	7 18%	₹ 4,12,667.9
2	Supply, Installation, Testing & Commissioning of PTZ Camera with minimum resolution of 1080P@60fps, Must have 20X optical zooms: PTZ Camera with minimum resolution of 1080P@60fps, Must have 20X optical zoom and 10X Digital zoom or higher, FOV of Minimum 55.8 degree wide-3.2 degree tele, 255 presets, Camera should support two or more simultaneous output throw HOMI, LAN, USB 3.0,must have inbuilt Talley light whicht glow at the time of recording throw media station, Camera should have Pan Rotation of ±170°, Tilt Rotation of -30°~+90°, Pan Control Speed 0.1-60°/sec, Tilt Control Speed 0.1-30°/sec,Preset Speed Pan: 60°/sec, Tilt: 30°/sec or better, Must support RTSP/RTMP, ONVIF, GBT28181; Support network protocall IP Visca control protocol; Distance update, Distance restart, Distance reset. Preferred Make: Arec/ Clearone/ Adonls/ Crestron / Lumens OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: CI-22H / Equivalent	3	Nos	₹ 2,33,450.00	18%	₹7,00,350.00
3	Supply, Installation, Testing & Commissioning of Camera wall mount Kit.  Preferred Make: Any Reputed Make / Custom	4	Nos	₹ 7,290.00	18%	₹ 29,160.00
	Supply, installation, Testing & Commissioning of 4K UHD Media Station (Video Sources Capturing Device):  All in one device Up to 2ch 4K UHD or 4ch FHD Video Sources Capturing, Mixing, Switching, Recording and Live Streaming, it enables the capture, mixing, switching, recording, streaming, and backup of 2CH 4K UHD or up to 4CH Full HD video sources.it must have video input interface HDMI*2 RJ-45*2 (supports IP streaming: up to 4 channels) USB*3 (UVC),it must have audio inputs 3.5mm Stereo Mic in *1  3.5mm Stereo Mic in *1  3.5mm Stereo Line in *1 HDMI*2 Balanced audio-in with a 6-pin Phoenix connector*1  USB (UAC)*1 RJ-45*2 (Supports digital audio inputs) Supports network H.264/H.265 (HEVC) protocol: RTMP/RTMP5/RTP/RTSP, NDI HX, SRT(push). The RJ-45 ports can support network cameras, compatible with 3rd party network cameras, encoders, streaming sources via IP streaming.Supports network protocol: RTMP/RTMP5/RTP/RTSP, NDI HX, SRT(push). and Dante 2x2. Video Outputs HDMI*1 for loop out (Max. 4K UHD, HDMI? loop through) HDMI*1 for preview (Max. 1080p, PGM with graphic user interface) HDMI*1 for display (Max. 4K UHD, single source or multi-source monitoring or PGM), audio Outputs 3.5mm Stereo Line out*1  HDMI*2,DP*1. Local storage should be 2TB 2.5* SATA III Hard Drive. Video Encoding Resolution—Max. 4K UHD (640x360 ~ 3840x2160). A variety of resolution can be selected. it should have webbased Video Manager platform, Backup & Intregation -FFP / STPP/ Opencast/ Panopto/ Kaltura/ AREC MediaCenter/ NAS/ Google Drive.capable of recording 1 video channel up to 4K 2160p 30(ps.its have the flexibility to choose between two recording modes: 1 mixed mode (PGM video recording) or 1 mixed + 4 Individual Input sources recording modes: 1 mixed mode (PGM video recording) or 1 mixed + 4 Individual Input sources recording modes: 1 mixed mode (PGM video recording) or 1 mixed + 4 Individual Input sources recording modes: 1 mixed mode (PGM video recording) or 1 mixed + 4 Individual Input sources recording modes: 1 mixed mode (PGM vide	1	No	₹7,08,708.00	18%	₹7,08,708.00

1	Supply leadelled					
	Supply, Installation, Testing & Commissioning of Wireless presentation and collaboration system:  Wireless presentation and collaboration system with Operating system Linux, Output resolution 2160p60/30, 1080p FHD 60/30, 720p, Supported devices for wireless mirroring (or to 4K depending on device) iOS, IPadOS, Androld, Windows, macOS, Chrome OS, Supported Software & Apps vSolution App, vSolution Link Pro, Media Player: Supported image file formats GIF, JPEG, BMP, PNG, Media Player: Supported document file formats PDF, Word, PowerPoint, Excel, Text, HTML, Media Player: Supported audio file formats MP3, WMA, MKJ OGA, OGG, Cloud services Yes, Google Drive, Dropbox, Jianguoyun, OneDrive, WebDAV protocol, Touchback control for Windows, Support for touchscreen displays.  Approved Make: Wolfvision / Crestron/ Adonis / Infobit / Kramer / Equivalent OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.: Cynap Core Pro / Equivalent	ıp.	No	₹ 6,80,680.	00 18%	4 ₹ 6,80,680.00
6	Supply, Installation, Testing & Commissioning of Professional 4K HDMI to USB 3.0 Video Capture Device:  4K HDMI USB Capture for integration of an AV source or system with a computer in a sof codec videoconferencing application with 1x HDMI + 1x 3.5mm, Input video bandwidth 600MHz, Output bandwidth Up to 350Mbps (USB-C), Video support Up to 4K@30/1080P@120, OS support Windows 7 /8.1 /10, Mac and Linux OS, Power supply Via USB-C.  Approved Make: Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: DS-H2U / Any Equivalent model	1	Nos	₹ 64,960.0	00 18%	₹ 64,960.00
7	Supply, Installation, Testing & Commissioning of 10M USB 3.1 Gen 1 Extender Cable: 10m USB 3.1 Gen1 Extender Cable with 1 x USB 3.1 Gen1 Type A Male, Downstream 1 x USB 3.1 Gen1 Type A Female, USB 3.1 Gen1 / 2.0 / 1.1 for Super / High / Full or Low speed, Cable Length 10 m, Data Rate Up to 5 Gbps. Approved Make: Aten / 4thewall / Lightware / Liberty AV OEM PRODUCT WARRANTY: 1 + 2 Years Ref. Model No.: UE3310 / Any Equivalent model	2	Nos	₹ 21,809,2	3 18%	₹ 43,618.47
8	Supply, Installation, Testing & Commissioning of Rack Mount / Tower Workstation along with Required accessories:  System Configuration:  Product Type: Tower Desktop, Operating System:Windows 10 Pro / 11 Pro, Processor Family: 12th Generation Intel Core i7 processor,  Processor: Intel Core i7-12700 (up to 4.9 GHz with Intel Turbo Boost Technology, 25 MB L3 cache, 12 cores, 20 threads), Graphics: Discrete, NVIDIA Quadro T1000 (4 GB GDDR6 dedicated),  Memory: 16 GB DDR5-4800 MHz RAM (1 x 16 GB), Memory Slots: 4 DIMM Internal Storage: 512 GB PCIe M.2 SSD  OEM PRODUCT WARRANTY: 3 Years	1	Set	₹ 2,32,875.00	18%	₹ 2,32,875.00
9	Supply, Installation, Testing & Commissioning of 24 inch Full HD IPS Panel Monitor with HDMI Port, DP Port & VGA Port: along with DP Cable, HDMI Cable, DVI to HDMI Cable and Mount Kit.	2	Nos	₹ 17,460.00	18%	₹ 34,920.00
	TOTAL OF PART: VI - Exclusive of GST.	₹ 29,07,93	19 44		-	
VII	Video Surveillance, IP Phone, SIP Speaker and Network Components					
1	Supply, Installation, Testing & Commissioning of 4MP Fixed Lens IP IR Dome Camera with Built-in Mic, SD Card Slot & Encloser Junction Box: Features 4 MP IP Dome camera,1/2.7" CMOS, F1.6, Fixed Iris, 120dB, 30m IR, 0.002Lux, 2560x1440@30fps, Built-in Mic, IP66, PoE, Metal+Plastic housing,Starlight Preferred Make: GVD - Octocam/Axis/ Peico / BOSCH/ Avtron OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: AM-DM4035-FMR1	5	Nos	₹ 13,010.25	18%	₹ 65,051.25
2	Supply, Installation, Testing & Commissioning of 4MP Fixed Lens IP IR Bullet Camera with 5D Card Slot & Encloser Junction Box: Features 4 MP IP Bullet camera,1/2.7" CMOS, F1.6, Fixed Iris, 120dB, 50m IR, 0.002Lux, 2560x1440@30fps, Built-in Mic, IP67, PoE, Metal+Plastic housing, starlight Preferred Make: GVD - Octocam/Axis/ Pelco / BOSCH/ / Avtron OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: AM-DM4064-FMA2	6	Nos	₹ 13,010.25	18%	₹78,061.50

,	Supply, Installation, Testing & Commissioning of 64 GB Ultra Class / Professional SD Card for Secondary Recording Preferred Make: Sandisk / Samsung / Equivalent OEM PRODUCT WARRANTY: 3 Years	4	No	₹ 733.	13 18%	₹ 2,932.5
4	Supply, installation, Testing & Commissioning of SIP Intercom Speaker with Two communication:  Full-duplex speakerphone with HD acoustic chamber, advanced acoustic echo cancellation, 3 directional mics with MMAD & microphone beamforming array and 1 omnidirectional auxiliary microphone, Full-band and wide-band audio codec support including Opus & G.722, Integrated dual-band 802.11 a/b/g/n/ac Wi-Fl and Bluetooth One 10/100Mbps network port with PoE/PoE+, 2-pin multi-purpose input to support peripherals including call buttons Preferred Make: GRANDSTREAM/TONMIND/CYBERDATA/ALGO OEM PRODUCT WARRANTY: 3 Years   Ref. Model No.: GSC3516		Nos	₹ 43,590.4	10 18%	₹ 87,180.8
5	Supply, Installation, Testing & Commissioning of Enterprise Gigabit PoE WIFI 6 Access Point Preferred Make: CISCO-Catalyst/ JUNIPER Ref.: C9105AXI-D / Any Equivalent model OEM PRODUCT WARRANTY: Standard Warranty	2	Nos	₹ 68,068.0	0 18%	₹1,36,136.0
6	Supply, Installation, Testing & Commissioning of Gigabit PoE WIFI Access Point / Router Preferred Make: NETGEAR / D-Link / Equivalent Ref.:  OEM PRODUCT WARRANTY: Standard Warranty	1	No	₹ 21,420.0	0 18%	₹ 21,420.00
7	Supply, Installation, Testing & Commissioning of Layer 2 24x 10/100/1000 Ethernet PoE+ ports and 370W PoE budget, 4x 1G SFP uplinks - Managed Switch with PSU and all necessary Licenses.  Preferred Make: CISCO-Catalyst/CISCO Miraki/JUNIPER / EXTREME  Ref. Model: C1000-24FP-4G-L  OEM PRODUCT WARRANTY: Standard Warranty	1	No	₹ 2,09,440.00	18%	₹ 2,09,440.00
8	Supply, Installation, Testing & Commissioning of Layer 2 24x 10/100/1000 Ethernet PoE+ ports and 195W PoE budget, 4x 1G SFP uplinks - Managed Switch with PSU and all necessary Licenses.  Preferred Make: CISCO-Catalyst/CISCO Miraki/ JUNIPER / EXTREME  Ref. Model: C1000-24P-4G-L / Any Equivalent model  OEM PRODUCT WARRANTY: Standard Warranty	1	No.	₹ 1,17,810.00	18%	₹1,17,810.00
9	Supply, Installation, Testing & Commissioning of Layer 2 24x 10/100/1000 Ethernet ports, 4x 1G SFP uplinks - Managed Switch with PSU and all necessary Licenses.  Preferred Make: CISCO-Catalyst/CISCO Miraki/ JUNIPER / EXTREME  Ref. Model: C1000-24T-4G-L  OEM PRODUCT WARRANTY: Standard Warranty	1	No.	₹ 68,068.00	18%	₹ 68,068.00
10	Supply, Installation & Commissioning of 1GBASE-SR SFP Module/ Media Converter (Single Mode) Preferred Make: CISCO-Catalyst/CISCO Miraki/ JUNIPER / EXTREME/TP-Link Ref. Model: 1G SFP - GLC-LH-SMD / Any Equivalent model OEM PRODUCT WARRANTY: Standard Warranty	4	Nos	₹ 22,176.00	18%	₹ 88,704.00
11	Supply, Installation, Testing & Commissioning of RJ-45 Information Outlet (IO) Full Set Keystone, Back Box, Dual Faceplate 2 x Keystone + Dual Face Plate+ Backbox + Black Plate Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ DIGISOL OEM PRODUCT WARRANTY: S Years	6	Nos	₹ 1,032.75	18%	₹ 6,196.50
12	Supply, Installation, Testing & Commissioning of 24 Port Loaded Patch Panel (Toolless) Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ DIGISOL OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: R195498 + R810598 / Any Equivalent model	2	No	₹ 9,922.50	18%	₹ 19,845.00
13	Supply, Installation, Testing & Commissioning of Gigabit UTP CAT-6 Patch Cord -  1 Meter Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ DIGISOL OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: R875976 / Any Equivalent model	20	Nos	₹ 313.88	18%	₹ 6,277.50
4	Supply, Installation, Testing & Commissioning of Gigabit UTP CAT-6 Patch Cord -  2 Meter Preferred Make: MOLEX/3C3/LEGRAND/ R&M/ Beiden/Equivalent DEM PRODUCT WARRANTY: 3 Years Ref. Model No.:	25	Nos	₹ 349.31	18%	₹8,732.81

15	Supply, Installation, Testing & Commissioning of Gigabit UTP CAT-6 Patch Cord - 3 Meter Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ Belden/Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.:	2	Nos	₹526	5.50 189	₹ 1,053
16	Supply, Installation, Testing & Commissioning of Gigabit SFTP / STP CAT-6 Patch Cord - 5 Meter Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ Belden/Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.:	2	Nos	₹ 1,117	.80 18%	4 ₹ 2,23S.
17	Supply & Installation of High Grade RJ-45 STP Connector (Metal Body): Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ DIGISOL/ D-LINK OEM PRODUCT WARRANTY: 3 Years	1	Box	₹ 7,187	50 18%	₹7,187.
18	Supply & Drawing of High Speed 4 Pair UTP CAT-6 Ethernet Cable: Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ Belden OEM PRODUCT WARRANTY: 3 Years   Ref. Model No.:	1525	RM	₹51.	48 18%	
19	Supply & Drawing of High Speed 4 Pair SFTP / STP CAT-6 Ethernet Cable (Shielded): Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ Belden OEM PRODUCT WARRANTY: 3 Years   Ref. Model No.:	610	RM	₹ 69.	55 18%	₹ 42,426.
20	Supply, Installation, Testing & Commissioning of Single Mode OS2 SC-LC Duplex Fiber Patch Cord - 3 Meter Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ DIGISOL/Equivalent OEM PRODUCT WARRANTY: 3 Years	6	Nos	₹ 3,556.8	18%	₹ 21,340.8
21	Supply & Drawing of 6 Core Single Mode OS2 Armoured Optical Fiber Cable along with HDPE Pipe 90mm dia/ Conduit Pipe and accessories. Including the fiber splicing charges Preferred Make: MOLEX/LEGRAND/ R&M OEM PRODUCT WARRANTY: 3 Years	100	RM	₹216.0	0 18%	₹ 21,600.0
22	Supply & Installation of High Grade Fiber Joint Box: Including the Fiber Dressing	2	Nos	₹1,087.5	0 18%	
23	Supply, Installation, Testing & Commissioning of 32U-(600 x 800) Fully Loaded Fully enclosed Floor Standing Rack: Equipment rack with Basic Frame Steel, Construction Welded, Top & Bottom Cover Welded to Frame with Cable entry exit cut outs, Front Door Lockable Toughened Glass Door, Rear Door Lockable Steel Door, 19" Mounting Angle Formed Steel, Std. Equipment Mounting DIN Std. 10mm Sq. Slots, Standard Finish Powder coated, Standard Colour Grey & Off White OR Black Standard Mounting Caster wheels (2 with Brake & 2 without Brake). Preferred Make: NETRACK / VALRACK / BLUERACK / EQUIVALENT OEM PRODUCT WARRANTY: 3 Years	2	Set	₹ 88,952.50	18%	₹ 2,175.0
	TOTAL OF PART: VII- Exclusive of GST.	₹ 12,70,28	25.49			
VIII	Cables, Cabling Work , Accessories other Safety Equipment's	. 22,70,20	0.46			
- 6	Supply & Drawing of Professional Grade 2.5 Sq. mm Speaker Cable Preferred Make: BELDEN / KRYSTAL / EQUIVALENT DEM PRODUCT WARRANTY: 3 Years	500	RM	₹ 181.72	18%	₹ 90,862.20
- 0	Supply & Drawing of Professional Grade 1.5 Sq. mm Speaker Cable Preferred Make: BELDEN / KRYSTAL / EQUIVALENT DEM PRODUCT WARRANTY: 3 Years	1000	RM	₹ 127.92	18%	₹ 1,27,920.00
	upply & Drawing of Professional Grade Signal / Microphone Cable referred Make: BELDEN / KRYSTAL-PRO DIGITAL / EQUIVALENT DEM PRODUCT WARRANTY: 3 Years	600	RM	₹ 78.00	18%	₹ 46,800.00
S St	upply, installation, Testing & Commissioning of Mic junction boxes . referred Make: LEGRAND / EQUIVALENT/ GIGATRON	2	Nos	₹ 14,040.00	18%	
Su Bo Pa 10 th	upply, installation, Testing & Commissioning of Floor Box:  ox provides an order, compact and permanent connecting solution for users.  anel of floor box is made of 5mm stainless steel, high bearing capacity (more than  100kg). Wall plate and AAP insert plate can be fitted into CR-FB Floor Box. Big cable pass  rough holes accept bulk cables come out  hen panel closed.  eferred Make: LEGRAND / EQUIVALENT/ GIGATRON	2	Nos	₹ 30,240.00	18%	₹ 28,080.00
Su	pply, Installation, Testing & Commissioning of All type of Connectors (UL Listed) .  eferred Make: NEUTRIC / EQUIVALENT	1	Lot	₹ 27,600.00	18%	₹27,600.00

8	Supply, Installation, Testing & Commissioning of Microphone Stand / Table Top Stand Preferred Make: K&M / Hawk / EQUIVALENT	5	Nos	₹ 2,975.70	18%	₹14,878.50
9	Supply, Installation, Testing and Commissioning of Multimedia Device and Other Basic Accessories, etc	1	Lot	₹ 97,500.00	18%	₹97,500.00
10	Supply & Installation of Electrical Components & Electrical Cables along with PVC Casing & accessories as required.	1	Lot	₹ 1,71,600.00	18%	₹ 1,71,600.00
11	Supply & Drawing of PVC Conduit Pipes / Casing Capping along with the complete accessories. (Surface Type) for Audio Solutions & Video Solutions, Video Conferencing System, Online UPS, etc	4500	RM	₹ 77.88	18%	₹ 3,50,460.00
12	Modular Cap.5 Kgs. Clean Agent	1	No	₹21,021.00	18%	₹21,021.00
	TOTAL OF PART: VIII- Exclusive of GST.	₹ 13,88,3	43.72			
IX	Additional Items for Flexible Hybrid classroom No. 4		T		Г	I
1	Supply, Installation, Testing & Commissioning of Auto tracking PTZ camera with 10X optical zoom:  Auto tracking PTZ camera with 10X optical zoom and SX Digital zoom with ability to deliver 1920x1080 @ 60fps with HDMI, USB 2.0 / Ethernet or better, Camera must have 340 degree rotation and 120 degree tilt range or better, Camera must be positioner tracking iR device (included in package) for accurate tracking of presenter, Must have auto tracking range of 10M radius or more, Camera must be compatible with various lecture capture platform, such as Echo 360, Panopto, and Kaltura, Camera must support control protocol VISCA/Peico-D/Peico-P; Baud Rate: 115200/9600/4800/2400 bps and network protocol RTSP/RTMP, ONVIF, GBT2B181; Support IP Visca control protocol; Distance update, Distance restart, Distance reset Preferred Make: Arec/ Clearone/ Adonls/ Crestron/ Lumens  OEM PRODUCT WARRANTY: 3 + 2 Years  Ref. Model No.: CI-T21H / Equivalent	1	No	₹ 4,74,567.60	18%	₹ 4,74,567.60
2	Supply, Installation, Testing and Commissioning of 8XB True 4K HDMI Matrix Switch:  8 x 8 True 4K HDMI Matrix Switch with Interfaces 8 x HDMI, Impedance 100 Ω, Max Data Rate  18 Gbps 6 Gbps Per Lane). Max. Pixel Clock600 MHz, Compliance HDMI (3D, 4K, Deep  Color), HDCP 2.2 Compatible, Consumer Electronics Control (CEC), Max Resolution Up to Up to  4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4), EDID Mode: Default / Remix / Customized (EDID  Wizard support), RS-232 control, Ethernet control.  Preferred Make: Aten/ 4thewail/ Ughtware/ Milestone/ Kramer  OEM PRODUCT WARRANTY: 3 + 2 Years  Ref. Model No.: VM0808HB	1	No	₹ 5,15,142.23	18%	₹ 5,15,142.23
3	Supply, Installation, Testing & Commissioning of High Speed HDMI Cable 4K 20 meter HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality – True 4K (4096 x 2160 @ 60Hz 4:4:4) Gold-plated connectors for reliable transmissions- 20 Meter Approved Make: Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 + 2 Years Ref. Model No.: 2L-7D01H / Any Equivalent model	3	Nos	₹ 20,821.06	18%	₹ 62,463.17
4	Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compilant, Superior video quality – True 4K-2 Meter Approved Make: Aten/ 4thewail/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 + 2 Years Ref. Model No.: 2L-7D02H-1 / Any Equivalent model	3	Nos	₹ 1,492.78	18%	₹4,478.33
5	Supply, Installation, Testing & Commissioning of 43" Inch 4K UHD Commercial Signage TV with wall mount kit: 43" UHD, Brightness 300nits, Smart Signage, Embedded Content Management, Embedded Group Manager, Super Sign Control+, Welcome Image, Audio Out 10W +10W, Web OS4.0, Miracast, IR Out, USB, HDMI, LAN, wifi Inbuilt. Preferred Make: LG / SAMSUNG / CHRISTIE / Panasonic OEM PRODUCT WARRANTY: 3 + 2 Years	1	No	₹ 42,529.20	28%	₹ 42,529.20
- 1	Ref. Model No.: 43UR640S / Any Equivalent model			1	1	- 1
	Ref. Model No.: 43UR640S / Any Equivalent model TOTAL OF PART: VIII- Exclusive of GST.	₹21,36,38	2.22			

-	Part - B : Addition	al Service	es			
Sr. No.	Particulars	QTY	иом		GST	
	Onsite One Time Programming charges by Global Certified Engineers	Q/I	OUM	Rate	%	Total Sale
1	( Incuding Transportation, Fooding & Lodging)	1	Job	₹ 8,99,969.00	18%	₹ 8,99,969.
2	Onsite Maintenance Service Charges for 3 Year. Includes: i) Demo & Training ii) Remote Support & Onsite Maintenance (SLA) for 3 Years iii) One Technical Person station at NLU Meghalaya for 1 Year	1	Job	₹ 6,62,335.00	18%	₹ 6,62,335.
	PART - B - SUB TOTAL:				510	₹ 15,62,304.0
_	SUMMAR	Y				
S/N	Particulars	Taxable Ar	nount	GST Amount	GST %	Amount Inclusive of GST
1	Part - A : (i) -Products - (18%):			₹ 31,63,654.37 189		
1.1	Part - A : (ii) -Products - (28%):	₹1,77,95	,416.82			₹ 2,10,20,547.7
2	Part - B : Onsite 3 Years Maintenance (Additional Service) :	₹ 15,62	,304.00	₹ 2,81,214.72	18%	₹ 18,43,518.7
	Total	₹ 1,93,57,	720.82	₹ 35,06,345.67		₹ 2,28,64,066.4
umma	ary:					
_	Total Sales / Invoice Value:	1,93,57,	720.82	Total GST:		₹ 35,06,345.67
	Special Discount:			Total CGST:		₹ 17,53,172.83
	Total Taxable Value:	1,93,57,7	720.82	Total SGST:		₹ 17,53,172.83
	Sub Total		_	Total IGST:		
lpees	(in words):			Round off:		-0.49
	Two Crore Twenty Eight Lakh Sixty Four Thousand Sixty Six On	ly.	$\dashv$	Grand Tota		INR 2,28,64,066.00
dity: 30 very : W ne: eral Wa Product ranty si	Vithin 4- 6 Weeks from the date of Purchase / Work Order.	f supply or Invoic	B B A, IF B	ank Details: ank Name: HDFC eneficiary Name: /c No.: 293410000 SC Code: HDFC000 ranch: LAITUMKH	RIWOT 100857 12934 RAH Por	Mus -
				. 30	HAH	egd Contractor
	Subject to Shillong Juris	SOURCE OF THE PARTY OF THE PART		. 01	IIIIOII	H: MICHIGHT



NAME OF WORK: -

Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance & Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s).

ESTIMATED AMOUNT: - ₹2

₹ 24472985.00

NAME OF WORK: -

Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance & Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s)}.

ESTIMATED AMOUNT: -

₹ 24472985.00

#### REPORT

This Estimate amounting to ₹ 24472985.00 (Rupees Two Crore Forty-Four Lakh Seventy-Two Thousand Nine Hundred Eighty-Five) only has been framed to show the probable cost for Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance & Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s)}. The Renovation and Repair project for the Auditorium Hall (Dr. APJ Abdul Kalam Hall) at the National Law University (NLU) Temporary Campus in Mayurbranj, Shillong, Meghalaya, encompasses a comprehensive upgrade to enhance the facility's functionality and technological capabilities. The project includes:

### Electrical Fittings Supply and Installation:

Drawing and implementation of Main & Sub-Main Lines, Installation of Electrical Medium Voltage Switchgear, Deployment of Distribution Boards (DB's), Installation of Main & Sub-panel Boards, Setting up of Air Conditioning

Audio-Visual Equipment Setup:

Supply, Installation, Testing & Commissioning of Audio-Visual Equipment, Integration of a state-of-the-art Video Conferencing System and Network infrastructure implementation to support audio-visual systems. Power Infrastructure:

The renovation aims to transform the Auditorium Hall into a modern and technologically advanced space suitable for academic, cultural, and administrative events. The integration of advanced electrical systems ensures a reliable and efficient power supply to support the various electronic components within the facility.

The Audio-Visual Equipment and Video Conferencing System installations are geared towards enhancing the hall's capabilities for hosting presentations, seminars, and conferences. A robust network infrastructure will support seamless connectivity, facilitating effective communication and collaboration.

The project adheres to the highest standards of safety and efficiency in line with the requirements of a prestigious institution like the National Law University. Upon completion, the renovated Auditorium Hall will serve as a focal point for academic and cultural activities, providing an enriched experience for students, faculty, and visitors alike. The Supplying, Installation, Testing & Commissioning processes will be carried out with precision and attention to detail, ensuring the successful integration and functionality of all components within the specified timeline. The result will be a modernized and fully equipped Auditorium Hall contributing to the overall excellence of the National Law University Shillong.

The Rate followed in the estimate is as per PWD Schedule of Rate for internal and external electrification works in the State for 2021-22 and as per Quotation by Riwot-oo-susngi.

> Junior Engineer PWD **Electrical Division Shillong**

### GENERAL ABSTRACT

Name of Work:- Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance & Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s).

Sl.No	Name of Work	Amount (₹)	Remark
1	Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance).	22864066.00	Kemark
	Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s).	1608919,00	
	TOTAL-	24472985.00	

(Rupees Two Crore Forty Four Lakh Seventy Two Thousand Nine Hundred Eighty Five) only.

Junior Engineer PWD
Electrical Division Shillong

Renovation and Repair of Auditorium Hall Mayurbranj (Dr. APJ Abdul Kalam Hall) for Temporary campus of National Law University, Shillong, Meghalaya. (Supplying and Installation of Electrical Fittings Including Drawing of Main & Sub-Main Lines, Electrical Medium Voltage Switchgear, DB's, Main & Sub-panel Board and A.C.'s).

1												
1	1 Wiring in looping system with copper P	VC	T	$\neg$		T	Т				_	
	cable 250/440 volt grade of size 1.5 comm		1									
	approved quality using PVC casing con-	sina	-									
	including 5 amperes switch Indian heet qua	lity				1	1					1
	ceiling rose etc. capable to a highest point					1				1		1
	0											
	(a) Long point wiring upto 10mts	Onty	+	20 >	T	F	+					
	2 Wiring as in item No.1 complete to a light p	luc	+-	3011	ios	(a)	₹	2255.00		/- eac	h	₹ 67650.00
	point when fixed elsewhere with continu	oue		- 1		1	1					
	earth wire complete.	Jus								1		
	(a)Long point wiring upto 10mts	Onty	+-	25 3	r	1	+	2622.00				
	4 Wiring to a power plug as in item No Labo	ive	+-	73/17	08	(4)	1	2625.00		/- eac	h	₹ 91875.00
	with continous earth wire complete.		1			1	1					
	(a)Long point wiring upto 10mts	Ontv	+-	20 N	00	10	+	2620.00				
	9 Drawing of Main and Sub-main line w	ith	+-	20114	08	(a)	1	3628.00		/- eac	h	₹ 72560.00
	DUSD approved VIR or PVC 250/440 V	olt										
	grade in PVC casing capping complete with	all					1					
	accessories.		1									
	(a) With 2×2.5mm <sup>2</sup> Copper Conductor	Onto	10	1012	-	_	1-	222		_	$\perp$	
	(b) With 2×4mm <sup>2</sup> Copper Conductor	0-4-				_	-				_	₹ 92000.00
1	Drawing of 3 phase main line 4 mins	Qnty-	24	0 M	ltrs	@	₹	283.00	/	- p/m	tr	₹ 67920.00
	DGSD approved VIR or PVC cable 660	th l										
	grade Copper Conductor in casing capping	)IE		1			1				-	
	with all accessories	ıg									-	
		-	+	+	$\dashv$	_	_					
52	Supplying & fiving of	Qnty-	1	0 M	trs	@	₹ 9	987.00	1	- p/m	r	₹ 9870.00
	Miniature Circuit Breakers DV2 1021	et									1	
	AC application till 63 A	or	1									
				$\perp$	_							
	(b)6-32 Amp	-	<u> </u>	1	$\dashv$	$\perp$					1	
53		Qnty-	40	No	s (	@	₹ 4	07.00	/-	each	₹	16280.00
	for AC applications unto 125 A	S										
	A. Double pole 240 V	+		$\vdash$	_	_						
		-	-	1	4	_					J	0/2
		Qnty-	1	No	(	3	₹ 8	76.00	/-	each	₹	876.00
	(c)63 Amp	10-1	-	1	$\perp$	_					T	
57	Supplying fitting and fixing of Moulded	Qnty-	3	Nos	3 (0	3	₹ 1.	543.00	/-	each	₹	4629.00
	circuit Breaker (MCCRs) of the following	1									T	
	Amp capacity	5										
		+-+		_	+	4						
	iii) Four Poles	+		_	+	+						
	b) 80-100 Amp	Orti		27	+	+	_				L	
59 5	Supplying fitting and fixing of Diet-ibusting	Quty-	2	Nos	@	}  ₹	71	16.00	/-	each	₹	14232.00
F	Board SPN DB's for MCB Jeolaton BCCD											
a	nd RCBO										1	
A	A. IP 30 - #1K 08	<del>                                     </del>			+	+						
(1	a) 4 Way + 4 Module	0-5		N7.	+-	+						
(6	c) 12 Way + 12 Module				$\sim$	_	_		_		₹	3060.00
T	. IP 43 - #1K 09 with metal door	Qnty-	2	No	@	.  ₹	22	33.00	/-	each	₹	4466.00
10	TO WILL US WILL Metal door										-	
	53 57 57 ((a)	approved quality using PVC casing cappincluiding 5 amperes switch Indian best quarceiling rose etc. capable to a highest point  (a) Long point wiring upto 10mts  Wiring as in item No.1 complete to a light point when fixed elsewhere with continuearth wire complete.  (a)Long point wiring upto 10mts  Wiring to a power plug as in item No.1 about with continous earth wire complete.  (a)Long point wiring upto 10mts  Drawing of Main and Sub-main line with DGSD approved VIR or PVC 250/440 Vigrade in PVC casing capping complete with accessories.  (a)With 2×2.5mm² Copper Conductor  (b)With 2×4mm² Copper Conductor  10 Drawing of 3 phase main line 4 wire with DGSD approved VIR or PVC cable 660 vograde Copper Conductor in casing capping with all accessories  (d)With 4×10mm² Copper Conductor  52 Supplying & fixing of Load Kontake Miniature Circuit Breakers DX3 MCB's for AC application till 63 A  A. Single pole 240/410 V  (b)6-32 Amp  53 Supplying fitting and fixing of DX3 Isolator for AC applications upto 125 A  A. Double pole 240 V  (c)63 Amp  C. Four pole 415 V  (c)63 Amp  C. Four poles (MCCBs) of the following Amp capacity  A. With breaking Capacity of 16 kA  (iii) Four Poles  (b) 80-100 Amp  59 Supplying fitting and fixing of Distribution Board SPN DB's for MCB, Isolator, RCCB and RCBO  A. IP 30 - #1K 08  (a) 4 Way + 4 Module	approved quality using PVC casing capping incluiding 5 amperes switch Indian best quality ceiling rose etc. capable to a highest point  (a) Long point wiring upto 10mts  Quity- Wiring as in item No.1 complete to a light plug point when fixed elsewhere with continous earth wire complete.  (a) Long point wiring upto 10mts  Quity- Wiring to a power plug as in item No.1 above with continous earth wire complete.  (a) Long point wiring upto 10mts  Quity- Drawing of Main and Sub-main line with DGSD approved VIR or PVC 250/440 Volt grade in PVC casing capping complete with all accessories.  (a) With 2×2.5mm² Copper Conductor  (b) With 2×4mm² Copper Conductor  (c) With 2×4mm² Copper Conductor  Drawing of 3 phase main line 4 wire with DGSD approved VIR or PVC cable 660 volt grade Copper Conductor in casing capping with all accessories  (d) With 4×10mm² Copper Conductor  52 Supplying & fixing of Load Kontaket Miniature Circuit Breakers DX3 MCB's for AC application till 63 A  A. Single pole 240/410 V  (b)6-32 Amp  Quity- C. Four pole 415 V  (c)63 Amp  C. Four pole 415 V  (c)63 Amp  Supplying fitting and fixing of Moulded case circuit Breaker (MCCBs) of the following Amp capacity  A. With breaking Capacity of 16 kA  (iii) Four Poles  (b) 80-100 Amp  Supplying fitting and fixing of Distribution Board SPN DB's for MCB, Isolator, RCCB and RCBO  A. IP 30 - #1K 08  (a) 4 Way + 4 Module  (c) 12 West 13 Medicales	incluiding 5 amperes switch Indian best quality ceiling rose etc. capable to a highest point  (a) Long point wiring upto 10mts	approved quality using PVC casing capping incluiding 5 amperes switch Indian best quality ceiling rose etc. capable to a highest point  (a) Long point wiring upto 10mts  Quty- 30 N  Wiring as in item No.1 complete to a light plug point when fixed elsewhere with continous earth wire complete.  (a)Long point wiring upto 10mts  Wiring to a power plug as in item No.1 above with continous earth wire complete.  (a)Long point wiring upto 10mts  Quty- 20 N  Drawing of Main and Sub-main line with DGSD approved VIR or PVC 250/440 Volt grade in PVC casing capping complete with all accessories.  (a)With 2×2.5mm² Copper Conductor  (b)With 2×4mm² Copper Conductor  (c)With 2×4mm² Copper Conductor  Quty- 240 M  DGSD approved VIR or PVC cable 660 volt grade Copper Conductor in casing capping with all accessories  (d)With 4×10mm² Copper Conductor  Quty- 10 M  Supplying & fixing of Load Kontaket Miniature Circuit Breakers DX3 MCB's for AC application till 63 A  A. Single pole 240/410 V  (b)6-32 Amp  Quty- 10 No  Supplying fitting and fixing of DX3 Isolators for AC applications upto 125 A  A. Double pole 240 V  (c)63 Amp  Quty- 1 No  C. Four pole 415 V  (c)63 Amp  Quty- 2 Nos  Supplying fitting and fixing of Moulded case circuit Breaker (MCCBs) of the following Amp capacity  A. With breaking Capacity of 16 kA  (iii) Four Poles  (b) 80-100 Amp  Supplying fitting and fixing of Distribution Board SPN DB's for MCB, Isolator, RCCB and RCBO  A. P30 -#1K 08  (a) 4 Way + 4 Module  (b) 12 Wey + 13 Mel-like Date of the Set of the Set of Se	approved quality using PVC casing capping incluiding 5 amperes switch Indian best quality ceiling rose etc. capable to a highest point  (a) Long point wiring upto 10mts  Quity- 30 Nos  Wiring as in item No.1 complete to a light plug point when fixed elsewhere with continous earth wire complete.  (a) Long point wiring upto 10mts  Wiring to a power plug as in item No.1 above with continous earth wire complete.  (a) Long point wiring upto 10mts  Quity- 20 Nos  Drawing of Main and Sub-main line with DGSD approved VIR or PVC 250/440 Volt grade in PVC casing capping complete with all accessories.  (a) With 2×2.5mm² Copper Conductor  (b) With 2×4mm² Copper Conductor  (b) With 2×4mm² Copper Conductor  (b) With all accessories  (d) With 4×10mm² Copper Conductor  (d) With 4×10mm² Copper Conductor  Supplying & fixing of Load Kontaket Miniature Circuit Breakers DX3 MCB's for AC application till 63 A  A. Single pole 240/410 V  (b)6-32 Amp  C. Four pole 415 V  (c)63 Amp  C. Four pole 50 Capper Conductor  Amp capacity  A. With breaking Capacity of 16 kA  (iii) Four Poles  (b) 80-100 Amp  Supplying fitting and fixing of Distribution Board SPN DB's for MCB, Isolator, RCCB and RCBO  A. Fig. 60 And Capplications and fixing of Distribution Board SPN DB's for MCB, Isolator, RCCB and RCBO  A. Fig. 60 And Capple Conductor Conty- 2 Nos (a) (a) 4 Way + 4 Module (c) 13 West 10 Add to 10 And conty and fixing of Distribution Board SPN DB's for MCB, Isolator, RCCB and RCBO  A. Fig. 60 And Capple Conductor Conty Conty- 2 Nos (a) (a) 4 Way + 4 Module Capple Conty- 2 Nos (a) (c) 12 West 10 Add to 10 Conty Conty- 2 Nos (a) (c) 12 West 10 Add to 10 Conty Conty- 2 Nos (a) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	approved quality using PVC casing capping incluiding 5 amperes switch Indian best quality ceiling rose etc. capable to a highest point  (a) Long point wiring upto 10mts  Quity- 30 Nos @ Wiring as in item No.1 complete to a light plug point when fixed elsewhere with continuous earth wire complete.  (a) Long point wiring upto 10mts  Quity- 35 Nos @ Wiring to a power plug as in item No.1 above with continuous earth wire complete.  (a) Long point wiring upto 10mts  Quity- 20 Nos @ Porawing of Main and Sub-main line with DGSD approved VIR or PVC 250/440 Volt grade in PVC casing capping complete with all accessories.  (a) With 2×2.5mm² Copper Conductor Quity- 400 Mtrs @ Drawing of 3 phase main line 4 wire with DGSD approved VIR or PVC cable 660 volt grade Copper Conductor in casing capping with all accessories  (d) With 4×10mm² Copper Conductor Quity- 400 Mtrs @ Supplying & fixing of Load Kontaket Miniature Circuit Breakers DX3 MCB's for AC application till 63 A  A. Single pole 240/410 V  (b)6-32 Amp  C. Four pole 415 V  (c)63 Amp  C. Four pole 415 V  (c)63 Amp  C. Four pole 415 V  (c)63 Amp  C. Four poles (MCCBs) of the following Amp capacity  A. With breaking Capacity of 16 kA  (iii) Four Poles  (b) 80-100 Amp  Onty- 2 Nos @ \$  Supplying fitting and fixing of Distribution Board SPN DB's for MCB, Isolator, RCCB and RCBO  A. IP 30 -#1K 08  (a) 4 Way + 4 Module  Quity- 2 Nos @ \$	approved quality using PVC casing capping including 5 amperes switch Indian best quality ceiling rose etc. capable to a highest point  (a) Long point wiring upto 10mts  Query 30 Nos ② ₹  Wiring as in item No.1 complete to a light plug point when fixed elsewhere with continous earth wire complete.  (a)Long point wiring upto 10mts  Query 35 Nos ② ₹  Wiring to a power plug as in item No.1 above with continous earth wire complete.  (a)Long point wiring upto 10mts  Query 20 Nos ② ₹  Prawing of Main and Sub-main line with DGSD approved VIR or PVC 250/440 Volt grade in PVC casing capping complete with all accessories.  (a)With 2×2.5mm² Copper Conductor Query 240 Mtrs ② ₹  (b)With 2×4mm² Copper Conductor Query 240 Mtrs ② ₹  (b)With 2×4mm² Copper Conductor Query 240 Mtrs ② ₹  (c)With 4×10mm² Copper Conductor Query 240 Mtrs ② ₹  Supplying & fixing of Load Kontaket Miniature Circuit Breakers DX3 MCB's for AC application till 63 A  A. Single pole 240/410 V  (b)6-32 Amp  Supplying fitting and fixing of DX3 Isolators for AC applications upto 125 A  A. Double pole 240 V  (c)63 Amp  Query 1 Nos ② ₹  A. Double pole 240 V  (c)63 Amp  Query 3 Nos ② ₹  CFour pole 415 V  (c)63 Amp  Query 3 Nos ② ₹  A. With breaking Capacity of 16 kA  (iii) Four Poles  (b) 80-100 Amp  Supplying fitting and fixing of Distribution Board SPN DB's for MCB, Isolator, RCCB and RCBO  A. IP 30 -#1K 08  (a) 4 Way + 4 Module  Query 2 Nos ② ₹ 15	approved quality using PVC casing capping including 5 amperess witch Indian best quality ceiling rose etc. capable to a highest point  (a) Long point wiring upto 10mts  Quity- 30 Nos @ ₹ 2255.00  Wiring as in item No.1 complete to a light plug point when fixed elsewhere with continous earth wire complete.  (a) Long point wiring upto 10mts  Quity- 35 Nos @ ₹ 2625.00  Wiring to a power plug as in item No.1 above with continous earth wire complete.  (a) Long point wiring upto 10mts  Quity- 20 Nos @ ₹ 3628.00  Parwing of Main and Sub-main line with DGSD approved VIR or PVC 250/440 Volt grade in PVC casing capping complete with all accessories.  (a) With 2×2.5mm² Copper Conductor Quity- 240 Mtrs @ ₹ 230.00  (b) With 2×4mm² Copper Conductor Quity- 240 Mtrs @ ₹ 283.00  10 Drawing of 3 phase main line 4 wire with DGSD approved VIR or PVC cable 660 volt grade Copper Conductor in casing capping with all accessories  (d) With 4×10mm² Copper Conductor Quity- 10 Mtrs @ ₹ 987.00  52 Supplying & fixing of Load Kontaket Miniature Circuit Breakers DX3 MCB's for AC application till 63 A  A. Single pole 240/410 V  (b)6-32 Amp Quity- 10 Nos @ ₹ 407.00  53 Supplying fitting and fixing of DX3 Isolators for AC applications upto 125 A  A. Double pole 240 V  (c)63 Amp Quity- 1 No @ ₹ 876.00  C. Four pole 415 V  (c)63 Amp Quity- 1 No @ ₹ 876.00  C. Four pole 415 V  (c)63 Amp Quity- 1 No @ ₹ 1543.00  A. With breaking Capacity of 16 kA  (iii) Four Poles  (b) 80-100 Amp Quity- 2 Nos @ ₹ 1543.00  A. IP 30 -#1K 08  (a) 4 Way + 4 Module  (b) 12 Wire 1-3 Mth.	approved quality using PVC casing capping including 5 amperes switch Indian best quality ceiling rose etc. capable to a highest point  (a) Long point wiring upto 10mts  Quity- 30 Nos @ ₹ 2255.00  2 Wiring as in item No.1 complete to a light plug point when fixed elsewhere with continous earth wire complete.  (a) Long point wiring upto 10mts  Quity- 35 Nos @ ₹ 2625.00  4 Wiring to a power plug as in item No.1 above with continous earth wire complete.  (a) Long point wiring upto 10mts  Quity- 20 Nos @ ₹ 3628.00  9 Drawing of Main and Sub-main line with DGSD approved VIR or PVC 250/440 Volt grade in PVC casing capping complete with all accessories.  (a) With 2×2.5mm² Copper Conductor  (b) With 2×4mm² Copper Conductor  (b) With 2×4mm² Copper Conductor  (b) With 2×4mm² Copper Conductor  (c) Thawing of 3 phase main line 4 wire with DGSD approved VIR or PVC cable 660 volt grade Copper Conductor in casing capping with all accessories  (d) With 4×10mm² Copper Conductor  (d) With 4×10mm² Copper Conductor  Supplying & fixing of Load Kontaket Miniature Circuit Breakers DX3 MCB's for AC application till 63 A  A. Single pole 240/410 V  (b)6-32 Amp  Quity- 1 No @ ₹ 876.00  C. Four pole 415 V  (c)63 Amp  Quity- 1 No @ ₹ 876.00  C. Four pole 415 V  (c)63 Amp  Quity- 2 Nos @ ₹ 1543.00  A. With breaking Capacity of 16 kA  (iii) Four Poles  (b) 80-100 Amp  Onty- 10 Nos @ ₹ 7116.00  A. IP 30 -#1K 08  (a) 4 Way + 4 Module  (b) 12 With 13 Amp A Sisolator, RCCB and RCBO  A. IP 30 -#1K 08  (a) 4 Way + 4 Module  (b) 12 With 13 Amp A Sisolator, RCCB and RCBO  A. IP 30 -#1K 08  (a) 4 Way + 4 Module  (b) 12 With 13 Amp A Sisolator, RCCB and PC A Sisolator A Sisolator A Sisolator A Sisolator, RCCB	approved quaity using PVC casing capping including 5 amperes switch Indian best quality ceiling rose etc. capable to a highest point  (a) Long point wiring upto 10mts  Qily 30 Nos @ ₹ 2255.00 /- eac  Qily Wiring as in item No.1 complete to a light plug point when fixed elsewhere with continous earth wire complete.  (a) Long point wiring upto 10mts  Qily 35 Nos @ ₹ 2625.00 /- eac  Qily with go a power plug as in item No.1 above with continous earth wire complete.  (a) Long point wiring upto 10mts  Qily 20 Nos @ ₹ 3628.00 /- eac  Qily 35 Nos @ ₹ 3628.00 /- eac  Qily 35 Nos @ ₹ 3628.00 /- eac  Qily 36 Nos @ ₹ 3628.00 /- eac  Qily 37 Nos @ ₹ 3628.00 /- eac  Qily 37 Nos @ ₹ 3628.00 /- eac  Qily 38 Nos @ ₹ 3628.00 /- eac  Qily 38 Nos @ ₹ 3628.00 /- eac  Qily 39 Drawing of Main and Sub-main line with all accessories.  (a) With 2×2.5mm² Copper Conductor  (b) With 2×4.5mm² Copper Conductor  (c) With 2×4.5mm² Copper Conductor  (d) With 4×1.0mm² Copper Conductor  (d) With 4×1.0mm² Copper Conductor  Qily 10 Mtrs @ ₹ 987.00 /- p/m  Qily 11 Nos @ ₹ 987.00 /- each  Miniature Circuit Breakers DX3 MCB's for AC application till 63 A  A. Single pole 240/410 V  (c) 63 Amp  C. Four pole 415 V  (c) 63 Amp  Qily 2 Nos @ ₹ 1543.00 /- each  C. Four pole 415 V  (c) 63 Amp  Qily 3 Nos @ ₹ 1543.00 /- each  C. Four pole 415 V  (c) 63 Amp  Qily 40 Nos @ ₹ 1543.00 /- each  Qily 3 Nos Ros Ros Ros Ros Ros Ros Ros Ros Ros R	approved quality using PVC casing capping including 3 amperes switch Indian best quality ceiling rose etc. capable to a highest point  (a) Long point wiring upto 10mts  2 Wiring as in item No.1 complete to a light plug point when fixed elsewhere with continous earth wire complete.  (a) Long point wiring upto 10mts  4 Wiring to a power plug as in item No.1 above with continous earth wire complete.  (a) Long point wiring upto 10mts  9 Drawing of a power plug as in item No.1 above with continous earth wire complete.  (a) Long point wiring upto 10mts  9 Drawing of Main and Sub-main line with DGSD approved VIR or PVC 250/440 Volt grade in PVC casing capping complete with all accessories.  (a) With 2×2.5mm² Copper Conductor  (b) With 2×2.5mm² Copper Conductor  (c) With 2×4.5mm² Copper Conductor  (d) With 2×4.5mm² Copper Conductor  (d) With 2×4.5mm² Copper Conductor  (d) With 4×10mm² Copper Conductor  (d) With 4×10mm² Copper Conductor  (d) With 4×10mm² Copper Conductor  Supplying & fixing of Load Kontaket Miniature Circuit Breakers DX3 MCB's for AC application till 63 A  A. Single pole 240/410 V  (b) 6-32 Amp  Onty-  10 Drawing of 3 mass mine 4 wire with grade Copper Conductor in casing capping with all accessories  (d) With 4×10mm² Copper Conductor  Quty-  10 Drawing of 3 mass main line 4 wire with grade Copper Conductor in Casing capping with all accessories  (d) With 3×10mm² Copper Conductor  Quty-  10 Drawing of 3 mass main line 4 wire with grade Copper Conductor in casing capping with all accessories  (d) With 4×10mm² Copper Conductor  Quty-  10 Drawing of 3 mass main line 4 wire with grade Copper Conductor in casing capping with all accessories  (d) With 3×10mm² Copper Conductor  Quty-  10 Drawing of 3×10mm² Quty-  2 Nos @ ₹ 1543.00 /- each ₹ 1543.00 /- eac

	_										18-3
10/		64 Supplying fitting and fixing of LED Bat	ten	T	T	T	Т				
		surface or wall mounted with all necess	arv	1		- 1					
		accessories.									
	1	(a)With polycarbonate housing & integra	bod	+-	+-	+	+			-	
		electronic driver.	cu		1					1	
		(iii) 20W (1150x25x40) mm	Ontri	+-	0 37	-	1			_	3.0
11/	1	66 Supplying fitting and fixing of LED PAN	Qnty-	4-	9 No	s (	3 3	₹ 679.00	/-	each	₹ 6111.00
		LIGHTING surface or wall mounted with	EL		1						
		necessary accessories.	all	1		1	1			1	1
		(c) 2X2 (595x595x70) mm recess mounti luminaire suitable for ceiling.	ng								
		rannan e sultable for ceiling.	1			- 1	1				1
		(ii) 34W				$\perp$					
	_		Qnty-	3	2 No	s @	) ₹	5382.00	/-	each	₹ 172224.0
- 1		(e) (SURFACE) LED flat panel for surfamounting	ce				Т				
-	_	(i) 1V1 15W (200, 200, 50)								1	1
12/	6	(i) 1X1 15W (300x300x70) mm	Qnty-		5 Nos	6	) ₹	2703.00	/-	each	₹ 13515.00
-	U	7 Supplying fitting and fixing of LE	D								1 100 10.00
		DOWNLIGHTS surface or wall mounted wi	th	1							
$\dashv$	_	all necessary accessories.					1				
- 1		h) Track Lights with luminous intensi	ty	-	1	1	$\dagger$			-	<del> </del>
		levels from 1500-3500 lumen which is the	16		1						1
		perfect alternate to conventional Hid lamp	s.								1
- 1		suitable for 3 circuit-4 wire universal track	s.								1
+					1						1
		(iii) 35W Dia 90 mm, Length 216 mm, Heig	nt			+	+		-	_	+
+		222 mm	Qnty-	4	Nos	100	₹	8637.00	,	each	₹ 2454B 00
4		(iv) Track Accessories	1		1	18	╀	0037.00		eacn	₹ 34548.00
		(1) 0 ) 6									1
-		(ii) 2 Mtr	Onty-	1	No	0	₹	6112.00	1	anak	E (110.00
3/	78		Qnty-	1	No	@	₹	6112.00	/-	each	₹ 6112.00
3/	78	Supplying fitting and fixing of STREE	r	1	No	@	₹	6112.00	/-	each	₹ 6112.00
3/	78	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a	r	1	No	@	₹	6112.00	/-	each	₹ 6112.00
3/	78	Supplying fitting and fixing of STREE	r	1	No	@	₹	6112.00	1-	each	₹ 6112.00
3/	78	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.	r II	1	No	@	₹	6112.00	1-	each	₹ 6112.00
3/	78	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\injur		1	No	@	₹	6112.00	/-	each	₹ 6112,00
3/	78	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initiation housing with high power led as lighting source.		1	No	@	₹	6112.00	/-	each	₹ 6112.00
3/	78	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initial in the country in the coun		1	No	@	₹	6112.00	/-	each	₹ 6112.00
3/	78	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initial in the surface and lens embedded PC cover having protection and impact resistance with 10KV Built-in surgest.		1	No	@	₹	6112.00	/-	each	₹ 6112,00
3/		Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initial nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.		1	No	@	₹	6112.00	/-	each	₹ 6112.00
3/		Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initial in the surface and lens embedded PC cover having protection and impact resistance with 10KV Built-in surgest.		1	No	@	₹	6112.00	/-	each	₹ 6112.00
		Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\inium housing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).	Conty								
3/	87	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust for	Qnty-		Nos			6112.00 5911.00		each	₹ 6112.00
	87	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initial initial housing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single.	Qnty-								
	87	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initial nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust fare double bearing self lubricating type single phase 50Hz 250V AC operated complete with	Quty-								
	87	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts.	Quty-								
	87	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts.	Quty-								
	87	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.	Quty-								
	87	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initial nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:	Quty-	6	Nos						
	87	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initial necessary accessories.  (b) LED street light made up of pres\\initial necessary accessories.  (c) LED street light made up of pres\\initial necessary accessories and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:  i) 300 mm (12"X1400 RPM)	Quty-	6		@	₹		/-	each	₹ 35466.00
	87	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:  ii) 300 mm (12"X1400 RPM)	Qnty-	6	Nos	@	₹	5911.00	/-	each	
	87	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:  ii) 300 mm (12"X1400 RPM)  Providing laying connection testing & commissioning of the following sizes of 1100V	Qnty-	6	Nos	@	₹	5911.00	/-	each	₹ 35466.00
	87   (() () () () () () () () () () () () ()	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:  i) 300 mm (12"X1400 RPM)  Providing laying connection testing & ommissioning of the following sizes of 1100V PVC/XLPE Armoured Cables With Aluminium	Qnty-	6	Nos	@	₹	5911.00	/-	each	₹ 35466.00
	87 ((() () () () () () () () () () () () (	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:  i) 300 mm (12"X1400 RPM)  Providing laying connection testing & ommissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium Conductor as per ISI code in bracket, trenches	Qnty-	6	Nos	@	₹	5911.00	/-	each	₹ 35466.00
	87   ( ( ( ( 97 P	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:  i) 300 mm (12"X1400 RPM)  Providing laying connection testing & ommissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium Conductor as per ISI code in bracket, trenches, M.S. cable rods and including the cost of digging M.S. cable rods and including the cost of digging	Qnty-	6	Nos	@	₹	5911.00	/-	each	₹ 35466.00
	87   ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia necessary accessories.  (b) LED street light made up of pres\\initia necessary accessories.  (c) LED street light made up of pres\\initia necessary accessories.  (d) LED street light made up of pres\\initia necessary accessories and lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:  (i) 300 mm (12"X1400 RPM)  Providing laying connection testing & commissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium conductor as per ISI code in bracket, trenches, M.S. cable rods and including the cost of digging for trenches, sand cushioning with laying etc and	Qnty-	6	Nos	@	₹	5911.00	/-	each	₹ 35466.00
	87 ((((((((((((((((((((((((((((((((((((	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia necessary accessories.  (b) LED street light made up of pres\\initia necessary accessories.  (c) LED street light made up of pres\\initia necessary accessories.  (d) LED street light made up of pres\\initia necessary accessories and lens embedded PC cover having protection and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:  (i) 300 mm (12"X1400 RPM)  Providing laying connection testing & commissioning of the following sizes of 1100V PVC/XLPE Armoured Cables With Aluminium conductor as per ISI code in bracket, trenches, M.S. cable rods and including the cost of digging for trenches, sand cushioning with laying etc and affilling the same in layers or by supporting them.	Qnty-	6	Nos	@	₹	5911.00	/-	each	₹ 35466.00
	87 ((((((((((((((((((((((((((((((((((((	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia necessary accessories.  (b) LED street light made up of pres\\initia necessary accessories.  (c) LED street light made up of pres\\initia necessary accessories.  (d) LED street light made up of pres\\initia necessary accessories and lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:  (i) 300 mm (12"X1400 RPM)  Providing laying connection testing & commissioning of the following sizes of 1100V VC/XLPE Armoured Cables With Aluminium conductor as per ISI code in bracket, trenches, M.S. cable rods and including the cost of digging for trenches, sand cushioning with laying etc and	Qnty-	6	Nos	@	₹	5911.00	/-	each	₹ 35466.00
	87 (() (() () () () () () () () () () () (	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia nousing with high power led as lighting source and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:  ii) 300 mm (12"X1400 RPM)  Providing laying connection testing & conductor as per ISI code in bracket, trenches, M.S. cable rods and including the cost of digging for trenches, sand cushioning with laying etc and stilling the same in layers or by supporting them it walls and all other accessories as required.	Qnty-	1	Nos	@	₹	5911.00	/- /- 6	each	₹ 35466.00
	87 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Supplying fitting and fixing of STREE LIGHT surface or wall mounted with a necessary accessories.  (b) LED street light made up of pres\\initia necessary accessories.  (b) LED street light made up of pres\\initia necessary accessories.  (c) LED street light made up of pres\\initia necessary accessories.  (d) LED street light made up of pres\\initia necessary accessories and lens embedded PC cover having protection and lens embedded PC cover having protection and impact resistance with 10KV Built-in surge Protection device.  (v) 48W suitable for pole dia Ø 43 mm (max).  Supplying fitting and fixing of exhaust far double bearing self lubricating type single phase 50Hz 250V AC operated complete with supporting frame, fan blades, nuts and bolts and other petty accessories as required.  (b) Heavy Duty Exhaust Fan:  (i) 300 mm (12"X1400 RPM)  Providing laying connection testing & commissioning of the following sizes of 1100V PVC/XLPE Armoured Cables With Aluminium conductor as per ISI code in bracket, trenches, M.S. cable rods and including the cost of digging for trenches, sand cushioning with laying etc and affilling the same in layers or by supporting them.	Qnty-	1	Nos	@	₹ 6	5911.00	/-   /-	each	₹ 35466.00

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16/	132	Supplying fitting & fixing of A.C. with heating and cooling facility including supply of all necessary accessories as required for installation of Air Conditioner (AC)	e									10
17/	140	(b) 2 ton capacity  Supplying fitting and fixing of Copper	Qnty-	6	Nos	@	₹	106112.00	/-	each	₹	636672.00
		& copper base plate at the bottom complete									T	
18/	145	(a) With 3ft high Copper rod	Qnty-	1	Nos	@	₹	17060.00	/-	each	₹	17060.00
		Supply fitting and fixing of MFE 40, G.I Chemical Earthing electrode filled with CMM and Back fill compound (BFC)						1,000,00	,-	Cacii		17060.00
-		(a) Diameter: 50mm Length: 2 meter	Qnty-	4	Nos		=	24170.00	_		L	
.9/	154	Supplying fixing connection testing of 8SWG wire along the wall, columns etc, with necessary clamping as required		-	1105	@	<	24179.00	<i>J</i> -	each	₹	96716.00
+	-	(a) With copper wire	Qnty-	25	Mtrs	@	₹	155.00	/-	p/mtr	₹	3875.00
										_	_	1609010 00

(Rupees Sixteen Lakh Eight Thousand Nine Hundred Nineteen) only.

Junior Engineer PWD
Electrical Division Shillong

## SHRI RIWOT-O. SUSNGI

QUOTATION

MAWI AL SVITAINABIALL CHILL COLOR		
MAWLAI SYLLAIKARIAH, SHILLONG, MAWLAI,	East Khasi Hills Maghalava	702017
CCTIN. 474VCDCCCCCC	miasi rims, megnalaya	, \220T\

GCTIN, 1714CDSCC.	Meghalaya, 793017						
GSTIN: 17AYQPS8211F1Z2	State: Meghalaya / State Code: 17						
Buyer:	Quote No.: RS/S/22-23/0026	02 December 2023					
Registra	Date of Revision:	11 December 2023					

To The Registrar

National Law University of Meghalaya

Address: Mayurbhanj Complex, Nongthymmai, Shillong - 793014

E-mail:

Contact No.:

GSTIN:

Destination: Shillong

Delivery Date:

Other Ref.: Auditorium - National Law University of Meghalaya

Transportation / Service Mode: Self Place of Supply / Service : Shillong

OPTION 1: with 98" inch Interactive Display Panel

PROJECT: Supply, Installation, Testing & Commissioning of Audio - Visual Equipment, Video Conferencing System, Network with 3 Years Product Warranty and 3 Years onsite Maintenance.

•	Part - A : PRODUCTS V	WITH SEF	RVICES			
Sr.		QTY	иом	Rate	GST	Amount
ı	Audio Solution - (Input: Microphones)	SWIME		Excl. of GST	%	Excl. of GST
1	Supply, Installation, Testing & Commissioning of Beamforming microphone with True Frequency Invariant Beamformer:  Beamforming microphone with True Frequency Invariant Beamformer: Gain response is unvarying across frequency, Beamwidths: 350, 450 and 550 with Frequency Invariance, Beamforming Range: 100 Hz to 20 KHz, Deep Sidelobes: Down to 45 dB of depth, Beam Pointing Accuracy: 0.2 dB, Dynamic Range: 20 Hz to 20 KHz, > 70 dB, Number of Beams: Up to 12  Room Patterns: Full Circle/Square, Rectangular, Semi-Circle/ Classroom, Custom Beams Preferred Make: CLEARONE / SHURE / SENNHEISER/ EQUIVALENT  OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.: BMA 350/ Any Equivalent model	6	Nos	₹ 6,74,593.92	18%	₹ 40,47,563.52
1.1	Supply, Installation, Testing & Commissioning of 36 watts POE injector for above ceiling tile microphone Preferred Make: CLEARONE / SHURE / SENNHEISER/ EQUIVALENT OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 36W POE / Any Equivalent model	6	Nos	₹ 26,013.00	18%	₹1,56,078.00
	Supply, Installation, Testing & Commissioning of 18" Cardioid Gooseneck Microphone with Preamp: Features  * Desktop base with 10' attached cable is ideal where permanent installation is impractical  * Programmable on/off switch and LED on/off indicator  * Bright LED improves visibility under strong ambient lighting  * Wide dynamic range and frequency response for accurate sound reproduction across the audio spectrum  * Interchangeable cartridge design lets you choose the right polar pattern for every application  * Balanced transformeriess output for increased immunity to noise over long cable runs  * Snap-fit foam windscreen included  Preferred Make: SHURE / SENNHEISER / BEYERDYNAMIC  OEM PRODUCT WARRANTY: 2+1 Years  Ref. Model No.: MX418D/C / Any Equivalent model	1	Nos	₹ 34,942.88	18%	₹34,942.88

1						
	Supply, Installation, Testing & Commissioning of Digital Wireless Handheld dynamic supercardiold microphone with receciver;  Features:  Digital Wireless Handheld dynamic supercardiold microphone with receciver, mic frequier SO to 16,000 Hz, 24-bit digital audio, 20 Hz to 20 kHz transmitter frequency range, Automatic channels can, rechargeable battery lithium-ion" RF Output Powe 1 mW/10 Mw, Tuning bandwidth 44 MHz Maximum Input Level 8.2 dBV, metal construction frequency band 32 available channels per frequency compatible systems Up to 10 /12 compatible systems per 6MHz/8MHz dynamic range 118 dB RF Carrier Frequency Range 470–937.5 MH Working Range 100 m (328 ft) RF Sensitivity -97 dBm Latency 3.2 ms, Battery Type Rechargeable Lillor AA Battery Life Up to 8 hours, THD <0.02%, Wireless reciever Housing Galvanized Steel, Digital predictive switching diversity, receivers over scan and IR sync, Remote monitoring an control, Phantom Power Protection, 1/4" (6.35 mm): Balanced, XLR: Balanced, Network Interface, Single Port Ethernet 10/100 Mbps, DHCP or Manual IP address Impedance "50 Ω" Connector Type BNC Audio output "Gain Adjustment Range -18 to +42 dB " Mic/Line Switch 30 dB pad Maximum Cable Length 100 m (328 ft Power Requirements 15 VDC @ 600 mA Construction Rugged metal rack mount, Operating Temperature Range -18 "C to 50 "C. Pereferred Make: SHURE / SENNHEISER / BEYERDYNAMIC OEM PRODUCT WARRANTY: 2 + 1 Years Ref. Model No.: SLXD24IN/BSB/ Any Equivalent model	on 4	No	25 ₹ 85,623.	55 18%	₹ 3,42,494
7	Supply, installation, Testing & Commissioning of In-Line Power Adapter: In-line power adapter supplies 12V DC bias power over a coaxial cable and supports up to 3 active antenna devices. Preferred Make: SHURE / SENNHEISER / BEYERDYNAMIC  OEM PRODUCT WARRANTY: 2 +1 Years  Ref. Model No.: UABIAST-IN / Equivalent	2	Nos	₹ 10,309.6	0 18%	₹ 20,619.
8	Supply, installation, Testing & Commissioning of Wall-Mounted Wideband Antenna: Wideband UHF frequency range ensures compatibility with most receivers Up to 100 degrees coverage pattern (3dB beam width, region dependent) Four-position RF gain switch with pad/boost (-20, -10, 0, +10 dB) Attached BNC cable for surface or through-wall cable routing options Low-profile design Metal surface mounting capability Neutral white, paintable housing Preferred Make: SHURE / SENNHEISER / BEYERDYNAMIC OEM PRODUCT WARRANTY: 2 +1 Years Ref. Model No.: UAB64A / Equivalent	2	Nos	₹55,984.60	18%	₹ 1,11,969.
9	Supply, Installation, Testing & Commissioning of Coaxial Antenna Cable 50' Feet: SO-foot coaxial cable is for use below 1GHz. Preferred Make: SHURE / SENNHEISER / BEYERDYNAMIC OEM PRODUCT WARRANTY: 2 + 1 Years Ref. Model No.: UA850 / Equivalent	2	Nos	₹ 13,532.81	18%	₹ 27,065.6
	TOTAL OF PART: I- Exclusive of GST.	7 47 40	<u> </u>			
11	Audio Solution - (Output: Speakers)	₹ 47,40,73	2.63			
ii.	AUDIO- CONFERENCE					
1	Supply, Installation, Testing & Commissioning of Compact 2 way 3.25-4" In-ceiling Loudspeaker: Frequency range (-10dB) of 75Hz to 20kHz; Power handling of 100Watt peak; Nominal dispersion of 120 conical; Sensitivity of 83 d8 SPL and Max SPL of 103 dB SPL peak; Nominal Impedance 8 Ohms; Integral multi-tap Transformer with tap settings of 6/12/24W @ 100V or better. with Powder-coated magnetic steel grill; Standard accessories for ceiling flush installs shall be included.  Area: Stage and Audience area  Preferred Make: L ACOUSTIC / D&B AUDIOTECHNIK / BOSE / QSC  Ref. Model No.: DM3C / Equivalent	16	Nos	₹ 25,078.63	18%	₹ 4,01,258.00
	Supply, installation, Testing & Commissioning of integrated low impedance Class D Amplifier with output of 2 x 50 W @ 4 \( \Omega\$ 2 x 25 W @ 8 \( \Omega\$ .  Frequency Response - 40 Hz - 20 kHz (+0/-3 dB, @ 1 W reference 1 kHz); THD+N - 50.3 % (at full ated power); Channel Separation (Crosstalls, 3-560 dBV (below rated power, 1 kHz); A/D and D/A converters - 24-bit / 48 kHz; Audio Latency - 10.4 ms - (any input to speaker output or aux output); Maximum Input Level: +10 dBV or better. 1 balanced page input, I balanced mic/line input, 2 inbalanced line; built in loudspeaker EQs.  Freferred Make: L ACOUSTIC / D&B AUDIOTECHNIK / BOSE / QSC	8	Nos	₹ 73,568.43	18%	₹ 5,88,547.46

3	SLipply, Installation, Testing & Commissioning of Professional Headphone:  Area: Control Room  Preferred Make: SHURE / SENNHEISER / D&B AUDIOTECHNIK / BOSE / QSC	1	No	₹ 37,881.78	18%	₹ 37,881.7
	TOTAL OF PART: II - Exclusive of GST.	₹ 10,27,	687.24		-	
III	- Addio System		T		-	
1	Supply, Installation, Testing & Commissioning of Semi Digital mixer Digital mixer with Large (10-inch) multi-touch touchscreen offers a wealth of on-screen information whalle also providing confident hands-on control, Anti-Feedback and Room Tuning Wixards simplify complex equalization tasks, Two real-time analyzers (RTA) provide instantaneous display of channel torial balance and room response, Touch-and-route patch matrix provide easy "multing" and rearrangement of inputs, 14 Aux mixes provide ample monitor configuration options, Eight sub- groups with 6-band full parametric EQ, variable high- and low-pass filters and limiter may be linked for stereo, A gain sharing Automatic Microphone Mixer is available for all 24 mic/line input channels, 32-channel direct-to-hard drive record/playback — capture and recall performances without the need for an external computer, 32-channel DAW interface with macOS® and Windows® corriputers allows for bidirectional I/O with popular workstation software, MP3 playback direct from USB.  Preferred Make: QSC/ Behringer/Allen & heath /Yamaha/ Midas/ Equivalent  OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.: TouchMix 30 Pro / Equivalent	1	No	₹ 3,03,412.50	18%	₹ 3,03,412.50
2	Supply, Installation, Testing & Commissioning of Main audio controller with Input Frequency Response:  Main audio controller with Input Frequency Response, 20Hz to 20kHz @ +21dBu +0.05dB/-10.5dB, Input THD+N @ 1KHz, @ +21 dBu Sensistivity & +21 dBu Input < 0.1%, EIN (no weighting, 20Hz to 20kHz) < -121dB, Input to Input Crosstalk @ 1kHz >110dB Typical, 90dB Max, Input Impedance (balanced) 5K Ohms Nominal, Input Sensitivity Range (1dB Steps)-39 dBu min to +21 dBu max, Phantom Power, 10mA per input max, Sampling Rate 48kHz, A/D — D/A Converters 24-bit.0Hz to 20kHz @ all settings®0.2/-0.5 dB, Output THD 0.003%, +10 dBu Max output level, Output Crosstalk @ 1kHz >100dB Typical, 90dB max, Output Dynamic Range >108dB, Output Impedance (balanced) 220 0hms, Output Level Range : (1dB Steps) -39 dBu min to +21 dBu max.  Preferred Make: QSC/ Behringer/Allen & heath /Yamaha/ Midas/ Equivalent OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.: Core 110F /Equivalent	1	No	₹5,78,550.00	18%	₹5,78,550.00
1.1	Supply, Installation, Testing & Commissioning of Q-SYS Software-based Dante 32x32 Channel License, Perpetual Preferred Make: QSC / Equivalent Ref. Model No.: SLDAN-32-P / Equivalent	1	No	₹ 1,14,796.50	18%	₹1,14,796.50
1 I	Supply, Installation, Testing & Commissioning of Digital Signal Processor:  DSP with 12 inputs with AEC, 8 outputs, USB audio; GPIO, RS-232, IP control interfaces; and P-Link and C-Link expansion buses.Frequency Response: 20 Hz = 22 kHz @ +4 dBu, +/-0.5 dBu EIN (Equivalent Input Noise): 20 kHz BW, max gain, Rs = 150 \(\Omega\$, -126 dBu, THD + N (Total Harmonic Distortion + Noise): 20 Hz = 22 kHz @ +4 dBu, line level, 0.006 % 20 Hz = 22 kHz @ -56 dBu, mic level, < 0.04 %, Dynamic Range: 20 Hz = 20 kHz @ 0 dB, > 105 dB, Crosstalk (Mic/Line): Channel to Channel, stimulus at 20 dBu to receptor at -56 dBu, 1 kHz, < -98 dB, Input Impedance: Balanced (line to ground), 2,2 k\(\Omega\$, 1\) %, Nominal Input Level: Adjustable -56 dB to 0 dB, 7 dB step coarse gain, Maximum Input Level: -65 dBu to 20 dBu, Phantom Power: 48 V, Impedance 6.81 k\(\Omega\$, Output Impedance: Balanced (line to ground), 95 \(\Omega\$, 3, 0utput Level: 0 dBu (Nominal), 20 dBu (Max), -40 dBu (Selectable) USB Audio - Port Type: USB-B connector  Preferred Make: Clearone/ QSC / Bose/ Equivalent  DEM PRODUCT WARRANTY: 3 Years  Lef, Model No.: CONVERGE Pro 2 128 / Equivalent	1	No	₹ 5,58,250.00	18%	₹ 5,58,250.00

110	OTAL OF PART:IV - Exclusive of GST.	₹ 16,00,57	2.50		_	
OI	upply, installation, Testing & Commissioning of Adjustable Mount Kit referred Make: BTECH / LEGRAND / Equivalent EM PRODUCT WARRANTY: Standard Warranty as per OEM	2	Nos	₹ 16,530.00	18%	₹ 33,060.00
+	supply, installation, Testing & Commissioning of Customized Trolly referred Make: Custom	1	No	₹ 13,200.00	18%	₹ 13,200.00
A C R	Supply, Installation, Testing & Commissioning of 32" Hotel TV; Display. Inch: 32". Backlight Type: LED (Direct). Resolution: 1,920 x 1,080 (FHD). Brightness (cd/m²): 240; Inch: 32"; Backlight Type: LED Approved Make: LG / SAMSUNG / CHRISTIE DEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 32LN660H / Any Equivalent model	1	Nos	₹ 21,262.50	18%	₹21,262.50
2	Supply, Installation, Testing & Commissioning of 65" inch UHD Smart Signage Display: 65" USD, Brightness 400nits, Smart Signage, Embedded Content Management, Embedded Group Manager, Super Sign Control+, Welcome Image, Audio Out 10W +10W, Web OS4.0, Miracast, IR Out, USB, HDMI, LAN, wifi inbuilt Preferred Make: LG / SAMSUNG / CHRISTIE OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 65UR640S / Any Equivalent model	2	Nos	₹ 88,515.00	28%	₹1,77,030.0
1.1	Supply, Installation, Testing & Commissioning of OPS: Intel Core i7 11th Gen 16GB DDR4 RAM, S12GB SSD WI-FI, Windows 11 Pro Preferred Make: SPECTRA / EQUIVALENT OEM PRODUCT WARRANTY: 3 Years Return to Bench Warranty	1	No	₹ 61,740.00	18%	₹ 61,740.0
1	Supply, Installation, Testing & Commissioning of 98" inch Interactive Display Panel: Brightness: 390 nit (w/o Glass, Typ.) Multi Touch Point: 20 Points (Max.) Interface: HDMI (3, HDCP 2.2 / 1.4), Audio In, R5-232C In, RI45 (LAN), USB 3.0 Type A (4), USB 2.0 Type A, USB Type C (USB-PD, DP-Alt, Mode) Preferred Make: LG / SAMSUNG / CHRISTIE / PeopleLink OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 98TR3PJ / Any Equivalent Model	1	No	₹ 12,94,280.00	0 18%	₹ 12,94,280.
IV	Output)					
	TOTAL OF PART: II - Exclusive of GST.	₹ 22,89,	071.50	-	+-	
4	Supply, Installation, Testing & Commissioning of Digital Signal Processor with DANTE Support:  Multi-channel DSP with built-in support for Dante audio networking, VoIP conferencing, Telco interface, and the latest audio DSP algorithms. "It should Supports SIP, Dante*, 12 configurable mic/line audio inputs, 8 configurable mic/line audio outputs, built-in USB audio, and a Telco interface for POTS calls. Frequency Response: 20 Hz – 22 kHz @ +4 dB +/- 0.5 dBu,EIN (Equivalent Input Noise): 20 kHz BW, max gain, Rs = 150 Ω, -126 dBu.THI + N (Total Harmonic Distortion + Noise): 20 kHz BW, max gain, Rs = 150 Ω, -126 dBu.THI + N (Total Harmonic Distortion + Noise): 20 Hz – 22 kHz @ +4 dBu, line level, 0.006 % 20 Hz – 22 kHz @ +2 dBz, line level, 0.006 % 20 Hz – 22 kHz @ 0 dB, > 10: dB.Port Type: RI-45 Gigabit Ethernet connectors for Primary and Secondary Ports Audio Digital Audio, 16 x 16 bidirectional channels Sample Rate: 48 kHz / 96 kHz.Sample Bit Depth: 24-Bit.Acs67 Mode: Enabled through Dante controller software. Support: Control Status, Variable Voltage Control Power Pin: 5 VDC @ 350 mA Power Source.Input Impedance: Balanced (line to ground), 2.2 kΩ, 1 % Nominal Input Level: Adjustable -56 dit to 0 dB, 7 dB step coarse gain Maximum Input Level: -65 dBu to 20 dBu Phantom Power: 48 V, Impedance 6.81 kΩ*  Preferred Make: Clearone/ QSC / Bose/ Equivalent OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.: CONVERGE Pro 2 128VTD / Equivalent	a u,,	No	₹ 7,34,062.	50 18%	₹ 7,34,062

v	Control System, AV Switching & Value Added Items	T	Т		Т	
1	Supply, Installation, Testing & Commissioning of Control system with real-time, preemptive multi-threaded/multitasking kernel:  Control system with real-time, preemptive multi-threaded/multitasking kernel;  Transaction-Safe Extended FAT file system; supports up to 10 simultaneously running programs, Ethernet 100/1000 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, industry-standard TCP/IP stack, UDP/IP, CIP, DHCP, SSL, TLS, SSH, SFTP, SDRAM 2 GB, Flash 8 GB, Memory CardSupports 50 and 5DHC cards up to 32 GB, COM x 3, IR x 8, IO x 8, US8 (1) USB Type A connector, female USB 2.0 port for storage devices. Preferred Make: Crestron / Extron / Kramer / Equivalent  OEM PRODUCT WARRANTY: 2 + 1 Years  Ref. Model No.: CP-4 / Any Equivalent	1	No	₹ 2,47,500.00	D 18%	₹ 2,47,500.00
2	Supply, Installation, Testing & Commissioning of Control application with one user license.  Preferred Make: Crestron / Extron / Kramer / Equivalent  OEM PRODUCT WARRANTY: 2 + 1 Years  Ref. Model No.: Crestron-Tab / Any Equivalent	1	No	₹ 27,000.00	18%	₹ 27,000.00
3	Supply and Configuration of iPad (10th Generation) with Case: Make: Apple Warranty: OEM Standard Warranty	1	No	₹ 43,351.40	18%	₹ 43,351.40
4	Supply and Commissioning of AppleCare+ Make: Apple SLA: OEM Standard SLA	1	No	₹ 7,007.42	18%	₹ 7,007.42
5	Supply and Commissioning of Dock Station / Stand of IPad Make: Apple	1	No	₹ 9,005.08	18%	₹ 9,005.08
6	Supply, Installation, Testing & Commissioning of 8 x 8 True 4K HDMI Matrix Switch with Interfaces 8 x HDMI, Impedance 100 Ω, Max Data Rate 18 Gbps (6 Gbps Per Lane). Max. Pixel Clock 600 MHz, Compliance HDMI (3D, 4K, Deep Color), HDCP 2.2 Compatible, Consumer Electronics Control (CEC), Max Resolution Up to Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4), EDID Mode: Default / Remix / Customized (EDID Wizard support), RS-232 control, Ethernet control. Preferred Make: Aten/4thewall/Lightware/Liberty AV / Milestone/Kramer OEM PRODUCT WARRANTY: 2 + 1 Years Ref. Model No.: VM0808HB / Any Equivalent	1	No	₹ 4,32,503.40	18%	₹ 4,32,503.40
7	Supply, Installation, Testing & Commissioning of Multiviewer with HDMI 2.0, HDCP 2.2 and HDCP 1.x compliant: Multiviewer with HDMI 2.0, HDCP 2.2 and HDCP 1.x compliant, Support 18Gbps video bandwidth, input and output resolutions support up to 4K@60Hz, Support LPCM, AC3, DD-, DTS, DTS-HD, up to 7.1 audio channel, Seamless switching between input channels and combined multiple images on single UHD monitor, Up to 8 display modes: SINGLE, PIP, PBP (1), PBP (2), Triple (1), Triple (2), Quad (1), Quad (2), Seamless switching on single screen display mode, Fast switching on multiview display mode Preferred Make: Aten/ 4thewail/ Lightware/Liberty AV / Milestone/ Kramer DEM PRODUCT WARRANTY: 2 + 1 Years Ref. Model No.: SC-PSW0401-4K30/ Any Equivalent	1	No	₹ 2,73,000.00	18%	₹ 2,73,000.00
fi s G (4 R P	Supply, Installation, Testing & Commissioning of True 4K HDMI Repeater with Audio imbedder and De-Embedder, Embeds audio to the HDMI output or de-embeds audio rom the HDMI signal and outputs the extracted signal through an alternative audio systemSupports 4K / HDR formats: HDR10, HDR10+, Dolby Vision and Hybrid Log-iamma (HLG). True 4K video quality – supports resolutions up to 4096 x 2160 @ 60Hz 4:44:4), HDMI (3D, Deep Color, True 4K); HDCP 2.2 compliant. Supports HDMI audio primats – LPCM 2.0, Dolby Digital 2.0, Dolby Digital 5.1 and DTS Digital 5.1. Max. Data ate 18 Gps Max. Pixel Clock 600 MHz.  referred Make: Aten/4thewali/ Lightware/Liberty AV / Kramer  EM PRODUCT WARRANTY: 2 + 1 Years ef. Model No.: VC882 / Any Equivalent	1	No	₹ 35,427.00	18%	₹ 35,427.00

	Supply, Installation, Tosting & Commission	T				1
9	Supply, Installation, Testing & Commissioning of HDMI HDBaseT-Lite Extender: HDMI Transmitter & Receiver with HDBaseT Connectivity – extends an HDMI connection ove a long distance via one Cat Se/6/6a cable, Interfaces 1 x HDMI Type A Female, Impedance 100Ω, Max Data Rate 10.2Gbps (3.4Gbps per lane), Max Pixel Clock 340 MHz, Compliance HOMI (3D, Deep Color, 4K) HDCP Compatible, Consumer Electronics Control (CEC), Max Resolutions / Distance Up to 4K@3Sm (Cat Se/6) / 40m (Cat 6a), 1080p@60m (Cat 5e/6) / 70m (Cat 6a), 4K supported, 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0), 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4).  Preferred Make: Aten/4thewall/ Ughtware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: VE801 / Any Equivalent Model		Pair	₹ 49,350.00	18%	₹ 5,42,850.00
10	Supply, Installation, Testing & Commissioning of 2-Port 4K HDMI Splitter with Interfaces 1 x HDMI, Impedance 100 \( O\), Max. Data Rate 10.2 Gbps (3.4 Gbps Per Lane), Max. Pixel Clock 340 MHz, Compliance HDMI (3D, Deep Color, 4K); HDCP Compatible, Max. Resolution Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4), Audio pass-through Preferred Make: Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: VS182A / Any Equivalent Model	4	No	₹16,919.70	18%	₹ 67,678.80
13	Supply, installation, Testing & Commissioning of Stage box with 8 input plate mounted XLR, 4 output plate mounted XLR.  Preferred Make: integrator / Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: Custom	2	Nos	₹ 12,967.50	18%	₹ 25,935.00
14	Supply, Installation, Testing & Commissioning of 8 x 4 Analog snake cable for stage box. Preferred Make: Integrator / Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: Custom	60	Mtr	₹ 551.25	18%	₹ 33,075.00
15	Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality—True 4K - 1 meter Approved Make : Aten/ 4thewaii/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.:21-7D01H / Any Equivalent model	10	Nos	₹ 1,258.48	18%	₹ 12,584.84
16	Supply, installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality – True 4K- 2 Meter Approved Make: Aten/ 4thewail/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 2L-7D02H-1 / Any Equivalent model	24	Nos	₹ 1,489.90	18%	₹ 35,757.70
17	Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compilant, Superior video quality — True 4K- 3 Meter Approved Make: Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 2L-7D03H / Any Equivalent model	3	Nos	₹ 2,007.84	18%	₹ 6,023.53
18	Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compilant, Superior video quality — True 4K-5 Meter Approved Make: Aten/ 4thewail/ Lightware/Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: 2L-7D05H-1 / Any Equivalent model	2	Nos	₹ 3,548.44	18%	₹7,096.88
19	Supply, installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compilant, Superior video quality – True 4K- 10 Meter Approved Make : Aten/ 4thewall/ Lightware/Liberty AV DEM PRODUCT WARRANTY: 3 Years Tef. Model No.: 2L-7D10H / Any Equivalent model	2	No	₹ 8,474.38	18%	₹ 16,948.76
1	FOTAL OF PART: III - Exclusive of GST.	₹ 18,22,74	-		-	

V	Video Conferencing System with Streaming and Recording		Т			
1	Supply, Installation, Testing & Commissioning of Auto tracking PTZ camera with 10X optical zoom:  Auto tracking PTZ camera with 10X optical zoom and 5X Digital zoom with ability to deliver 1920x1080 @ 60fps with HDMI, USB 2.0 / Ethernet or better, Camera must have 340 degree rotation and 120 degree tilt range or better, Camera must support the positioner tracking IR device (included in package) for accurate tracking of presenter, Must have auto tracking range of 10M radius or more, Camera must be compatible with various lecture capture platform, such as Echo 360, Panopto, and Kaltura, Camera must support control protocol VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/9500/4800/2400 bps and network protocol RTSP/RTMP, ONVIF, GBT28181; Support IP Visca control protocol; Distance update, Distance restart, Distance reset Preferred Make: Arec/ Clearone/ Adonis/ Crestron/ Lumens OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: CI-T21H / Equivalent	1	No	₹ 4,12,667.97	18%	₹ 4,12,667.9
2	Supply, Installation, Testing & Commissioning of PTZ Camera with minimum resolution of 1080P@60fps, Must have 20X optical zoom: PTZ Camera with minimum resolution of 1080P@60fps, Must have 20X optical zoom and 10X Digital zoom or higher, FOV of Minimum 55.8 degree wide-3.2 degree tele, 255 presets, Camera should support two or more simultaneous output throw HDMI, LAN, USB 3.0,must have inbuilt Talley light whicht glow at the time of recording throw media station, Camera should have Pan Rotation of 170°, Tilk Rotation of -30°~+90°. Pan Control Speed 0.1-60°/sec, Tilt Control Speed 0.1-60°/sec, Preset Speed Pan: 60°/sec, Tilt: 30°/sec or better, Must support RTSP/RTMP, ONVIF, GBT28181; Support network protocall IP Visca control protocol; Distance update, Distance restart, Distance reset. Preferred Make: Arec/ Clearone/ Adonis/ Crestron / Lumens OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: CI-22H / Equivalent	3	Nos	₹ 2,33,450.00	18%	₹7,00,350.00
3	Supply, Installation, Testing & Commissioning of Camera wall mount Kit. Preferred Make: Any Reputed Make / Custom	4	Nos	₹ 7,290.00	18%	₹29,160.00
	Supply, installation, Testing & Commissioning of 4K UHD Media Station (Video Sources Capturing Device):  All in one device Up to 2ch 4K UHD or 4ch FHD Video Sources Capturing, Mixing, Switching, Recording and Live Streaming, it enables the capture, mixing, switching, recording, streaming, and backup of 2CH 4K UHD or up to 4CH Full HD video sources.it must have video input Interface HDMI*2 RJ-45*2 (supports iP streaming: up to 4 channels) USB*3 (UVC), it must have audio inputs 3.5mm Stereo Une in *1 HDMI*2 Balanced audio-in with a 6-pin Phoenix connector*1  USB (UAC)*1 RJ-45*2 (Supports digital audio inputs) Supports network H.264/H.265 (HEVC) protocol: RTMP/RTMPS/RTP/RTSP, NDI HX, SRT(push). The RJ-45 ports can support network cameras, compatible with 3rd party network cameras, encoders, streaming sources via IP streaming.Supports network protocol: RTMP/RTMPS/RTSP, NDI HX, SRT(push), and Dante 2x2. Video Outputs HDMI*1 for loop out (Max. 4K UHD, HDMI2 loop through) HDMI*1 for preview (Max. 1080p, PGM with graphic user interface) HDMI*1 for display (Max. 4K UHD, single source or multi-source monitoring or PGM), audio Outputs 3.5mm Stereo Line out*1  HDMI*2,DP*1, Local storage should be 2TB 2.5* SATA III Hard Drive. Video Encoding Resolution—Max. 4K UHD (640x360 *3840x2160). A variety of resolution can be selected. It should have webbased Video Manager platform, Backup & Intregation -FTP/ SFTP/ Opencast/ Panopto/ Kaltura/ AREC MediaCenter/ NAS/ Google Drive.capable of recording 1 video channel up to 4K 2160p 30fps.its have the flexibility to choose between two recording modes: 1 mixed mode (PGM video recording) or 1 mixed + 4 individual Input sources recording mode.  Approved Make: Lumens / Wolfvision / Crestron / Lumens / Equivalent  DEM PRODUCT WARRANTY: 3 Years  Ref. Model No.: LS-410 / Equivalent	1	No	₹7,08,708.00	18%	₹ 7,08,708.00

	Supply, Installation, Testing & Commissioning of Wireless presentation and collaboration system:  Wireless presentation and collaboration	T	T		Т	1
	Wireless presentation and collaboration system with Operating system Linux, Output resolution 2160p60/30, 1080p FHD 60/30, 720p, Supported devices for wireless mirroring (to 4K depending on device) IOS, iPadOS, Android, Windows, macOS, Chrome OS, Supported Software & Apps vSolution App, vSolution Link Pro, Media Player: Supported image file formats Gif, JPEG, BMP, PNG, Media Player: Supported document file formats PDF, Word, PowerPoint, Excel, Text, HTML, Media Player: Supported audio file formats MP3, WMA, MKJOGA, OGG, Cloud services Yes, Google Drive, Dropbox, Jianguoyun, OneDrive, WebDAV protocol, Touchback control for Windows, Support for touchscreen displays. Approved Make: Wolfvision / Crestron/ Adonis / Infobit / Kramer / Equivalent OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.: Cynap Core Pro / Equivalent		N	₹ 6,80,680.0	0 18%	₹ 6,80,680
6	Supply, Installation, Testing & Commissioning of Professional 4K HDMI to USB 3.0 Video Capture Device:  4K HDMI USB Capture for integration of an AV source or system with a computer in a sof codec videoconferencing application with 1x HDMI + 1x 3.5mm, input video bandwidth 600MHz, Output bandwidth Up to 350Mbps (USB-C), Video support Up to 4K@30/1080P@120, OS support Windows 7 /8.1 /10, Mac and Linux OS, Power supply Via USB-C.  Approved Make: Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.: DS-HZU / Any Equivalent model	1	No	₹ 64,960.00	18%	₹ 64,960.
7	Supply, Installation, Testing & Commissioning of 10M USB 3.1 Gen 1 Extender Cable: 10m USB 3.1 Gen1 Extender Cable with 1 x USB 3.1 Gen1 Type A Male, Downstream 1 x USB 3.1 Gen1 Type A Female, USB 3.1 Gen1 / 2.0 / 1.1 for Super / High / Full or Low speed, Cable Length 10 m, Data Rate Up to 5 Gbps. Approved Make: Aten / 4thewall / Ughtware / Liberty AV OEM PRODUCT WARRANTY: 1 + 2 Years Ref. Model No.: UE3310 / Any Equivalent model	2	Nos	₹ 21,809.23	18%	₹ 43,618.4
8	Supply, Installation, Testing & Commissioning of Rack Mount / Tower Workstation along with Required accessories:  System Configuration:  Product Type: Tower Desktop, Operating System:Windows 10 Pro / 11 Pro, Processor Family: 12th Generation Intel Core i7 processor, Processor: Intel Core i7-12700 (up to 4.9 GHz with Intel Turbo Boost Technology, 25 MB L3 cache, 12 cores, 20 threads), Graphics: Discrete, NVIDIA Quadro T1000 (4 GB GDDR6 dedicated),  Memory: 16 GB DDR5-4800 MHz RAM (1 x 16 GB), Memory Slots: 4 DIMM Internal Storage: 512 GB PCIe M.2 SSD OEM PRODUCT WARRANTY: 3 Years	1	Set	₹ 2,32,875.00	18%	₹ 2,32,875.0
9	Supply, installation, Testing & Commissioning of 24 inch Full HD IPS Panel Monitor with HDMI Port, DP Port & VGA Port: along with DP Cable, HDMI Cable, DVI to HDMI Cable and Mount Kit.	2	Nos	₹ 17,460.00	18%	₹ 34,920.0
	TOTAL OF PART: VI - Exclusive of GST.	₹ 29,07,9	39.44		-	
VII	Video Surveillance, IP Phone, SIP Speaker and Network Components		T		-	
1	Supply, Installation, Testing & Commissioning of 4MP Fixed Lens IP IR Dome Camera with Built-in Mic, SD Card Slot & Encloser Junction Box: Features 4 MP IP Dome camera, 1/2.7" CMOS, F1.6, Fixed Iris, 120dB, 30m IR, 0.002Lux, 2560x1440@30fps, Built-in Mic, IP66, PoE, Metal+Plastic housing, Starlight Preferred Make: GVD - Octocam/xxls/ Pelco / BOSCH/ Avtron OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: AM-DM4035-FMR1	5	Nos	₹ 13,010.25	18%	₹ 65,051.25
	Supply, Installation, Testing & Commissioning of 4MP Fixed Lens IP IR Bullet Camera with SD Card Slot & Encloser Junction Box: Features  4 MP IP Bullet camera, 1/2.7" CMOS, F1.6, Fixed Iris, 120dB, 50m IR, 0.002Lux, 2560x1440@30fps, Built-in Mic, IP67, PoE, Metal+Plastic housing, starlight Preferred Make: GVD - Octocam/Axis/ Pelco / BOSCH/ / Avtron DEM PRODUCT WARRANTY: 3 Years Ref. Model No.: AM-DM4064-FMA2	6	Nos	₹ 13,010.25	18%	₹ 78,061.50

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	3	Supply, Installation, Testing & Commissioning of 64 GB Ultra Class / Professional SD Card for Secondary Recording Preferred Make: Sandisk / Samsung / Equivalent OEM PRODUCT WARRANTY: 3 Years	4	Nos	₹ 733.1	3 18%	₹ 2,932.50
ū.	4	Supply, installation, Testing & Commissioning of SIP Intercom Speaker with Two communication:  Full-duplex speakerphone with HD acoustic chamber, advanced acoustic echo cancellation, 3 directional mics with MMAD & microphone beamforming array and 1 omnidirectional auxiliary microphone, Full-band and wide-band sudio codec support including Opus & G.722, Integrated dual-band 802.11 a/b/g/n/ac WI-Fi and Bluetooth  One 10/100Mbps network port with PoE/PoE+, 2-pin multi-purpose input to support peripherals including call buttons  Preferred Make: GRANDSTREAM/ TONMIND / CYBERDATA/ ALGO  OEM PRODUCT WARRANTY: 3 Years   Ref. Model No.: GSC3516		Nos	₹ 43,590.4	0 18%	₹ 87,180.80
	5	Supply, Installation, Testing & Commissioning of Enterprise Gigabit PoE WIFI 6 Access Point Preferred Make: CISCO-Catalyst/ JUNIPER Ref.: C9105AXI-D / Any Equivalent model OEM PRODUCT WARRANTY: Standard Warranty	2	Nos	₹ 68,068.00	18%	₹ 1,36,136.00
	6	Supply, Installation, Testing & Commissioning of Gigabit PoE WiFi Access Point / Router Preferred Make: NETGEAR / D-Link / Equivalent Ref.: OEM PRODUCT WARRANTY: Standard Warranty	1	No	₹ 21,420.00	18%	₹21,420.00
	7	Supply, Installation, Testing & Commissioning of Layer 2 24x 10/100/1000 Ethernet PoE+ ports and 370W PoE budget, 4x 1G SFP uplinks - Managed Switch with PSU and all necessary Licenses.  Preferred Make: CISCO-Catalyst/CISCO Miraki/ JUNIPER / EXTREME  Ref. Model: C1000-24FP-4G-L  OEM PRODUCT WARRANTY: Standard Warranty	1	No	₹ 2,09,440.00	18%	₹ 2,09,440.00
J#22	8	Supply, Installation, Testing & Commissioning of Layer 2 24x 10/100/1000 Ethernet PoE+ ports and 195W PoE budget, 4x 1G SFP uplinks - Managed Switch with PSU and all necessary Licenses.  Preferred Make: CISCO-Catalyst/CISCO Miraki/ JUNIPER / EXTREME  Ref. Model: C1000-24P-4G-L / Any Equivalent model  OEM PRODUCT WARRANTY: Standard Warranty	1	No.	₹ 1,17,810.00	18%	₹ 1,17,810.00
	9	Supply, Installation, Testing & Commissioning of Layer 2 24x 10/100/1000 Ethernet ports, 4x 1G SFP uplinks - Managed Switch with PSU and all necessary Licenses.  Preferred Make: CISCO-Catalyst/CISCO Miraki/ JUNIPER / EXTREME  Ref. Model: C1000-24T-4G-L  OEM PRODUCT WARRANTY: Standard Warranty	1	No.	. ₹ 68,068.00	18%	₹ 68,068.00
	10	Supply, Installation & Commissioning of 1GBASE-SR SFP Module/ Media Converter (Single Mode) Preferred Make: CISCO-Catalyst/CISCO Miraki/ JUNIPER / EXTREME/TP-Link Ref. Model: 1G SFP - GLC-LH-SMD / Any Equivalent model OEM PRODUCT WARRANTY: Standard Warranty	4	Nos	₹ 22,176.00	18%	₹ 88,704.00
0		Supply, Installation, Testing & Commissioning of RJ-45 Information Outlet (IO) Full Set Keystone, Back Box, Dual Faceplate  2 x Keystone + Dual Face Plate+ Backbox + Black Plate Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ DIGISOL OEM PRODUCT WARRANTY: S Years	6	Nos	₹ 1,032.75	18%	₹ 6,196.50
	12	Supply, Installation, Testing & Commissioning of 24 Port Loaded Patch Panel (Toolless) Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ DIGISOL OEM PRODUCT WARRANTY: 3 Years Ref. Model No.: R195498 + R810598 / Any Equivalent model	2	No	₹ 9,922.50	18%	₹ 19,845.00
	13	Supply, Installation, Testing & Commissioning of Gigabit UTP CAT-6 Patch Cord - 1 Meter Preferred Make: MOLEX/3C3/LEGRAND/ R&M/ DIGISOL DEM PRODUCT WARRANTY: 3 Years Ref. Model No.: R875976 / Any Equivalent model	20	Nos	₹313.88	18%	₹ 6,277.50
	14	Supply, installation, Testing & Commissioning of Gigabit UTP CAT-6 Patch Cord - Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ Belden/Equivalent DEM PRODUCT WARRANTY: 3 Years lef. Model No.:	25	Nos	₹ 349.31	18%	₹ 8,732.81

1	Supply, Installation, Testing & Commissioning of Gigabit UTP CAT-6 Patch Cord - 3 Meter  15 Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ Belden/Equivalent  OEM PRODUCT WARRANTY: 3 Years  Ref. Model No.:	2	Nos	₹ 526.5	50 18%	₹1,053.6
10	Supply, Installation, Testing & Commissioning of Gigabit SFTP / STP CAT-6 Patch Cord - 5 Meter  6 Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ Belden/Equivalent OEM PRODUCT WARRANTY: 3 Years Ref. Model No.:	2	Nos	₹ 1,117.8	80 18%	₹2,235.
17	Supply & Installation of High Grade RJ-45 STP Connector (Metal Body);  Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ DIGISOL/ D-LINK  OEM PRODUCT WARRANTY: 3 Years	1	Вох	₹ 7,187.5	0 18%	₹7,187.
18	Supply & Drawing of High Speed 4 Pair UTP CAT-6 Ethernet Cable: Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ Belden OEM PRODUCT WARRANTY: 3 Years   Ref. Model No.:	1525	RM	₹ 51.4	8 18%	₹78,507.0
19	Supply & Drawing of High Speed 4 Pair SFTP / STP CAT-6 Ethernet Cable (Shielded): Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ Belden OEM PRODUCT WARRANTY: 3 Years   Ref. Model No.:	610	RM	₹ 69.5	5 18%	₹ 42,426.
20	Supply, Installation, Testing & Commissioning of Single Mode O52 SC-LC Duplex Fiber Patci Cord - 3 Meter Preferred Make: MOLEX/ 3C3/LEGRAND/ R&M/ DIGISOL/Equivalent OEM PRODUCT WARRANTY: 3 Years	6	Nos	₹ 3,556.80	0 18%	₹21,340.8
21	Supply & Drawing of 6 Core Single Mode OS2 Armoured Optical Fiber Cable along with HDPE Pipe 90mm dia/ Conduit Pipe and accessories. Including the fiber splicing charges Preferred Make: MOLEX/LEGRAND/ R&M OEM PRODUCT WARRANTY: 3 Years	100	RM	₹ 216.00	18%	₹ 21,600.0
22	Supply & Installation of High Grade Fiber Joint Box: Including the Fiber Dressing	2	Nos	₹ 1,087.50	18%	₹2,175.0
23	Supply, Installation, Testing & Commissioning of 32U-(600 x 800) Fully Loaded Fully enclosed Floor Standing Rack: Equipment rack with Basic Frame Steel, Construction Welded, Top & Bottom Cover Welded to Frame with Cable entry exit cut outs, Front Door Lockable Toughened Glass Door, Rear Door Lockable Steel Door, 19" Mounting Angle Formed Steel, Std. Equipment Mounting DIN Std. 10mm Sq. Slots, Standard Finish Powder coated, Standard Colour Grey & Off White OR Black Standard Mounting Caster wheels (2 with Brake & 2 without Brake).  Preferred Make: NETRACK / VALRACK / BLUERACK / EQUIVALENT OEM PRODUCT WARRANTY: 3 Years	2	Set	₹ 88,952.50	18%	₹ 1,77,905.00
	TOTAL OF PART: VII- Exclusive of GST.	₹ 12,70,2	86.48			
VIII	Cables, Cabling Work , Accessories other Safety Equipment's					
2	Supply & Drawing of Professional Grade 2.5 Sq. mm Speaker Cable Preferred Make: BELDEN / KRYSTAL / EQUIVALENT OEM PRODUCT WARRANTY: 3 Years	500	RM	₹181.72	18%	₹ 90,862.20
	Supply & Drawing of Professional Grade 1.5 Sq. mm Speaker Cable Preferred Make: BELDEN / KRYSTAL / EQUIVALENT OEM PRODUCT WARRANTY: 3 Years	1000	RM	₹ 127.92	18%	₹1,27,920.00
. 1	Supply & Drawing of Professional Grade Signal / Microphone Cable Preferred Make: BELDEN / KRYSTAL-PRO DIGITAL / EQUIVALENT DEM PRODUCT WARRANTY: 3 Years	600	RM	₹ 78.00	18%	₹ 46,800.00
	Supply, Installation, Testing & Commissioning of Mic junction boxes .  Preferred Make: LEGRAND / EQUIVALENT/ GIGATRON	2	Nos	₹ 14,040.00	18%	₹ 28,080.00
P th	supply, Installation, Testing & Commissioning of Floor Box: lox provides an order, compact and permanent connecting solution for users. ranel of floor box is made of 5mm stainless steel, high bearing capacity (more than 000kg). Wall plate and AAP insert plate can be fitted into CR-FB Floor Box. Big cable pass brough holes accept bulk cables come out when panel closed. referred Make: LEGRAND / EQUIVALENT/ GIGATRON	2	Nos		18%	₹ 60,480.00
Su	upply, installation, Testing & Commissioning of All type of Connectors (UL Listed) . referred Make: NEUTRIC / EQUIVALENT	1	Lot	₹ 27,600.00	18%	₹ 27,600.00

P	ART - A - SUB TOTAL		_			
T	OTAL OF PART: VIII- Exclusive of GST.	₹ 21,36,38	2.22			
5 A	iupply, installation, Testing & Commissioning of 43" Inch 4K UHD Commercial Signage TV with wall mount kit:  3" UHD, Brightness 300nits, Smart Signage, Embedded Content Management, Embedded froup Manager, Super Sign Control+, Welcome Image, Audio Out 10W +10W, Web OS4.0, Airacast, IR Out, USB, HDMI, LAN, wiff Inbuilt.  referred Make: LG / SAMSUNG / CHRISTIE / Panasonic  EM PRODUCT WARRANTY: 3 + 2 Years  ef. Model No.: 43UR640S / Any Equivalent model	1	No	₹ 42,529.20	28%	₹ 42,529.
4	Supply, Installation, Testing & Commissioning of High Speed True 4K HDMI Cable with Ethernet supports HDMI (3D, Deep Color, 4K); HDCP 2.2 compilant, Superior video quality—True 4K-2 Meter Approved Make: Aten/4thewall/Lightware/Liberty AV DEM PRODUCT WARRANTY: 3 + 2 Years Approved Make: Aten/4thewall/Lightware/Liberty AV DEM PRODUCT WARRANTY: 3 + 2 Years Approved Mos.: 2L-7D02H-1 / Any Equivalent model	3	Nos	. ₹1,492.78	18%	₹ 4,478.
3	Supply, Installation, Testing & Commissioning of High Speed HDMI Cable 4K 20 meter HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant, Superior video quality – True 4K (4096 x 2160 @60Hz; 3840 x 2160 @ 60Hz 4:4:4) Gold-plated connectors for reliable transmissions- 20 Meter Approved Make: Aten/ 4thewall/ Lightware/Liberty AV OEM PRODUCT WARRANTY: 3 + 2 Years Ref. Model No.: 2L-7D01H / Any Equivalent model	3	Nos	₹ 20,821.06	18%	₹ 62,463
2	Supply, installation, Testing and Commissioning of 8X8 True 4K HDMI Matrix Switch: 8 x 8 True 4K HDMI Matrix Switch with Interfaces 8 x HDMI, impedance 100 Ω, Max Data Rate 18 Gbps (6 Gbps Per Lane). Max. Pixel Clock600 MHz, Compliance HDMI (3D, 4K, Deep Color), HDCP 2.2 Compatible, Consumer Electronics Control (CEC), Max Resolution Up to Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:44), EDID Mode: Default / Remix / Customized (EDID Wizard support), RS-232 control, Ethernet control. Preferred Make: Aten/ 4thewall/ Lightware/ Milestone/ Kramer OEM PRODUCT WARRANTY: 3 + 2 Years Ref. Model No.: VM0808HB	1	No	₹ 5,15,142.23	18%	₹5,15,142
1	Supply, Installation, Testing & Commissioning of Auto tracking PTZ camera with 10X optical zoom:  Auto tracking PTZ camera with 10X optical zoom and 5X Digital zoom with ability to deliver 1920x1080 @ S0fps with HOMI, USB 2.0 / Ethernet or better, Camera must have 340 degree rotation and 120 degree tilt range or better, Camera must support the positioner tracking IR device (included in package) for accurate tracking of presenter, Must have auto tracking range of 10M radius or more, Camera must be compatible with various lecture capture platform, such as Echo 360, Panopto, and Kaltura, Camera must support control protocol VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/9500/4800/2400 bps and network protocol RTSP/RTMP, ORVIF, GBT28181; Support IP Visca control protocol; Distance update, Distance restart, Distance reset Preferred Make: Arec/ Clearone/ Adonls/ Crestron/ Lumens  OEM PRODUCT WARRANTY: 3 + 2 Years  Ref. Model No.: CI-T21H / Equivalent	1	No	₹ 4,74,567.60	18%	₹ 4,74,567
IX	Additional Items for Flexible Hybrid classroom No. 4		1			Γ
	TOTAL OF PART: VIII- Exclusive of GST.	₹ 13,88,	No	₹ 21,021.00	18%	₹ 21,02
12	System, Online UPS, etc  Modular Cap.5 Kgs. Clean Agent	4500	RM	₹ 77.88	18%	₹ 3,50,46
11	The state of the s	4500	1			(1,71,60
10	Supply & Installation of Electrical Components & Electrical Cables along with PVC Casing & accessories as required.	1	Lot	₹ 1,71,600.00	18%	₹ 1,71,60
9	Supply, Installation, Testing and Commissioning of Multimedia Device and Other Basic Accessories, etc	1	Lot	₹ 97,500.00	18%	₹ 97,50
8	Supply, Installation, Testing & Commissioning of Microphone Stand / Table Top Stand Preferred Make: K&M / Hawk / EQUIVALENT	5	Nos	₹ 2,975.70	18%	₹ 14,87

e-	Part - B : Additional	al Service	25			
Sr. No.	Particulars	QTY	иом	Rate	GST %	Total Sale
1	Onsite One Time Programming charges by Global Certified Engineers (Incuding Transportation, Fooding & Lodging)	1	Job	₹ 8,99,969.00	18%	₹ 8,99,969.
2	Onsite Maintenance Service Charges for 3 Year. Includes: I) Demo & Training II) Remote Support & Onsite Maintenance (SLA) for 3 Years III) One Technical Person station at NLU Meghalaya for 1 Year	1	Job	₹ 6,62,335.00	18%	₹ 6,62,335.
_	PART - B - SUB TOTAL:					₹ 15,62,304.
	SUMMARY	,				
s/N	Particulars	Taxable A	mount	GST Amount	GST %	Amount Inclusive of GST
1	Part - A : (i) -Products - (18%):	7 1 77 O		₹ 31,63,654.37	18%	
	Part - A : (ii) -Products - (28%):	₹ 1,77,95	5,416.82	₹ 61,476.58	28%	₹ 2,10,20,547.
2	Part - B : Onsite 3 Years Maintenance (Additional Service) :	₹ 15,62	2,304.00	₹2,81,214.72	18%	₹ 18,43,518.
	Total	₹ 1,93,57	,720.82	₹ 35,06,345.67		₹ 2,28,64,066.
ımma	ary:					
_	Total Sales / Invoice Value:	1,93,57	,720.82	Total GST:		₹ 35,06,345.67
_	Special Discount:			Total CGST:		₹ 17,53,172.83
	Total Taxable Value:	1,93,57,	720.82	Total SGST:		₹ 17,53,172.83
_	Sub Total			Total IGST:		
	f1			Round off:		-0.49
pees	(in words):  Two Crare Twenty Eight Lakh Sixty Four Thousand Sixty Six On	nly.		Grand Tota	al	INR 2,28,64,066.00
dity: 30 very : V ne: eral Wo Produc ranty s	andition:  Doys  Vithin 4- 6 Weeks from the date of Purchase / Wark Order.  For anty:  Its supplied will be covered by a limited liability for a period of 36 Months OR 3 Years from the date of the subjected to standard terms of the company.  Sold will note be taken back.	of supply or Invo		Bank Details: Bank Name: HDFC Beneficiary Name: A/c No.: 29341000 IFSC Code: HDFC00 Branch: LAITUMKH	RIWOTO00857 000857 002934 HRAH stor	
	Subject to Shillong Juri	isdiction			Sini	tong, Moghalaya
	Certified that the particulars given above are				VCF4 (7151/11)	2000-20 <del>0-</del> 600 m - 9969

# NATIONAL LAW UNIVERSITY, MEGHALYA SHILLONG.

Renovation and Repair to Auditorium Hall ,Mayurbhanj (Dr APJ Abdul Kalam Hall) for Temporay campus of National Law University, Shillong, Meghalaya. (Providing and fixing factory made uPVC white colour casement both Windows & Doors, Removing of CGI sheets replacing with pre-coated galvanised iron profile sheets & installation of 19 mm insulin shield and Re-Installation of old CGI sheets, 12.5 mm fully Perforated Board with a backing of Glass Wool (Corning 1000/50,5.15ft) on Heavy GI Sheets on Walls&2 x 2 Grid Metal Ceiling with Mineral Fibre & Fully Perforated Board with Backing of 50 mm Glass Wool) Phase-I

Amount:- ₹.60,71,361.00 (Rupees Sixty Lakhs Seventy One Thousand Three Hundred Sixty One) only

# NATIONAL LAW UNIVERSITY, MEGHALYA SHILLONG.

### REPORT

Renovation and Repair to Auditorium Hall ,Mayurbhanj (Dr APJ Abdul Kalam Hall) for Temporay campus of National Law University, Shillong, Meghalaya. (Providing and fixing factory made uPVC white colour casement both Windows & Doors, Removing of CGI sheets replacing with pre-coated galvanised iron profile sheets & installation of 19 mm insulin shield and Re-Installation of old CGI sheets, 12.5 mm fully Perforated Board with a backing of Glass Wool (Corning 1000/50,5.15ft) on Heavy GI Sheets on Walls&2 x 2 Grid Metal Ceiling with Mineral Fibre & Fully Perforated Board with Backing of 50 mm Glass Wool) Phase-I

This estimate amounting ₹.60,71,361.00 (Rupees Sixty Lakhs Seventy One Thousand Three Hundred Sixty One) only to show the probable cost of the project cited above, the rates presented are as per the Scheduled of Rates for Building works 2021-22 of PWD (Bldg), Meghalaya including the non-schedule.

The work has been framed accordingly as per requirement on inspection. A part from the cost of Renovation and Refurbishing of Mayurbhanj Complex for accommodation of National Law University, The extra cost for work charge, common establishment for tool & plants etc. as normally practice the state has also been provided on percentage basis as shown in the General Abstract of cost respectively.

All works shall be carried out as per latest Indian Standard Codes of Practices and as per Meghalaya P.W.D.(Buildings), specifications and standards of in vogue in the State.

Junior Engineer P.W.D(B)
Building Sybrodivision Notice
Build Shillong sion - I

Shillong

Name of Work:

Renovation and Repair to Auditorium Hall, Mayurbhanj (Dr APJ Abdul Kalam Hall) for Temporay campus of National Law University, Shillong, Meghalaya.( Providing and fixing factory made uPVC white colour casement both Windows & Doors, Removing of CGI sheets replacing with pre-coated galvanised iron profile sheets & installation of 19 mm insulin shield and Re-Installation of old CGI sheets,12.5 mm fully Perforated Board with a backing of Glass Wool (Corning 1000/50,5.15ft) on Heavy GI Sheets on Walls&2 x 2 Grid Metal Ceiling with Mineral Fibre & Fully Perforated Board with Backing of 50 mm Glass Wool) Phase-I

ABSTRACT

SI No.	Particulars	Estimated Amount
1	Renovation and Repair to Auditorium Hall ,Mayurbhanj (Dr APJ Abdul Kalam Hall) for Temporay campus of National Law University, Shillong, Meghalaya. (Providing and fixing factory made uPVC white colour casement both Windows & Doors,Removing of CGI sheets replacing with pre-coated galvanised iron profile sheets & installation of 19 mm insulin shield and Re-Installation of old CGI sheets, 12.5 mm fully Perforated Board with a backing of Glass Wool (Corning 1000/50,5.15ft) on Heavy GI Sheets on Walls&2 x 2 Grid Metal Ceiling with Mineral Fibre & Fully Perforated Board with Backing of 50 mm Glass Wool) Phase-I	
	Total	₹ 58,94,525.00
	Add 3 % Contingencies charge	₹ 58,94,525.00
		₹ 1,76,835.75
	G.Total =  ( Rupees Sixty Lakhs Seventy One Thousand Three Hund	

Junior Engineer P.W.D (B) Shillong Building Sub-Division-I)
Junior Ensimmon Division
Building Division I

Shillong

1854

Renovation and Repair to Auditorium Hall ,Mayurbhanj (Dr APJ Abdul Kalam Hall) for Temporay campus of National Law University, Shillong, Meghalaya. (Providing and fixing factory made uPVC white colour casement both Windows & Doors,Removing of CGI sheets replacing with pre-coated galvanised iron profile sheets & installation of 19 mm insulin shield and Re-Installation of old CGI sheets,12.5 mm fully Perforated Board with a backing of Glass Wool (Corning 1000/50,5.15ft) on Heavy GI Sheets on Walls&2 x 2 Grid Metal Ceiling with Mineral Fibre & Fully Perforated Board with Backing of 50 mm Glass Wool)

41	-1					P	hase-I				
1/28.3		ing and	d fixing fa	actory r	nade uP	VC white	colour casen	nont/ on			azed windows
	compr	ising o	f uPVC n	nulti-ch	ambered	d frame, s	sash and mull	ion (who	sement cum	i fixed gla	azed windows uded profiles du
	require	ced wit	th 1.60 ±	0.2 mm	n thick ga	alvanized	sash and mull mild steel se VC profile) ut	ction ma	de from rol	rea) extru	ided profiles du
	dimens	ion F	tn (shape	e & size	accord	ing to uP	VC profile), ul	PVC ext	ruded alazir	ng heads	process of of appropriate
	casem	ent har	PDIVI gas	sket, st	ainless s	teel (SS:	304 grade) fri	ction hin	ges, zinc al	lov (white	of appropriate powder coated
	caps a	nd nec	essarv s	i iaster	iers 100	x8 mm si	ze for fixing fr	ame to	finished wal	II, plastic	powder coated packers, plastic
	welded	at all d	corners	mullion	(if room		· · · · · · · · · · · · · · · · · · ·	ine a se	isii siiali be	mitred cu	at and fusion
	nardwa	re's an	id draina	ge of w	eter oto	A 64 6- 1	4100 14310	ii weiue	a including	arilling of	holes for fixing
	Isnall be	filled	with wea	ther pr	nof cilian	m ===!==!	ing indinio tile	aah nen	ween frame	and adja	cent finished w
	comple	te as p	er appro	ved dra	awing &	direction	of Fngineer-in	Chara	quired size	and of a	pproved quality
	paid se	paratel	y).		•		or Engineer-ii	i-Charge	e. (Single/ d	louble gla	pproved quality ss panes shall
	1										
	Window	s									
			window	single r							T
	(small s	eries) f	rame 47	x50 m	n & cook	n S.S. fric	ction hinges (	300x19x	1.9 mm), m	ade of	
	mm and	single	glass pa	ane dla	zina hes	d of appr	ction hinges ( nm both havir opriate dimer	ng wall ti	nickness of	1.9 ±0.2	
	0.75 sqn	n)	-	J.u	Ling bea	d or appr	opriate dimer	ision. (A	rea of wind	ow up to	
	28	T v	1	_			_				1.
		X	1	X	0.50	00 x	0.900	) =	12.600	sam	-
		-	-						12.600		
	(h)Cason	1 @	₹		9862.0	00	/m <sup>2</sup>				₹1,24,261.
- 1	(b)Caser	nent w	indow do	ouble p	anels wi	th S.S. fri	ction hinges	200.40	4.0		1,24,201.
	single gla	x50 mi zing b	m, sash ead of a	47x68 ppropri	mm & m ate dime	ullion 47) ension. (A	I/m² ction hinges ( k68 mm all ha rea of window	ving wa	x1.9 mm) m Il thickness 0.75 sqm u	nade of (s of 1.9 ±0 up to 1.50	mall series) .2 mm and sqm).
	single gla	x50 mi azing b	m, sash ead of a	47x68 ppropri	mm & m ate dime	ension. (A	x68 mm all ha rea of windov	v above	0.75 sqm u	of 1.9 ±0 p to 1.50	mall series) .2 mm and sqm).
	single gla	zing b	ead of a	ppropri	ate dime	ension. (A	rea of windov	v above	0.75 sqm u	of 1.9 ±0 p to 1.50	mall series) 2 mm and sqm).
28.32	27 Providina	x @ and fix	ead of a	x	1.00	ension. (A	1.300	v above	35.100 35.100	of 1.9 ±0 p to 1.50 sqm	.2 mm and sqm).
28.32	27 Providing	x  @ and fix	ead of a	x  Ory madi-cham	1.00 9007.00 de uPVC	ension. (A	1.300	above =	35.100 35.100 ment cum fi	of 1.9 ±0 p to 1.50 sqm sqm xed glaze	.2 mm and sqm).  ₹3,16,146.0
28.32	27 Providing comprising einforced	x  @ and fix g of uF with 1	ead of a  1  ₹  king factor  VC multi 60 +0 2	x  Ory madi-cham	1.000 9007.00 de uPVC	o x white co	1.300 /m² lour casemer	above =	35.100 35.100 ment cum fix	sqm sqm xed glaze	.2 mm and sqm).  ₹3,16,146.0 ad door
28.32	27 Providing comprising einforced equired le	x @ and fix g of uF with 1	ead of a  1  ₹  king factor  VC multi .60 ±0.2  shape &	x  Ory madi-cham mm th	1.000 9007.00 de uPVC	o x white co	1.300  /m² lour casement h and mullior ld steel section	=   	35.100 35.100 35.100 ment cum fix ver required	sqm sqm xed glaze brming pro	₹3,16,146.0 d door d profiles duly
28.32 F	27 Providing comprising einforced equired leftimension	x  @ and fix g of uF with 1 ength (	ead of a  1  ₹  cing factor  VC multi .60 ±0.2  shape &	x  Dry mac ti-cham mm th size ac	9007.00  9007.00  de uPVC bered frick galva	white co	1.300  /m² lour casemer h and mullior ld steel section profile), uPV	above =	35.100 35.100 35.100 ment cum fix ver required from roll folled glazing	sqm sqm xed glazed d) extruded	.2 mm and sqm).  ₹3,16,146.0 d door ed profiles duly poess of appropriate
28.32 F	27 Providing comprising einforced lequired let limension anels alo	axing box x  @ and fix g of uF with 1 ength (control of the property)	ead of a	x  Dry mad ti-cham mm th size ad t, zinc a	9007.00 de uPVC bered frick galva	white coame, sas	1.300  /m² lour casemer h and mullior ld steel section profile), uPVer coated) 3D	above =	35.100 35.100 35.100 ment cum fix ver required from roll folded glazing and one ha	sqm sqm xed glaze d) extrude orming probeads of ndle on e	.2 mm and sqm).  ₹3,16,146.0 d door ed profiles duly ocess of appropriate ach side of
28.32 F	27 Providing comprising einforced legimension anels aloud one si	azing b	ead of a	x  ory mac ti-cham mm th size ac t, zinc a ated mi	9007.00 9007.00 de uPVC bered fr ick galva ccording alloy (wh	white co ame, sas anized mi to uPVC ite powde	1.300  /m² lour casemer h and mullior ld steel section profile), uPVer coated) 3D t locking havi	above =	35.100 35.100 35.100 ment cum fix ver required from roll folded glazing and one ha	sqm sqm xed glaze d) extrude rming probeads of ndle on e ar, cylinde	₹3,16,146.0  ₹3,16,146.0  ed door  ed profiles duly  coess of  appropriate  ach side of  er with keeps
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28.32 F	27 Providing comprising einforced equired le limension anels alo nd one si teel screve equired) stc. After fi	and fixed and fi	ead of a  1  ing factor  VC multi .60 ±0.2  shape &  M gaske in zinc pla in G.I fasi . Profile of e also fus	x  Dry mad ti-cham mm th size ad t, zinc a ated mi teners of fram sion we	9007.00 9007.00 de uPVC bered fr ick galva ccording alloy (wh ld steel r 100x8 m e & sash	white co ame, sas anized mi to uPVC ite powder multi poin am size for a shall be luding dri	/m² lour casemer h and mullior ld steel section profile), uPVer coated) 3D t locking havior fixing frame mitred cut ar lling of holes	ating was vabove  =	35.100 35.100 35.100 ment cum fix ver required from roll folled glazing and one ha mission gea hed wall and welded at g hardware's	sqm sqm xed glaze d) extrude orming pro beads of ndle on e ar, cylinde d necess all corner s and dra	₹3,16,146.0 d door d profiles duly ocess of appropriate ach side of er with keeps ary stainless rs, mullion (if inage of water
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18/55

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	with w	all thic	kness 2	.0 mm	+0.2 mm)	COLDOL	name, made	of uPV	C extruded	sections	of size 65x55 ointed with plast
50	bracke	ts and	stainles	ss steel	SCIONIC TO	infai-	- 1.	anne u	pe milited (	cut and jo	pinted with plast
	28x30	mm ha	aving wa	all thicks	10cc 2 mm	1.00	a mige side v	cidicai	of the frame	s with P	VC profile of size
	stainle	ss stee	I hinge:	s to the	frame fivi	og the f	, moluding	PIOVIC	ing a lixing	3 nos. of	125 mm long
	fastene	ers, all	comple	te as ne	r manufac	ig the fr	ame with jam	b with	required nur	nber & s	ize of anchor da
	Parameter Anna			to do po	manuiau	turers s	ame with jam specification a	nd dire	ection of Eng	ineer-in-	charge.
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							0.00	<del>-</del>			
			@ ₹		525.00	)	/Rm	-		0 Rm	
4/MR	Removi	ng of	CGI she	ets & ir	stallation	of 10 mr	n inquebiold -				₹10,920
		2 x	1	00 x	0.40	01	n insushield a	ind Re	Installation	of old Co	3I sheets
		2 x	0.3	~	0.10	U X	22.50	0 =	274.50	0 sam	
		4-	0.,	20 +	12.00	) x	2.500	0 =		0 sqm	
		-	-		2					104111	
		-							343.80	O sam	
			0 ₹		4659.00	)	/m²	+	040.00	oladiii	
						T		+	-	-	₹16,01,764
5/MR	12.5 mm	fully I	Perforat	ed Boa	rd with a b	acking o	of Glass Wool	10000	- 4000/50		
	Sheets of	n Wa	ls			aoining (	or Class WOO	(Com	ing 1000/50,	5.15ft) o	n Heavy GI
	2	_	T								
	2		+	1 X	3.500		22.000	=	154.00	sqm	
				1 x	3.500	X	10,000	100			
		-	-		0.000	_^	10.000	=	70.000	Olsam	1
							10.000	=	224.000	sqm	
			₹		7643.00			=	224.000	olsqm	₹17.12.020
/MD		@			7643.00		/m²		224.000	gm	₹17,12,032
/MR		@			7643.00		/m²		224.000	gm	₹17,12,032
/MR		@			7643.00		/m²		224.000	gm	₹17,12,032 mm Glass Wool
/MR		@ Meta		g with N	7643.00	e & Full	/m² y Perforated I	Board	224.000 with Bacckin	g of 50 r	₹17,12,032 mm Glass Wool
/MR 2		@			7643.00	! re & Full	/m²	Board	224.000 with Bacckin	g of 50 r	₹17,12,032 mm Glass Wool
/MR :		Meta	l Ceilin	g with N	7643.00      lineral Fibr	e & Full	/m² y Perforated I	Board	224.000 with Bacckin	g of 50 r	₹17,12,032 mm Glass Wool
	2 x 2 Grid	Meta	l Ceiling	g with N	7643.00 Inneral Fibr	e & Full	y Perforated I	Board	224.000 with Bacckin 220.000 220.000	g of 50 r	nm Glass Wool
MR F	2 x 2 Grid	Meta	I Ceilino	g with M	7643.00 Inneral Fibro 22.000	e & Full	y Perforated I	Board	224.000 with Bacckin 220.000 220.000	g of 50 r	mm Glass Wool
MR F	2 x 2 Grid	x @ and fi	I Ceiling  ₹ xing pregineer-	g with M	7643.00	y x	y Perforated I  10.000  /m²  rofile sheets	Board	224.000 with Bacckin 220.000 220.000	g of 50 r	nm Glass Wool  ₹15,58,260.  prrugation as
/MR F	2 x 2 Grid	Meta  x  and fi by En	₹ xing pregineer-i	g with M	7643.00	x x ed iron pm(+0.05	y Perforated I  10.000  /m²  rofile sheets (5%) total coats	Board	with Bacckin 220.000 220.000 hape and pikness with 2	g of 50 r	TITION TO STATE THE TITIO
/MR F	2 x 2 Grid  1  Providing approved per sqm a polyester	x @ and fi	I Ceiling  ₹  xing pre gineer-i IS:277, at 15-18	g with M  1 x  2-coated in 240	7643.00 lineral Fibr 22.000 7083.00 d galvanise e) 0.50 mi MPa steel	x x ed iron pm(+0.05	y Perforated I  10.000  /m²  profile sheets (i %) total coats (i %) total coats (i %)	Board =	224.000  with Bacckin  220.000  220.000  hape and pikness with a rimer on both	sqm sqm sqm tch of co	Tim Glass Wool  ₹15,58,260.  Prugation as ing 120 grams the sheet and
/MR F	2 x 2 Grid  1  Providing approved per sqm a polyester scratches	and fi. by En s per top co	I Ceiling  ₹  xing pregineer-i IS:277, at 15-18	g with M  1 x  2-coatecon-charge in 240 ls microi	7643.00 lineral Fibro 22.000 7083.00 di galvanise e) 0.50 mi MPa steel ins. Sheet s	x  ed iron pm(+0.05 grade, { should h	y Perforated I  10.000  /m²  profile sheets (in %) total coat (in %) total coat (in %) are protective.	Soard s	with Baccking 220.000 220.000 hape and pikness with a rimer on both diffilm of 25 rimer 25 ri	g of 50 r	₹15,58,260.  Trugation as ing 120 grams the sheet and minimum to avo
/MR F	2 x 2 Grid  Providing approved per sqm a polyester scratches in a polyester in a	and fi	I Ceiling	g with M  1 x  2-coated in-charge in 240 list microiortation in sheet	7643.00 lineral Fibr 22.000 7083.00 galvanise le) 0.50 mi MPa steel lis. Sheet s and shoul	x ed iron pm(+0.05 grade, tshould hid be su	y Perforated I  10.000  /m²  rofile sheets (i %) total coat (i - 7 microns epare protective pplied in single policy in the coat (i - 7 microns epare protective pplied in single policy in the coat (i - 7 microns epare protective pplied in single policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare p	Soard size, seed thickness pooxy present the seed the see	with Bacckin  220,000  220,000  hape and pi kness with a rimer on bot d film of 25 r th up to 12 r	g of 50 r	The sheet and minimum to avo as desired by
/MR F a p p s s	2 x 2 Grid  Providing approved per sqm a polyester icratches ingineer-ivith EPDM	and file by En soper cop co during n-chair seal.	I Ceiling  I Ceiling	g with N  1 x  2-coatec in-charg in 240 is 8 micronortation e sheet	7643.00 lineral Fibro 22.000  7083.00 galvanise e) 0.50 mi MPa steel ins. Sheet so and shoul shall be fixed and should be fixed and	x ed iron pm(+0.05 grade, & should h ld be su	y Perforated I  10.000  /m²  rofile sheets (  6 %) total coat (  5-7 microns eleave protective (  pplied in single (  g self-drilling)	Soard self-ta	with Bacckin  220.000  220.000  hape and pi kness with a rimer on bot d film of 25 r th up to 12 r apping screw	g of 50 r	The sheet and minimum to avo as desired by
/MR F a p p s s	2 x 2 Grid  Providing approved per sqm a polyester icratches ingineer-ivith EPDM	and file by En soper cop co during n-chair seal.	I Ceiling  I Ceiling	g with N  1 x  2-coatec in-charg in 240 is 8 micronortation e sheet	7643.00 lineral Fibro 22.000  7083.00 galvanise e) 0.50 mi MPa steel ins. Sheet so and shoul shall be fixed and should be fixed and	x ed iron pm(+0.05 grade, & should h ld be su	y Perforated I  10.000  /m²  rofile sheets (  6 %) total coat (  6-7 microns eleave protective (  pplied in single (  g self-drilling)	Soard self-ta	with Bacckin  220.000  220.000  hape and pi kness with a rimer on bot d film of 25 r th up to 12 r apping screw	g of 50 r	₹15,58,260.  Trugation as ing 120 grams the sheet and minimum to avo
/MR F a p p s s	2 x 2 Grid  Providing approved per sqm a polyester icratches ingineer-ivith EPDM	and file by En soper cop co during n-chair seal.	I Ceiling  I Ceiling	g with N  1 x  2-coatec in-charg in 240 is 8 micronortation e sheet	7643.00 lineral Fibro 22.000  7083.00 galvanise e) 0.50 mi MPa steel ins. Sheet so and shoul shall be fixed and should be fixed and	x ed iron pm(+0.05 grade, & should h ld be su	y Perforated I  10.000  /m²  rofile sheets (i %) total coat (i - 7 microns epare protective pplied in single policy in the coat (i - 7 microns epare protective pplied in single policy in the coat (i - 7 microns epare protective pplied in single policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare policy in the coat (i - 7 microns epare p	Soard self-ta	with Bacckin  220.000  220.000  hape and pi kness with a rimer on bot d film of 25 r th up to 12 r apping screw	g of 50 r	The sheet and minimum to avo as desired by
/MR F a p p s s	2 x 2 Grid Providing approved per sqm a polyester cratches ingineer-i vith EPDM urlins, raf	and files by En top co during n-chair fers a	I Ceiling  Xing pregineer-i IS:277, at 15-10 y transprege. The completed truss	g with N  1 x  2-coatec n-charg in 240 l 8 microi ortation e sheet ete up to	7643.00 lineral Fibro 22.000 7083.00 di galvanise e) 0.50 mi MPa steel ns. Sheet s and shoul shall be fix to any pitch including	x ed iron pm(+0.05 grade, & should h ld be su	y Perforated I  10.000  /m²  profile sheets (i %) total coat (i %) total coat (i %) ave protective pplied in single g self-drilling/contal/ vertical (i size and sheets)	Soard self-ta	with Bacckin  220.000  220.000  hape and pi kness with a rimer on bot d film of 25 r th up to 12 r apping screw	g of 50 r	The Glass Wool  ₹15,58,260.  The Ground Trugation as ing 120 grams in the sheet and minimum to avous as desired by
/MR F a p p s s	2 x 2 Grid  Providing approved per sqm a polyester icratches ingineer-ivith EPDM urlins, raf	and file by En soper cop co during n-chail seal, ters a	I Ceiling  I Ceiling	g with N  1 x  2-coatec n-charg in 240   8 microi ortation e sheet ete up to	7643.00 lineral Fibro 22.000 7083.00 d galvanise 19 0.50 min MPa steel 19 s. Sheet 19 and should shall be fix to any pitch including 16.100	x ed iron pm(+0.05 grade, & should h ld be su	y Perforated I  10.000  /m²  rofile sheets (  6 %) total coat (  6-7 microns eleave protective (  pplied in single (  g self-drilling)	Soard self-ta	224.000  with Bacckin  220.000  220.000  chape and pi kness with a rimer on bot d film of 25 r th up to 12 r apping screw ved surface herever requ	g of 50 r	The Glass Wool  ₹15,58,260.  The Ground Trugation as ing 120 grams in the sheet and minimum to avous as desired by
/MR F a p p s s	2 x 2 Grid Providing approved per sqm a polyester cratches ingineer-i vith EPDM urlins, raf	and files by En top co during n-chair fers a	I Ceiling  Xing pregineer-i IS:277, at 15-10 y transprege. The completed truss	g with M  1 x  2-coatecon-charge in 240 less micronortation es sheet ete up to sees and x  +	7643.00 lineral Fibro 22.000 7083.00 di galvanise le) 0.50 mi MPa steel las. Sheet si and shoul shall be fix any pitch including 6.100 12.000	x ed iron pm(+0.05 grade, the should he su ked usin in horiz cutting the state of t	y Perforated I  10.000  /m²  profile sheets (i %) total coat (i %) total coat (i %) ave protective pplied in single g self-drilling/contal/ vertical (i size and sheets)	Soard seed thickness of the length self-tall or cuitappe with the length self-tall	with Bacckin  220,000  220,000  hape and pi kness with a rimer on bot d film of 25 r th up to 12 r apping screw ved surface herever requ  274,500	g of 50 r	The Glass Wool  ₹15,58,260.  The Ground Trugation as ing 120 grams in the sheet and minimum to avous as desired by
/MR F a p p s s	2 x 2 Grid  2 roviding approved per sqm a colyester cratches ingineer-inith EPDM urlins, raf	and fi by En s per top co during n-cha I seal, ters a	I Ceiling  I Ceiling	g with N  1 x  2-coatec n-charg in 240   8 microi ortation e sheet ete up to	7643.00 lineral Fibro 22.000 7083.00 di galvanise le) 0.50 mi MPa steel las. Sheet si and shoul shall be fix any pitch including 6.100 12.000	x ed iron p m(+0.05 grade, t should h d be su ked usin in horiz cutting t	/m²  y Perforated I  10.000  /m²  rofile sheets (  6 %) total coat (  6-7 microns eleave protective (  pplied in singling (  g self-drilling (  contal / vertical (  to size and sh	Soard self-tal or cur ape wi	224.000  with Bacckin  220.000  220.000  chape and pi kness with a rimer on bot d film of 25 r th up to 12 r apping screw ved surface herever requ	g of 50 r	The Glass Wool  ₹15,58,260.  The Ground Trugation as ing 120 grams in the sheet and minimum to avous as desired by
/MR F a p p s s	2 x 2 Grid  Providing approved per sqm a polyester icratches ingineer-ivith EPDM urlins, raf	and file by En soper cop co during n-chail seal, ters a	I Ceiling  I Ceiling	g with M  1 x  2-coatecon-charge in 240 less micronortation es sheet ete up to sees and x  +	7643.00 lineral Fibro 22.000 7083.00 di galvanise le) 0.50 mi MPa steel las. Sheet si and shoul shall be fix any pitch including 6.100 12.000	x ed iron pm(+0.05 grade, & should h d be su ked usin in horiz cutting t	y Perforated I  10.000  /m²  rofile sheets (  5%) total coat (  5-7 microns eleave protective (  pplied in sing (  g self-drilling) (  contal/ vertical (  o size and sheets (  22.500 (  2.500)	Soard size, seed thickness poxy per guardie length self-tall or cuitape with the self-tall or cu	224.000  with Bacckin  220.000  220.000  chape and pickness with a rimer on both diffilm of 25 rith up to 12 rimping screw yed surface herever requirements and pickness with a rimer on both diffilm of 25 rith up to 12 rich up to 13 rich up to 15 rich up	sqm sqm sqm sqm sqm sqm tch of co tinc coat h side of nicrons i neter or is of size s, excludired. sqm	The sheet and minimum to avo as desired by
/MR F a p p s s	2 x 2 Grid  2 roviding approved per sqm a colyester cratches ingineer-inith EPDM urlins, raf	and fi by En s per top co during n-cha I seal, ters a	I Ceiling  I Ceiling	g with N  1 x  2-coatec n-charg in 240 l 8 micron ortation e sheet ete up to ses and  x +	7643.00 lineral Fibro 22.000  7083.00 galvanise e) 0.50 mm MPa steel ins. Sheet so and should shall be fix to any pitch including a second should shall be fix to any pitch including a second should shall be fix to any pitch including a second should shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch include a second shall be fix to any pitch include a second shall be fix to any pitch include a second sh	x ed iron pm(+0.05 grade, & should h dd be su ked usin in horiz cutting t	/m²  y Perforated I  10.000  /m²  rofile sheets (  6 %) total coat (  6-7 microns eleave protective (  pplied in singling (  g self-drilling (  contal / vertical (  to size and sh	Soard self-tal or cur ape wi	224.000  with Bacckin  220.000  220.000  chape and pi kness with a rimer on both d film of 25 r th up to 12 r apping screw ved surface herever requi  274.500  69.300	sqm sqm sqm sqm sqm tch of co tinc coat h side of nicrons i neter or s of size s, excludired.  sqm sqm	The sheet and minimum to avo as desired by
/MR F a p p s s	2 x 2 Grid  2 roviding approved per sqm a colyester cratches ingineer-inith EPDM urlins, raf	and file by En cop co during n-chail ters a	I Ceiling  I Ceiling	g with N  1 x  2-coatec n-charg in 240 l 8 micron ortation e sheet ete up to ses and  x +	7643.00 lineral Fibro 22.000 7083.00 galvanise (e) 0.50 mi MPa steel (hs. Sheet steel (hs. Sheet steel (hs. and should shall be fix (h) any pitch (h) including (h) (h) 12.000 (h) 6.100 (h) 6.100	ed iron pm(+0.05) grade, & should hid be su ked usin in horiz cutting t	y Perforated I  10.000  /m²  profile sheets (i %) total coat (i %) total coat (i %) policy policy in single general vertical (i %) size and sheets (i %) total coat (i %) total coat (i %) total coat (i %) total	Soard size, seed thickness poxy per guardie length self-tall or cuitape with the self-tall or cu	224.000  with Bacckin  220.000  220.000  chape and pickness with a rimer on both diffilm of 25 rith up to 12 rimping screw yed surface herever requirements and pickness with a rimer on both diffilm of 25 rith up to 12 rich up to 13 rich up to 15 rich up	sqm sqm sqm sqm sqm tch of co tinc coat h side of nicrons i neter or s of size s, excludired.  sqm sqm	The first state of the cost o
/MR F a p p s s	2 x 2 Grid  2 roviding approved per sqm a colyester cratches ingineer-inith EPDM urlins, raf	and file by En cop co during n-chail ters a	il Ceiling  il Ceiling  ixing pre gineer-il IS:277, at 15-18 g transpre ge. The comple nd truss  1.00  0.20  1.00	g with N  1 x  2-coatec n-charg in 240 l 8 micron ortation e sheet ete up to ses and  x +	7643.00 lineral Fibro 22.000  7083.00 galvanise e) 0.50 mm MPa steel ins. Sheet so and should shall be fix to any pitch including a second should shall be fix to any pitch including a second should shall be fix to any pitch including a second should shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch including a second shall be fix to any pitch include a second shall be fix to any pitch include a second shall be fix to any pitch include a second sh	ed iron pm(+0.05) grade, & should hid be su ked usin in horiz cutting t	y Perforated I  10.000  /m²  rofile sheets (  5%) total coat (  5-7 microns eleave protective (  pplied in sing (  g self-drilling) (  contal/ vertical (  o size and sheets (  22.500 (  2.500)	Soard size, seed thickness poxy per guardie length self-tall or cuitape with the self-tall or cu	224.000  with Bacckin  220.000  220.000  chape and pi kness with a rimer on both d film of 25 r th up to 12 r apping screw ved surface herever requi  274.500  69.300	g of 50 r sqm sqm tch of co cinc coat h side of nicrons r neter or s of size s, excludired.  sqm sqm	The sheet and minimum to avo as desired by a (5.5x55 mm) ding the cost of
/MR F a p p s s	2 x 2 Grid  2 roviding approved per sqm a colyester cratches ingineer-inith EPDM urlins, raf	and file by En cop co during n-chail ters a	il Ceiling  il Ceiling  ixing pre gineer-il IS:277, at 15-18 g transpre ge. The comple nd truss  1.00  0.20  1.00	g with N  1 x  2-coatec n-charg in 240 l 8 micron ortation e sheet ete up to ses and  x +	7643.00 lineral Fibro 22.000 7083.00 galvanise (e) 0.50 mi MPa steel (hs. Sheet steel (hs. Sheet steel (hs. and should shall be fix (h) any pitch (h) including (h) (h) 12.000 (h) 6.100 (h) 6.100	ed iron pm(+0.05) grade, & should hid be su ked usin in horiz cutting t	y Perforated I  10.000  /m²  profile sheets (i %) total coat (i %) total coat (i %) policy policy in single general vertical (i %) size and sheets (i %) total coat (i %) total coat (i %) total coat (i %) total	Soard size, seed thickness poxy per guardie length self-tall or cuitape with the self-tall or cu	with Bacckin  220.000  220.000  220.000  hape and pickness with a rimer on both of film of 25 rimer on both of the contract of	sqm sqm sqm sqm sqm tch of co tinc coat h side of nicrons i neter or s of size s, excludired.  sqm sqm	₹15,58,260.  Trugation as ing 120 grams the sheet and minimum to avo as desired by (5.5x55 mm) ding the cost of   ₹5,08,429.0

### MARKET RATE ANALYSIS

Code	ing of CGI sheets & installation of 19 mm insus  Description	Unit				_
	Details of cost for 10 sqm	Onit	Quantity	Rate (₹)	Amount (₹)	1
	MATERIAL					1
236	Removing of CGI sheets & installation of 19 mm insushield and Re-Installation of old CGI sheets including 10% wastage=11.00 sqm	sq	11.00	2367.00	26037	,
9977	Carriage					T
	Nails	L.S	14.95	2.60	38.87	1
-	Labour	L.S	26.91	2.60	69.966	T
111	Carpenter 1st Class					T
	Belder	day	2.50	900.00	2250	$\Gamma$
	Scaffloding	day	2.00	500.00	1000	
	Sundries	L.S	31.07	2.60	80.782	
	Total	L.S	31.07	2.60	80.782	_
	Add 15 % Water Charges on 'W'				29557.40	V
	Total				4433.61	L
	Add GST on 'X' (multiplying factor 0.18)				33991.01	_
	Total				6118.38	_
	Add 15% CPOH on 'Y'				40109.39	Y
	Total				6016.41	
1	Add Cess @ 1% on 'Z'				46125.80	Z
10	Cost of 10.00 sqm				461.26	
	Cost of 1.00 sqm				46587.06	_
	Say				4658.71	
					4659.00	

### MARKET RATE ANALYSIS

Details of cost for 10 sqm   MATERIAL     12.5 mm fully Perforated Board with a backing of Glass Wool (Corning 1000/50,5.15ft) on Heavy Gl Sheets on Walls including 10% wastage=11.00 sqm     9977 Carriage	Code	Description	Unit	To			
MATERIAL  12.5 mm fully Perforated Board with a backing of Glass Wool (Corning 1000/50,5.15ft) on Heavy GI Sheets on Walls including 10% wastage=11.00 sqm  9977 Carriage  9989 Nails  Labour  111 Carpenter 1st Class  114 Belder  9999 Scaffloding  9999 Scaffloding  9999 Sundries  Total  Add 15 % Water Charges on 'W'  Total  Add GST on 'X' (multiplying factor 0.18)  Total  Add 15% CPOH on 'Y'  Total  Add Cess @ 1% on 'Z'  Cost of 10.00 sqm		Details of cost for 10 sam	Unit	Quantity	Rate (₹)	Amount (₹)	1
Dacking of Glass Wool (Corning 1000/50,5.15ft) on Heavy Gl Sheets on Walls   Sq   11.00   4088.00   24   236   Walls   Including 10% wastage=11.00 sqm   9977   Carriage   L.S   14.95   2.60   60   2.60   2.60   60   2.60   2.60   60   2.60   2.60   60   2.60   2.60   60   2.60   2.60   60   2.60   2.60   60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60   2.60		MATERIAL					1
9977   Carriage	236	backing of Glass Wool (Corning 1000/50,5.15ft) on Heavy GI Sheets on Walls	sq	11.00	4088 00	44968	
9999 Nails Labour  111 Carpenter 1st Class 114 Belder 115 Gay Scaffloding 116 Gay Scaffloding 117 Carpenter 1st Class 118 Belder 119 Scaffloding 110 Scafflodi		including 10% wastage=11.00 sqm				77300	+
L.S   26.91   2.60   69			L.S	14.95	2.60	38.87	+
Labour   111   Carpenter 1st Class   day   2.50   900.00	9999		L.S	26.91		69.966	-
114 Belder day 2.00 500.00  9999 Scaffloding L.S 31.07 2.60 80  9999 Sundries L.S 31.07 2.60 80  Total 4848  Add 15 % Water Charges on 'W' 727  Total 5576  Add GST on 'X' (multiplying factor 0.18) 1003  Total 6579  Add 15% CPOH on 'Y' 986  Add Cess @ 1% on 'Z' 7566					2.00	03.300	+
114 Belder day 2.00 500.00  9999 Scaffloding L.S 31.07 2.60 80  9999 Sundries L.S 31.07 2.60 80  Total 4848  Add 15 % Water Charges on 'W' 727  Total 5576  Add GST on 'X' (multiplying factor 0.18) 1003  Total 6579  Add 15% CPOH on 'Y' 986  Add Cess @ 1% on 'Z' 7566			day	2.50	900.00	2250	+
9999 Scaffloding 9999 Sundries L.S 31.07 2.60 80 Total Add 15 % Water Charges on 'W' Total Add GST on 'X' (multiplying factor 0.18) Total Add 15% CPOH on 'Y' Total Add Cess @ 1% on 'Z' Cost of 10.00 sqm						1000	4
9999 Sundries  Total  Add 15 % Water Charges on 'W'  Total  Add GST on 'X' (multiplying factor 0.18)  Total  Add 15% CPOH on 'Y'  Total  Add Cess @ 1% on 'Z'  Cost of 10.00 sqm							-
Total	_					80.782	_
Total 727  Add GST on 'X' (multiplying factor 0.18) 5576  Add 15% CPOH on 'Y' 6579  Total 986  Add Cess @ 1% on 'Z' 7566  Cost of 10.00 sqm		Total	-10	31.07	2.00	80.782	_
Total	- 1	Add 15 % Water Charges on 'W'		-		48488.40	_
Total   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003   1003		Total				7273.26	_
Total	1	Add GST on 'X' (multiplying factor 0.18)	-			55761.66	_
Total 986 Add Cess @ 1% on 'Z' 7566 Cost of 10.00 sqm 7640		Total	-			10037.10	_
Total 986 Add Cess @ 1% on 'Z' 7566 Cost of 10.00 sqm	I	Add 15% CPOH on 'Y'				65798.76	Y
Cost of 10.00 sqm 75						9869.81	
Cost of 10.00 sqm /5	A	Add Cess @ 1% on 'Z'	_			75668.57	Z
			-			756.69	
10031011.00 80111		Cost of 1.00 sgm				76425.26	
Say 764			-			7642.53	

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Code	Description	Unit	To			
	Details of cost for 10 sqm	Unit	Quantity	Rate (₹)	Amount (₹)	1
	MATERIAL	-	-			1
236	2 x 2 Grid Metal Ceiling with Mineral Fibre & Fully Perforated Board with Baccking of 50 mm Glass Wool	sq	11.00	3765.00	41415	
0077	including 10% wastage=11.00 sqm				71410	+
	Carriage	L.S	14.95	2.60	38.87	+
9999	Nails	L.S	26.91	2.60	69.966	+-
444	Labour				00.000	+
111	Carpenter 1st Class	day	2.50	900.00	2250	+
	Belder	day	2.00	500.00	1000	+
	Scaffloding	L.S	31.07	2.60	80.782	_
9999	Sundries	L.S	31.07	2.60	80.782	-
	Total				44935.40	_
_	Add 15 % Water Charges on 'W'				6740.31	-
_	Total				51675.71	_
	Add GST on 'X' (multiplying factor 0.18)				9301.63	_
_	Total		-		60977.34	_
	Add 15% CPOH on 'Y'		-		9146.60	1
$\rightarrow$	Total				70123.94	7
/	Add Cess @ 1% on 'Z'					4
	Cost of 10.00 sqm				701.24 70825.18	_
	Cost of 1.00 sqm					-
	Say		<del></del>		7082.52 7083.00	_

### MARKET RATE ANALYSIS

Code	Description	Unit	Quantity	Rate (₹)	Amount (₹)	Т
	Details of cost for 10 sqm		Guaritity	riale (1)	Amount (1)	+
	MATERIAL					╁
236	2 x 2 Grid Metal Ceiling with Mineral Fibre & Fully Perforated Board with Baccking of 50 mm Glass Wool	sq	11.00	3765.00	41415	
	including 10% wastage=11.00 sqm					t
9977	Carriage	L.S	14.95	2.60	38.87	t
9999	Nails	L.S	26.91	2.60	69.966	-
	Labour					t
111	Carpenter 1st Class	day	2.50	900.00	2250	H
114	Belder	day	2.00	500.00	1000	-
9999	Scaffloding	L.S	31.07	2.60	80.782	-
9999	Sundries	L.S	31.07	2.60	80.782	-
	Total				44935.40	-
	Add 15 % Water Charges on 'W'				6740.31	-
	Total				51675.71	-
	Add GST on 'X' (multiplying factor 0.18)				9301.63	-
	Total				60977.34	-
	Add 15% CPOH on 'Y'				9146.60	-
	Total				70123.94	z
	Add Cess @ 1% on 'Z'				701.24	-
	Cost of 10.00 sqm				70825.18	-
	Cost of 1.00 sqm				7082.52	-
	Say				7083.00	-

	Market Rat	e Analys	is			
	Providing Pre Painted Galvanized Iron She	et Roofing	(PPGI) (Dy	na roof / Sa	thvam/	
	Durakolor/ Century Wells/Prestar/Wonde	r Roof make	e or equiva	elent) at all	levels includi	ine
	supplying, fitting and fixing with self drillin	g, self tapp	ing screws	complete.	(Roof trusses	s.
	purlins etc. to be measured					•
Code	Description	Unit	Quantity	Rate ₹	Amount ₹	Т
	Details of cost of 216.14 sqm.		-			†
	Consider a shed of 20x10 metres.					
	(External dimensions of plinth).					
	Area of roof 20.2x10.70m = 216.14 sqm.					1
	MATERIAL					1
	Sheets used = 20 nos.x10.70mx1.06m					١
	= 226.84sqm					l
	Add 3% wastage = 6.81					
	Total = 233.65sqm.					
	Precoated galvanised iron profile	1		-		t
	sheet 0.50 mm TCT	sqm	233.65	750.00	175237.5	
	Carriage of sheets	L.S	104.00	2.12	220.48	1
	Galvanised steel J or L hooks 8 mm dia	10 Nos	47.60	120.00	5712.00	T
	Bitumen washer	100 Nos	4.76	30.00	142.80	1
1209	G.I. plain washer thick	100 Nos	4.76	35.00	166.60	I
9977	Carriage of bolts and nuts, washers etc	L.S	8.06	2.12	17.09	
9999	Sundries	L.S	39.52	2.12	83.78	-
	LABOUR					+
130	Mistry	day	2.34	784.00	1834.56	+
112	Carpenter 2nd class	day	9.34	714.00	6668.76	+-
114	beldar	day	9.34	645.00	6024.30	+-
	TOTAL				196107.87	-
	Add 1 % Water charges on "W"				1961.08	T
	TOTAL				198068.95	X
	Add GST on "X" (multiplying factor 0.180)				35652.41	
	TOTAL				233721.36	Y
	Add 15% CPOH on "Y"				35058.20	Γ
	TOTAL				268779.56	Z
	Add Cess @ 1% on "Z"				2687.80	Γ
	Cost of 216.14 sqm.				271467.36	Γ
	Cost of 1 sqm.				1255.98	
	Say				1256.00	

#### **Market Rate Analysis**

Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. SUB HEAD: 9 - WOOD & PVC WORK 684 Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made. Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerancein dimension i.e. in depth & width of profile shall be acceptable.

Casement window double panels with S.S. friction hinges ( $300 \times 19 \times 1.9$  mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9  $\pm$  0.2 mm and single glazing bead of appropriate dimension. (Area of window above 0.75 sqm upto 1.50 sqm).

Code	Description	Unit	Quantity	Rate (₹)	Amount (₹)	Т
	Detail of Cost for uPVC casement window size 0.50 x 1.35 m = 0.68 sqm MATERIAL		quantity	Naio (t)	Amount (c)	
	Details of cost for 10 sqm					$\vdash$
	MATERIAL					$\vdash$
236	Providing 4mm thick plywood ceiling	sq	11.00	350.00	3850	Н
	including 10% wastage=11.00 sqm				- 0000	⊢
9977	Carriage	L.S	14.95	2.60	38.87	$\vdash$
9999	Nails	L.S	26.91	2.60	69.966	-
	Labour				30.000	┝
111	Carpenter 1st Class	day	2.50	900.00	2250	Н
114	Belder	day	2.00	500.00	1000	-
9999	Scaffloding	L.S	31.07	2.60	80.782	-
9999	Sundries	L.S	31.07	2.60	80.782	_
	Total			2.00	7370.40	_
	Add 15 % Water Charges on 'W'				1105.56	_
	Total				8475.96	_
	Add GST on 'X' (multiplying factor 0.18)				1525.67	_
	Total				10001.63	Y
	Add 15% CPOH on 'Y'				1500.24	_
	Total				11501.88	_
	Add Cess @ 1% on 'Z'				115.02	
	Cost of 10.00 sqm				11616.90	-
	Cost of 1.00 sqm				1161.69	_
	Say				1162.00	-

* Reason behind very high inflated bills is due to the BSNL tower installed within the NLU Campus. A reminder letter has been fowarded to the Chief	Current Bill Amount	V 1301,510.14	
₹1,329.10	DPC	₹16131014	Current Bill Amount
₹4,133.33	TMC	₹ 1 674 26	DPC
₹1,033.33	CPMC Rent	₹ 1,033.33 ₹ 4 122.22	TMC
₹0.00	Meter Rent	₹1,000	CPMC Rent
₹0.00	FPPPA Charges	₹0.00	Meter Boot
₹852.84	ED Amount	₹ 797.22	ED Amount
₹ 62,000.00	Fixed Charges	₹ 62,000.00	rixed Charges
₹ 98,076.00	Energy Charges	₹91,680.00	Energy Charges
	Billing Details:		Billing Details:
	Consumed] kWh		D:::: 7 ::
	Units Consumed: [Units		Cillis Consumed: [Units Consumed]
₹ 884.00	Current Reading: [Current Reading] kWh	₹1,098.00	kWh
s ₹ 656.00	Previous Reading: [Previous Reading] kWh	₹884.00	kWh  Current Reading: [Current Reading]
	Meter Reading Details:		Michel Reading Details:
	Breakup of Electricity Bills		Meter Booding Datil
₹ 1,00,08,38,812.00	Consumer ID	₹1,00,08,38,812.00	Rreaking of Electricity Bill
NDS002839	Meter No.	NDS002839	Meter No.
₹ 5,00,29,29,81,878.00	Bill No.:	₹ 5,00,29,47,16,851.00	Mata-Ni
₹ 45,261.00	₹ 45,	44	D:11 Vi



# BHARAT SANCHAR NIGAM LIMITED

Supplier's Address: O/o CGMT, BSNL NE-I Circle, Vivekanand Road, East Khasi Hills, Shillong-793001, Meghalaya Name & Communication Address of the Customer Leased Circuit Bill/Tax Invoice\*
M/S THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA Customer ID 7000915830 THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA Account Number 7000915832 NDCME2300004744 - SAILLONG IN MANUERHANJ COMPLEX NONGTHYMMAI-EAST KHASI HILLS Invoice Number Invoice Date 03/01/2024 Customer Type LEASED CIRCUIT Leased Circuit id 1000554548 Due Date Customer GSTIN: 25/01/2024 Deposit 0.00 Legacy Circuit Id ONLINE **Account Summary** Reverse Charge Applicability: No Previous Balance Last Payment Bandwidth & Other Tax Amount Account Balance **Amount Payable Current Charges** 818131.20 0.00 173332.99 31199.94 1022664.13 Amount In Words: Ten Lakhs Twenty-Two Thousand Six Hundred Sixty Five Rupees and Zero Paisa 1022665.00 Lead A/Bill to Address:-THE REGISTRAR NATIONAL LAW UNIVERSITY NONGTHYMMAI SHILLONG OF MEGHALAYA MAYURBHANJ COMPLEX-EAST KHASI HILLS IN 793014 Summary of Current Charges Amount(Rs) Lead B Address'-Recurring Charges 173332.99 One Time Charges 0.00 Circuit Type :Internet Circuit/ 500 MBPS LLA:- 2 LLB :- CHD :- 0 NON-MLLN Usage Charges 0.00 Recurring Charges Product Adjustments 0.00 Plan Qty Rate Charges Circuit Rent-SAC-998414 Discount 0.00 01/01/24 to 31/01/24 173332.99 Modem Discount-HSN-9973 Internet Circuit 01/01/24 to 31/01/24 Taxes 31199.94 Total Charges (Rs.) 0.00 0.00 **Total Charges** 204532.93 Tax Details ABCE Description CGST Tax Rate Amount 9.00% 15599.97 Taxable Value 173332.99

GST REGISTRATION NUMBER:17AABCB5576G1ZM

CIN: U7489:

Scan QR COde to make Online UPI Payment

Dear Customer, Income Tax Department, Govt of India has granted certificate no. 197(1)/AABCB5576G/2023-24/1 Dt 17/05/2023 (can be downloaded from the link at https://www.bsnl.co.in/opencms/bsnl/BSNL/about\_us/pdf/Cortificate197AABCXXXG2023.pd f to BSNL relating to TDS at lower rates applicable from 17/05/2023 0 31/03/2024. TDS to be

Accounts Officer (TR) recovered at the lower rates mentioned in the certificate issued by Income Tax Department... This is a Computer generated Bill and hence does not require any Signature \*Original For Recipient/Duplicate For Supplier Invoice No: NDCME2300004744 BHARAT SANCHAR NIGAM LTD Counter Foil Account No.: 7000915832 Invoice Date: 03/01/2024 Leased Circuit id.: 1000554548 Due Date: 25/01/2024 Amount Payable : 1022665.00
E-payment EFT Mode of payment Credit / Debit Card Cheque/DD No. Dated Bank Please Charge Rs. Branch ☐ Visa ☐ Masters ☐ Diners ☐ Amex Expiry Date Signature Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash),BSNL,MEGHALAYA

Note: Post Offices / Banks to accept Bills against Account Number on or before Due Date only 



# BHARAT SANCHAR NIGAM LIMITED

Supplier's Address: O/o CGMT, BSNL NE-I Circle, Vivekanand Road, East Khasi Hills, Shillong-793001,Meghalaya
Name & Communication Address of the Customer
Leased Circuit Bill/Tax Invoicet

M/S THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA

THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA

THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA
- SHILLONG IN
MAYURBHANJ COMPLEX NONGTHYMMAI-EAST KHASI HILLS
793014
India

Customer GSTIN: Deposit 0.00
Account Summa Legacy Circuit Id ONLINE

Customer ID **Account Number** Invoice Number Invoice Date

Customer Type Leased Circuit id **Due Date** 

7000915830 7000915832 NDCME2300004622 03/12/2023 LEASED CIRCUIT 1000554548 26/12/2023

Davis D.			Name and the second second			nev	erse Charge Applica	ability	r: No
Previous Balance	Last Payment	+	Bandwidth & Other Current Charges		Tax Amount	]	Account Balance	1	Amount Payable
613598.27	0.00		173332.99	-	31199.94	=	818131.20	=	
	Amount In Word	s: Ei	ght Lakhs Eighteen T	housan	nd One Hundred Th	j irty Ti	010131.20	<u>.</u>	818132.00 (Rounded Up)

Amount in Words	s: Eight Lakhs Eighteen	Thousand	One Hundred	Thirty Two Rupees and Zero Paisa	(Rounded Up)
Lead A/Biil to Address;- THE REGISTRAR NATIONAL LAW UNIVERSITY NONGTHYMMAI SHILLONG OF MEGHALAYA MAYURBHANJ COMPLEX-EAST KHASI HILLS IN 793014	Lead B Address;-			Summary of Current Charges  Recurring Charges	Amount(Rs
Circuit Type :leterant Circuit	Period 01/12/23 to 31/12/23 01/12/23 to 31/12/23	N-MLLN  Qty Rat  NA N  1 0.0	A 173332.99	Taves	0.00 0.00 0.00 0.00 31199.94 204532.93
8				Tax Details         Tax Rate         Amount           Description         Tax Rate         Amount           CGST         9.00%         15599.97           SGST/UTGST         9.00%         15599.97	Taxable Value 173332.99 173332.99
	,			Scan QR COde to make On Payment	iline UPI
ar Customer, Income Tax Department, Govt of I	India has granted certif	cate no.		Dear Customer Please dial toll	fron
7(1)/AABCB5576G/2023-24/1 Dt 17/05/2023 (c ps://www.bsnl.co.in/opencms/bsnl/BSNL/about BSNL relating to TDS at lower rates applicable overed at the lower rates mentioned in the certification.	an be downloaded from _us/pdf/Certificate197/	n the link a	(G2023.pd	1800-425-1957 (24 Hour) for any coregarding leased circuit.  Accounts Officer (T This is a Computer generated Bill and I not require any Signature.	R)

Dear Customer, Income Tax Department, Govt of India has granted certificate no. 197(1)/AABCB5576G/2023-24/1 Dt 17/05/2023 (can be downloaded from the link at https://www.bsnl.co.in/opencms/bsnl/BSNl/about us/st/10000000000000000000000000000000000	Scan QR COde to make Online UPI Payment
Dear Customer, Income Tax Department, Govt of India has granted certificate no. 197(1)/AABCB5576G/2023-24/1 Dt 17/05/2023 (can be downloaded from the link at https://www.bsnl.co.in/opencms/bsnl/BSNL/about_us/pdf/Certificate197AABCXXXXG2023.pd for the lower rates applicable from 17/05/2023 to 31/03/2024. TDS to be recovered at the lower rates mentioned in the certificate issued by Income Tax Department	Dear Customer Please dial toll free 1800-425-1957 (24 Hour) for any complaint regarding leased circuit.  Accounts Officer (TR)  This is a Computer generated Bill and hence does not require any Signature.
Invoice No: NDCME2300004622 Invoice Date: 03/12/2023  Due Date: 26/12/2023  Mode of payment Cash Cheque/DD Credit / Debit Card Cheque/DD No. Dated Dated Bank  Please Charge Rs. Against Card no.  Expiry Date Signature Card Holden Card Card Holden Constant Card Card Holden Card Holden Card Card Holden Card Card Holden Card Card Holden Card Holden Card Card Card Card Holden Card Card Card Card Card Card Card Card	Counter Foil  Account No.: 7000915832 Leased Circuit id.: 1000554548 Amount Payable: 818132.00  E-payment EFT  Branch  Visa Masters Diners Amex older's Name



Due Date: 25/11/2023

Cash

Mode of payment

Please Charge Rs.

Cheque/DD No.

**Expiry Date** 

## BHARAT SANCHAR NIGAM LIMITED

Supplier's Address: O/o CGMT, BSNL NE-I Circle, Vivekanand Road, East Khasi Hills, Shillong-793001, Meghalaya Name & Communication Address of the Customer Leased Circuit Bill/Tax Invoice\*
M/S THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA Customer ID 7000915830 THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA Account Number 7000915832 Invoice Number NDCME2300004583 03/11/2023 MAYURBHANJ COMPLEX NONGTHYMMAI-EAST KHASI HILLS 793014 Invoice Date Customer Type LEASED CIRCUIT Leased Circuit id 1000554548 **Due Date** 25/11/2023 Customer GSTIN: Deposit 0.00 Account Summary Legacy Circuit Id ONLINE Reverse Charge Applicability: No Previous Balance Last Payment Bandwidth & Other Current Charges Tax Amount Account Balance Amount Payable 409065 34 0.00 173332.99 31199.94 613598 27 613599.00 (Rounded Up) Amount In Words: Six Lakhs Thirteen Thousand Five Hundred Ninety Nine Rupees and Zero Paisa PAY NOW Summary of Current Charges Amount(Rs) Lead A/Bill to Address:-THE REGISTRAR NATIONAL LAW UNIVERSITY NONGTHYMMAI SHILLONG OF MEGHALAYA MAYURBHANJ COMPLEX-EAST KHASI HILLS IN 793014 Lead B Address:-Recurring Charges 173332 99 One Time Charges 0.00 Circuit Type :Internet Circuit/ 500 MBPS LLA:- 2 LLB :- CHD :- 0 NON-MLLN Usage Charges 0.00 Recurring Charges Product Adjustments 0.00 Plan Qty NA Period Rate Charges Discount Circuit Rent-SAC-998414 0.00 Internet Circuit 01/11/23 to 30/11/23 173332.99 dem Discount-HSN-9973 Taxes 31199.94 01/11/23 to 30/11/23 0.00 Total Charges (Rs.) **Total Charges** 173332.99 204532.93 PAN NUMBI Tax Details ABCE Description CGST Tax Rate Amount Taxable Value 9.00% 15599.97 SGST/UTGST 9.00% 15599.97 173332.99 GST REGISTRATION NUMBER:17AABCB5576G1ZM CIN: U7489 Scan QR COde to make Online UPI Payment Dear Customer, Income Tax Department, Govt of India has granted certificate no. Dear Customer Please dial toll free 1800-425-1957 (24 Hour) for any complaint regarding leased circuit. 197(1)/AABCB5576G/2023-24/1 Dt 17/05/2023 (can be downloaded from the link at https://www.bsnl.co.in/opencms/bsnl/BSNL/about\_us/pdf/Certificate197AABCXXXXG2023.pd f to BSNL relating to TDS at lower rates applicable from17/05/2023to 31/03/2024. TDS to be recovered at the lower rates mentioned in the certificate issued by Income Tax Department. Accounts Officer (TR) This is a Computer generated Bill and hence does not require any Signature \*Original For Recipient/Duplicate For Supplier BHARAT SANCHAR NIGAM LTD Counter Foil Invoice No: NDCME2300004583 Account No.: 7000915832 Invoice Date: 03/11/2023 Leased Circuit id.: 1000554548

Credit / Debit Card

Bank

Cheque/DD

Against Card no.

Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash),BSNL,MEGHALAYA

Note: Post Offices / Banks to accept Bills against Account Number on or before Due Date only

Signature

Dated \_\_\_\_\_

Amount Payable : 613599.00

Branch

☐ Visa ☐ Masters ☐ Diners ☐ Amex

EFT

E-payment



## BHARAT SANCHAR NIGAM LIMITED

Supplier's Address: O/o CGMT, BSNL NE-I Circle, Vivekanand Road, East Khasi Hills, Shillong-793001, Meghalaya Name & Communication Address of the Customer Leased Circuit Bill/Tax Invoice\*
M/S THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA Customer ID 7000915830 THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA Account Number 7000915832 Invoice Number NDCME2300004526 MAYURBHANJ COMPLEX NONGTHYMMAI-EAST KHASI HILLS Invoice Date 03/10/2023 **Customer Type** LEASED CIRCUIT Leased Circuit id 1000554548 **Due Date** 25/10/2023 Customer GSTIN: Deposit 0.00 Legacy Circuit Id ONLINE Account Summary Reverse Charge Applicability: No Previous Balance Last Payment Bandwidth & Other Current Charges Tax Amount Account Balance Amount Payable 340654.41 136122.00 173332.99 31199.94 409065 34 409066.00 (Rounded Up) Amount In Words: Four Lakhs Nine Thousand Sixty Six Rupees and Zero Paisa Summary of Current Charges Amount(Rs) Lead A/Bill to Address:-THE REGISTRAR NATIONAL LAW UNIVERSITY NONGTHYMMAI SHILLONG OF MEGHALAYA MAYURBHANJ COMPLEX-EAST KHASI HILLS IN 793014 Lead B Address:-Recurring Charges 173332.99 One Time Charges 0.00 Circuit Type :Internet Circuit/ 500 MBPS LLA:- 2 LLB :- CHD :- 0 NON-MLLN Payment Details
Description Date **Usage Charges** 0.00 Adjustments 0.00 Amount/Rs Discount **Payments** 0.00 136122.00 Taxes 31199.94 Recurring Charges Product **Total Charges** 204532.93 Plan Charges 173332.99 Rate Circuit Rent-SAC-998414 Internet Circuit 01/10/23 to 31/10/23 NUMBI Modem Discount-HSN-9973 Internet Circuit Tax Details 01/10/23 to 31/10/23 0.00 ABCF Total Charges (Rs.) Description CGST Tax Rate Amount 9.00% 15599.97 173332.99 Taxable Value 173332.99 SGST/UTGST 9.00% 15599.97 173332.99 GST REGISTRATION NUMBER:17AABCB5576G1ZM CIN: 17489 Scan QR COde to make Online UPI Payment Dear Customer, Income Tax Department, Govt of India has granted certificate no. Dear Customer Please dial toll free 1800-425-1957 (24 Hour) for any complaint regarding leased circuit. 197(1)/AABCB5576G/2023-24/1 Dt 17/05/2023 (can be downloaded from the link at https://www.bsnl.co.in/opencms/bsnl/BSNL/about\_us/pdf/Certificate197AABCXXXXG2023.pd f to BSNL relating to TDS at lower rates applicable from17/05/2023to 31/03/2024. TDS to be Accounts Officer (TR) recovered at the lower rates mentioned in the certificate issued by Income Tax Department...

This is a Computer generated Bill and hence does not require any Signature \*Original For Recipient/Duplicate For Supplier BHARAT SANCHAR NIGAM LTD Invoice No: NDCME2300004526 Counter Foil Account No.: 7000915832 Invoice Date: 03/10/2023 Leased Circuit id.: 1000554548 Due Date: 25/10/2023 Amount Payable : 409066.00
E-payment EFT Mode of payment Cash Cheque/DD Credit / Debit Card Cheque/DD No. Bank Branch Please Charge Rs. Against Card no. Visa Masters Diners Amex Expiry Date шш Signature Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash),BSNL,MEGHALAYA Note: Post Offices / Banks to accept Bills against Account Number on or before Due Date only Card Holder's Name 

For bank use only Page 1 of 1





# BHARAT SANCHAR NIGAM LIMITED

Supplier's Address: O/o CGMT, BSNL NE-I Circle, Vivekanand Road, East Khasi Hills, Shillong-793001, Meghalaya Name & Communication Address of the Customer Leased Circuit Bill/Tax Invoice\*
M/S THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA 7000915830 Account Number 7000915832 THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA Invoice Number NDCME2300004427 MAYURBHANJ COMPLEX NONGTHYMMAI-EAST KHASI HILLS Invoice Date 03/09/2023 Customer Type LEASED CIRCUIT Leased Circuit id 1000554548 **Due Date** 26/09/2023 Customer GSTIN: Deposit 0.00 Legacy Circuit Id ONLINE Reverse Charge Applicability: No **Account Summary** Previous Balance Last Payment Bandwidth & Other Current Charges Tax Amount Account Balance **Amount Payable** 340654.48 204533.00 173332.99 31199.94 340654.41 340655.00 Amount In Words: Three Lakhs Forty Thousand Six Hundred Fifty Five Rupees and Zero Paisa Summary of Current Charges Amount(Rs) Lead A/Bill to Address:-THE REGISTRAR NATIONAL LAW UNIVERSITY NONGTHYMMAI SHILLONG OF MEGHALAYA MAYURBHANJ COMPLEX-EAST KHASI HILLS IN 793014 Lead B Address Recurring Charges 173332.99 One Time Charges 0.00 Circuit Type :Internet Circuit/ 500 MBPS LLA:- 2 LLB :- CHD :- 0 NON-MLLN Payment Details
Description Date **Usage Charges** 0.00 Adjustments 0.00 Date 08/08/23 Amount(Rs.) Discount 0.00 204533.00 Taxes 31199.94 Recurring Charges Product **Total Charges** 204532.93 PAN NUMBI Plan Rate Charges Circuit Rent-SAC-998414 01/09/23 to 30/09/23 NA 173332.99 Modern Discount-HSN-9973 Total Charges (Rs.) Internet Circuit 01/09/23 to 30/09/23 0.00 0.00 Tax Rate Amount 9.00% 15599.97 Taxable Value 173332.99 Description 173332.99 CGST SGST/UTGST 9.00% 15599.97 173332.99 GST REGISTRATION NUMBER:17AABCB5576G1ZM CIN: U7489: Scan QR COde to make Online UPI Payment Dear Customer Please dial toll free 1800-425-1957 (24 Hour) for any complaint regarding leased circuit. Dear Customer, Income Tax Department, Govt of India has granted certificate no 197(1)/AABCB5576G/2023-24/1 Dt 17/05/2023 (can be downloaded from the link at https://www.bsnl.co.in/opencms/bsnl/BSNL/about\_us/pdf/Certificate197AABCXXXXG2023.pd f to BSNL relating to TDS at lower rates applicable from17/05/2023to 31/03/2024. TDS to be recovered at the lower rates mentioned in the certificate issued by Income Tax Department.. Accounts Officer (TR) This is a Computer generated Bill and hence does not require any Signature. \*Original For Recipient/Duplicate For Suppli Counter Foil

BHARAT SANCHAR NIGAM LTD Invoice No: NDCME2300004427 Account No.: 7000915832 Invoice Date: 03/09/2023 Leased Circuit id.: 1000554548 Due Date: 26/09/2023 Amount Payable : 340655.00
E-payment EFT Mode of payment Cash Cheque/DD Credit / Debit Card Cheque/DD No. Dated Bank Please Charge Rs. Against Card no. Diners Amex ☐ Visa Masters Expiry Date Signature Signature — Card Hole
Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash),BSNL,MEGHALAYA
Note: Post Offices / Banks to accept Bills against Account Number on or before Due Date only For bank use only



Please Charge Rs.

Expiry Date

# BHARAT SANCHAR NIGAM LIMITED

Supplier's Address: O/o CGMT, BSNL NE-I Circle, Vivekanand Road, East Khasi Hills, Shillong-793001, Meghalaya Name & Communication Address of the Customer Leased Circuit Bill/Tax Invoice\*
M/S THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA Customer ID 7000915830 Account Number 7000915832 THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA Invoice Number NDCME2300004330 MAYURBHANJ COMPLEX NONGTHYMMAI-EAST KHASI HILLS Invoice Date 18/07/2023 Customer Type LEASE Leased Circuit id 1000554548 LEASED CIRCUIT **Due Date** 09/08/2023 Customer GSTIN: Deposit 0.00 Legacy Circuit Id ONLINE **Account Summary** Reverse Charge Applicability: No Previous Balance Bandwidth & Other Current Charges Last Payment Tax Amount Account Balance **Amount Payable** -30981.36 0.00 141612.63 25490.28 136121.55 Amount In Words: One Lakh Thirty-Six Thousand One Hundred Twenty Two Rupees and Zero Paisa Summary of Current Charges Lead A/Bill to Address:-THE REGISTRAR NATIONAL LAW UNIVERSITY NONGTHYMMAI SHILLONG OF MEGHALAYA MAYURBHANJ COMPLEX-EAST KHASI HILLS IN 793014 Amount(Rs) Lead B Address:-Recurring Charges 141612.63 One Time Charges 0.00 Circuit Type :Internet Circuit,Internet Circuit/ 500 MBPS LLA:- 2 LLB :- CHD :- 0 NON-MLLN **Usage Charges** 0.00 Recurring Charges Product Adjustments 0.00 Period Charges Circuit Rent-SAC-998414 Discount 0.00 Internet Circuit 06/07/23 to 06/07/23 NA NA 1827.96 Circuit Rent-SAC-998414 Internet Circuit Taxes 07/07/23 to 31/07/23 25490.28 139784.67 Modern Discount-HSN-9973 Internet Circuit 06/07/23 to 31/07/23 Total Charges 0.00 0.00 167102.91 Total Charges (Rs.) 141612.63 NUMBI Tax Rate Amount 9.00% 12745.14 Taxable Value 141612.63 Description CGST SGST/UTGST 9.00% 12745.14 141612.63 GST REGISTRATION NUMBER:17AABCB5576G1ZM CIN: J7489 Scan QR COde to make Online UPI Payment Dear Customer, Income Tax Department, Govt of India has granted certificate no. Dear Customer Please dial toll free 1800-425-1957 (24 Hour) for any complaint regarding leased circuit. Dear Customer, income Tax Department, Govt of India has granted certificate no. 197(1)/AABCB5576G/2023-24/1 Dt 17/05/2023 (can be downloaded from the link at https://www.bsnl.co.in/opencms/bsnl/BSNL/about\_us/pdf/Certificate197AABCXXXXG2023.pd f to BSNL relating to TDS at lower rates applicable from17/05/2023to 31/03/2024. TDS to be recovered at the lower rates mentioned in the certificate issued by Income Tax Department.. Accounts Officer (TR) This is a Computer generated Bill and hence does not require any Signature. \*Original For Recipient/Duplicate For Supplier BHARAT SANCHAR NIGAM LTD Invoice No: NDCME2300004330 Counter Foil Account No.: 7000915832 Invoice Date: 18/07/2023 Due Date: 09/08/2023 Leased Circuit id.: 1000554548 Amount Payable : 136122.00
E-payment EFT Mode of payment Cash Cheque/DD Credit / Debit Card Cheque/DD No. Dated \_\_\_\_\_

Against Card no

Signature Signature \_\_\_\_\_\_ Card Hold Clease make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash),BSNL,MEGHALAYA Note: Post Offices / Banks to accept Bills against Account Number on or before Due Date only

Bank

☐ Visa

For bank use only

Masters Diners Amex





# BHARAT SANCHAR NIGAM LIMITED

Supplier's Address: O/o CGMT, BSNL NE-I Circle, Vivekanand Road, East Khasi Hills, Shillong-793001, Meghalaya

Name & Communication Address of the Customer Leased Circuit Bill/Tax Invoice\*
M/S THE REGISTRAR NATIONAL LAW UNIVERSITY OF MEGHALAYA THE REGIST RAR NATIONAL LAW UNIVERSITY OF THE REGIST RAR NATIONAL LAW UNIVERSITY OF MEGHALAYA MAYURBHA NJ COMPLEX NONGTHYMMAI-EAST KHASI HILLS 793014 India Customer ID 7000915830 Account Number 7000915832 Invoice Number NDCME2300004380 Invoice Date 07/08/2023 Customer Type LEASE Leased Circuit id 1000554548 LEASED CIRCUIT Customer GSTIN: **Due Date** 28/08/2023 Deposit 0.00 Legacy Circuit Id ONLINE Account Summary Reverse Charge Applicability: No Previous Balance Bandwidth & Other Current Charges Last Payment Tax Amount Account Balance Amount Payable 136121.55 0.00 173332.99 31199.94 340654.48 Amount In Words: Three Lakhs Forty Thousand Six Hundred Fifty Five Rupees and Zero Paisa 340655.00 Rounded Up) Summary of Current Charges Lead A/Bill to Address:-THE REGISTRAR NATIONAL LAW UNIVERSITY NONGTHYMMAI SHILLONG OF MEGHALAYA MAYURBHANJ COMPLEX-EAST KHASI HILLS IN 793014 Amount(Rs) Lead B Address:-Recurring Charges 173332.99 One Time Charges 0.00 Circuit Type :Internet Circuit/ 500 MBPS LLA:- 2 LLB :- CHD :- 0 NON-MLLN Usage Charges 0.00 Recurring Charges Product Adjustments 0.00 Charges Circuit Rent-SAC-998414 Qty Rate Discount Internet Circuit 01/08/23 to 31/08/23 0.00 173332.99 Modem Discount-HSN-9973 Internet Circuit 01/08/23 to 31/08/23 Taxes Total Charges (Rs.) 0.00 31199.94 173332.99 **Total Charges** 204532.93 VUMRI Tax Details VABCE Description CGST Tax Rate Amount 9.00% 15599.97 Taxable Value 173332.99 SGST/UTGST 9.00% 15599.97 173332.99 GST REGISTRATION NUMBER:17AABCB5576G1ZM CIN: J7489 Scan QR COde to make Online UPI Payment Dear Customer, Income Tax Department, Govt of India has granted certificate no. 197(1)/AABCB5576G/2023-24/1 Dt 17/05/2023 (can be downloaded from the link at https://www.bsnl.co.in/opencms/bsnl/BSNL/about\_us/pdf/Certificate197AABCXXXXG2023.pd f to BSNL relating to TDS at lower rates applicable from17/05/2023to 31/03/2024. TDS to be recovered at the lower rates mentioned in the certificate issued by Income Tax Department.. Dear Customer Please dial toll free 1800-425-1957 (24 Hour) for any complaint regarding leased circuit. Accounts Officer (TR) This is a Computer generated Bill and hence does not require any Signature. \*Original For Recipient/Duplicate For Supplier Invoice No: NDCME2300004380 BHARAT SANCHAR NIGAM LTD Counter Foil Invoice Date: 07/08/2023 Account No.: 7000915832 Leased Circuit id.: 1000554548 Due Date: 28/08/2023 <u> Amount Payable : 340655.00</u> Mode of payment Cash Cheque/DD Credit / Debit Card E-payment Cheque/DD No. | EFT Dated \_\_\_\_\_ Please Charge Rs. Branch Against Card no. ☐ Visa ☐ Masters ☐ Diners ☐ Amex ШШ Signature Card Hol Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash),BSNL,MEGHALAYA Note: Post Offices / Banks to accept Bills against Account Number on or before Due Date only Card Holder's Name For bank use only

18-70

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1000000		07367	Senior Administrative Assistant	19-01-2024   56	10-03-1991	- cilidic	Vngrono	5016 p	
800000		60300 5	Executive Officer		00-03-1393	Emple		5015 E	
00000		42910 C	Junior Administrative Assistant		03-03-1003	Male	Hunkihman Gashnga	5014 H	
00000T		42910 C	Junior Administrative Assistant		17-05-2000	Male	Henry Stefford Nongkhlaw		
1000		62776 B	Serior Administrative Assistant		17-08-1995	Female	Banpynjanai Pauline Kharpor		1
1000000		62776 B	Senior Administrative Assistant		22-03-1996	Male	Reuben i nongni		1
1000000		62776 B	enior Administrativo Assistant		02-01-1994	Female	Boulton The Committee		
800000		42910 C	Senior Administrative Assistant		08-07-1994	Male	darilang Scientist		
800000		2010	Junior Administrative Assistant	08-01-2024 J	08-08-1994	remale	leverson lyngdob		
800000		42010	Junior Administrative Assistant		19-02-198b	Formula	Eamicca Jyrwa	5008	
1500000		42910 6	Junior Administrative Assistant		18 05 1997	Female	Julian Diengdoh	5007	
0000cr		103670 A	Assistant Registrar		00 13 1007	Male	laisan Hame Nongbri	5006	
150		103670 A	ASSISTANT REGISTRAR		18-01-1986	Male	Ramsong Chantre Nongpiur	L	
1500000	٩	1036/0 A	A0000000000000000000000000000000000000		01-06-1987	Female	EMMAIAMI LITTING		
Sum Assured	Grade	Monthly Salary	Assistant Registrar	25-09-2023	31-03-1990	Male	Joe Oliver Mae Ryan Lyngdoh		
			Designation	Date of Joining Designation	Date of Birth	Gender	Name	٥	SI.No
	)						Non Faculty		
1500000	>	113540	14-07-2023 Assistant Professor	14-07-2023	COST-CO-TT				
1500000	Þ	144908		14 07 2022	11_00_1005	Male	Arunoday Majumder	1011	11
1500000	A	110040	13-07-2023 Assistant Professor	13-07-2023	24-11-1986	ng Male	Basil Nunvarkima Darlong Dieng Male	OTOL	5
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167		113540	12-07-2023 Assistant Professor	12-07-2023	2501 00 10		Vonce Air	1000	9
1500000	Þ	125942 A		17.07.2022	01-06-1992	Female	Isha Bihari	1008	00
1500000	A	VOTCTT	12-07-2023 Assistant Professor	12-07-2023	21-01-1982	Female	S Elika Assumi	1007	-
100000	A	113540	11-07-2023 Assistant Professor		16-11-1980	Male	Cipalikal kundu	1000	1
15		113540	03-07-2023 Assistant Professor		T66T-70-T2	- Cilidic	Diparkas Kanada	1006	6
	Þ		CHOCK	T	71 07 1001	Female	Ankita Chakraborty	1005	G
	A		01-07-2023 Research Fellow		12-12-1998	Female	Pragya Pasricha	1004	1
OOOOOCT	A		01-07-2023 Research Fellow		22-04-1996	har Male	Darren Meshulam Wahlang Thai Male	COOT	
2000000	Att	125942	26-06-2023 Assistant Professor		10-10-1988	remaie		1000	اس
Sum Assured	Grade	Alpipe Allinion	Vice Chancellor	_		Male	Umeshwari Dkhar	1002	2
		Monshire	Designation	Date of Joining	Date of Birth	Gender	Prof Indrait Dub	1001	1
									220

				000	7	0	TIOUS.	5 House	4		ىد	2			#	
		Total	rumiture	0.0	Additional Charges	Miscellaneous	riodscaceping and resident admin	alreaning and and a	Security	internet		electricity bill	riostel Kent (per annum)		Particulars	
	~ >,50,700,00	₹ 0 33 0 € 0 33	₹ 2,50,000.00	( 13,938.33	¥ 12 050 22	₹ 50,000,00	₹ 1,20,000.00	V 27,300.00	₹ 37 €00 00	₹ 62,500.00	< 1,00,000.00	₹ 1 00 000 00	₹3,00,000,00	Rate/Unit/Month	Estimated	Expenditure for anticipat
	₹ 1,12,07,500.00	\ 50,00,000,00	₹ 30 00 000 00	₹1,67,500.00	< 6,00,000.00	* (00 000 00	₹ 14 A0 000 00	₹ 4,50,000.00	00.000,000	₹7 £0 000 00	₹ 12.00.000 00	< 30,00,000,00	# 3/ 00 000 00	Estimated Rate/Unit/Year		Expenditure for anticipated 4 Hostels @ 160 Anticipated Students
, , , , , , , , , ,	₹ 4.48.30.000.00	₹ 1,20,00,000.00	< 0,70,000.00	₹ 6 70 000 oo	₹ 24,00,000.00	₹ 57,60,000.00	10,00,000.00	₹ 19 00 000 00	₹ 30,00,000.00	< 48,00,000.00	# 40 00 000	₹ 1,44,00,000,00		Per Annum * Estimated 4 Hostels		

(E/8)

### Annexure 9



A & S SOFTWARE CONSULTANCY PVT. LTD.

Formerly known as A & S Software Group CIN: U74140DL2015PTC281356

ISO 9001: 2008 ISO 27001:2013

MEMBER - GOVT. BODIES NASSCOM · NSIC · MSME G-14. 1# Floor South Extension Part-1, New Delhi-110049

Phone +91 97 73863555 Mobile +91 98 71575096

Email: director@assoftwaregroup.com Website www.assoftwaregroup.com

### Invoice

National Law University Meghalaya Mayurbhanj Complex, Nongthymmai, Shillong – 793014 India

proposal No.: NLUMEG/20240201001

Date :

01-02-2024

Sr. No.	Particulars		
1	Developing, Implementing and I Online admission including payn Meghalaya for 3 years First Year Second Year Third Year	Maintaining Application/ Portal for nent gateway integration for NLU	Amount (Rs)  1,25,00 1,25,00 1,25,00
	As nor Notification No. 200	Sub Total	3,75,000
5	GGST @9%	dated 25/01/2018 GST is exempted	Nil
	Dun	TOTAL	3,75,000
Terms & Cond	itions for payment:	Three lac seventy five thousand only	3,73,000
1) 18 % interes	st will be charged on all invoices	Pan No.: AANCA5217D	
not paid within	30 days from the date of		i
invoice.	. 30 days from the date of	C. C. C.	
not paid withir	1 30 days from the date of	STATE CODE: 07 SAC Code: 9983	

For A.S. & Software Consultancy Private Limited

Alun Lains Director

Arun Jain (Director)