

NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR
LANGOL, LAMPHELPAT, IMPHAL (W) – 795 004

MINUTES OF THE MEETING OF
18TH BUILDING & WORKS COMMITTEE (BWC)



DATE: 16th November 2021

TIME: 11:00 AM

Mode: Video Conference & offline mode (Composite Mode)

NIT Manipur, Langol Campus

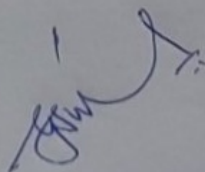
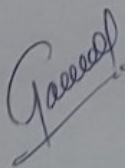
NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR
LANGOL, LAMPHELPAT, IMPHAL (W) – 795 004

MINUTES OF THE 18TH BUILDING & WORKS COMMITTEE (BWC)
HELD ON 16TH NOVEMBER 2021

The 18th Meeting of the Building & Works Committee (BWC) of the National Institute of Technology Manipur was held on 16th November 2021 at 11:00 am through Video conference & offline (composite mode) due to Covid-19. Prof (Dr) Goutam Sutradhar, Chairman of the BWC, NIT Manipur, presided over the meeting and the proceedings.

The following members and invitees were present:

- | | |
|--|--------------------|
| 1. Prof. (Dr) Goutam Sutradhar
Director, NIT Manipur | : Chairman |
| 2. Prof. Rajesh Kumar Bhushan
Registrar (i/c), NIT Manipur | : Member Secretary |
| 3. Dr. Potsangbam Albino Kumar
Dean (Planning & Development), NIT Manipur | : Member |
| 4. Mr. Dilung T.
CPWD, Manipur
(via video conference) | : Member |
| 5. Mr. Samarjit Singh
Executive Engineer, EE, NIT Manipur | : Invitee |



Prof (Dr) Goutam Sutradhar, Chairman of the BWC, NIT Manipur, welcomed all the members and invitees, and then requested the Registrar (i/c) (Member Secretary), to initiate the proceedings and discussions on the Agenda Items. The item-wise decisions and resolutions are hereby listed below:

Item No. 18.1 Confirmation of the Minutes of the 17th Building & Works Committee held on 24th August 2021.

Decision taken: Minutes of the 17th BWC was circulated to all members and as no comment was received in this regard, the minute was considered to be confirmed and accordingly, the house passed the same.

Item No. 18.2 Action taken on the decision of the 17th Meeting of the Building & Works Committee held on 24th August 2021.

Decision taken: The action taken and respective notes/comments on the various agenda items in reference to action taken under the 25th FC and 25th BoG for each sub-item were revisited and discussed as follows:

Sl	Item no	Decision taken	Action taken
1	17.3	Estimation of cost for the various infrastructure of NIT Manipur as per the assessment by Prof. S.R. Gandhi Committee.	Approved by the BOG and Communicated to CPWD Manipur vide letter no NITM/1/(16-Estt)/Percam/2016-653, dated 18/10/2021 (Annexure 18.1). The committee requested the CPWD Manipur member present kindly to submit the report before 30 th November as the matter has to be placed in FC and BOG which is likely to be held by 10 th December 2021.
2	17.5	Payment of MoBED related construction works.	Approved by the BOG and it is under process.
3	17.6	a) Renaming of quarters as per the recommendation of the BOG. b) To hire a Construction monitoring Consultancy Firm c) Preparation of Master Plan for NIT Manipur.	a) Noted and renamed vide order no NITM.1/(37-Estt)/Quater/2016/264 (Annexure 18.2). b) The BWC recommended that the proposal for engaging a Project Monitoring Cell (PMC) as per GOI rule, monitor all constructions and repairing works taken up in line with the decision taken in FC/BoG. c) Noted and communicated to CPWD Manipur vide letter no NITM/1/(16-Estt)/Percam/2016-653, dated 18/10/2021 (Annexure 18.1)

Item No. 18.3

- Tendering for Partition of Civil and ECE departmental Lab.
As per the 3rd Institute Construction Committee (ICC) meeting minutes, a total of Rs. 23,99,000/- (ECE: 13,76,000+ CE: 10,23,000) is required for the refurbishment/partitioning of the Labs. and department for the optimum use of departmental space. Estimation and drawings are enclosed as Annexure 18.3. The committee recommended that before the financial concurrence and work execution, the vetting of the estimates will be framed as per the DSR as followed by the CPWD Manipur. The expenditure of these works may be carried out from IRG.

Item No. 18.4

- Maintenance of faculty quarters, departmental office, repairing of existing roads and earthen embankments inside the Institute.
The committee recommended the proposed projects to be carried out from the following Heads and on priority basis and availability of funds.

Sl No.	Description	Amount (Rs)	Fund Head
1	Dr. Kundan Quater	1,50,000	Head 31
2	Dr. Kundan Office/sitting Place	77,000	IRG
3	Dr. Sunil Pandey Quater	72,000	Head 31
4	CSE Library Wing	2,89,000	Head 31
5	Approach route Gate 2- ECE faculties Office	3,00,000	Head 31
6	Earthen Embankment (Gate 1 - Bamboo workshop)	1,63,000	Head 31
7	Civil partition	10,23,000	IRG
8	ECE Partition	13,76,000	IRG

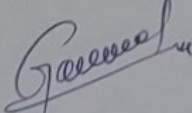
Item No. 18.5

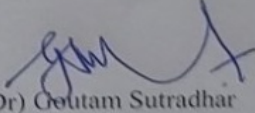
Miscellaneous items:

Payment for the construction of ECE Lab.

- The construction of ECE lab. was approved by the competent authority for an estimated amount of Rs. 66,25,119/- on 9/10/2017 and the work order was given to Gainkhonlung Panmei (Contractor) for an amount of Rs.59,45,456/- vide order no NITM.2/Engg/17-18/T-40, dated 03/11/2017 (as per the tender quoted price). As a first installment, a bill amount of Rs. 15,36,735/- (excluding deduction of Labour Cess 16,348 and Security deposit 81,741) was released to the contractor on 31/03/2018 vide No. NITM.21(Engg)/Solar ECE/17-18.
- As per the 25th BOG, the release of the pending amount Rs 40,00,000/- was approved as per the recommendation of 25th FC however after verification by the institute's Engineering Cell and vetting by CPWD. Thereafter, the Institute Engineering Cell submit the final pending bill of Rs. 42,89,303/-. As a running bill, 2nd installment of Rs. 20,00,000/- was released on 29/10/2021 vide NITM.21(Engg)/Solar ECE/17-18/270(2021-22) after physical verification by the ICC.
- For the payment of the remaining bills, the committee recommended the final payment will be released after vetting of the estimation along with physical verification by the CPWD Manipur in compliance with the 25th BOG minutes.

The Meeting ended with a vote of thanks by Reg (i/c), Member Secretary of the Building & Works Committee.


Prof. Rajesh Kumar Bhushan
Registrar (i/c), NIT Manipur
&
Member Secretary,
Building & Works Committee
National Institute of Technology Manipur


Prof (Dr) Goutam Sutradhar
Director, NIT Manipur
&
Chairman,
Building & Works Committee
National Institute of Technology Manipur

Faculty of Technology, Manipal University, Bangalore 560075, India

Date: 18th October 2021

Sub: Financial implications of the recommendation of Prof.Gandhi's Committee - Reg.

The 25th Board of Governors meeting of NIT Manipur had approved the recommendation to entrust CPWD to work out the financial implications of Prof. Gandhi's Committee Report (copy enclosed). The Committee had recommended prioritization of some infrastructural development works as per the immediate requirements of the Institute.

A. Semi-permanent structures

- ### 13. Permanent Structure in Western Campus

- ### C. Permanent Structures in Eastern campus

- #### 11. Master Plan of NEF Manipur

Th. Kuntz 84

You are therefore requested to use your good offices to work out the financial implications as per the recommendation of the Board of Governors.

We will be highly obliged if CPWD can take up the matter on priority basis and a report may be submitted to the Institute for placing before the BOG and to the Ministry of Education.

Applicable charges if any may kindly be intimated to the Institute.

With warm regards,

Yours sincerely,

Encl: Prof. Camillo's Committee Report


(Dr. Dh. David Singh)
Registrar i/c, NIT Manipur

Copy to:

- (i) PS to the Director, NIT Manipur
- (ii) Dean P&D, NIT Manipur
- (iii) Executive Engineer, NIT Manipur
- (iv) Guard File



NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

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An Autonomous Institute under Ministry of Education, Govt. of India

OFFICE ORDER

Imphal, the 27th October, 2021

No. NITM.1/(37-Estt)/Quarters/2016/ 264 The competent authority of the Institute is pleased to allot the quarter number of the following quarters as under

Sl. No.	Quarters allotted to faculty/staff	Allotted Quarter Number
1	Dr. Bibhu Prasad Swain Associate Professor	T/III-A
2	Dr. Benjamin Shimray Assistant Professor	T/III-B
3	Dr. Anil Kumar Birru Assistant Professor	T/III-C
4	CRPI	T/III-D
5	(L) Somorendro Singh Former Accountant	T/III-E
6	Girls hostel	T/IV-A
7	Director's Security	T/III-F
8	Students Barrack	T/B-1
9	FCE Block	T/B-2

(Dr. Th. David Singh)
Registrar (i/c), NIT Manipur.

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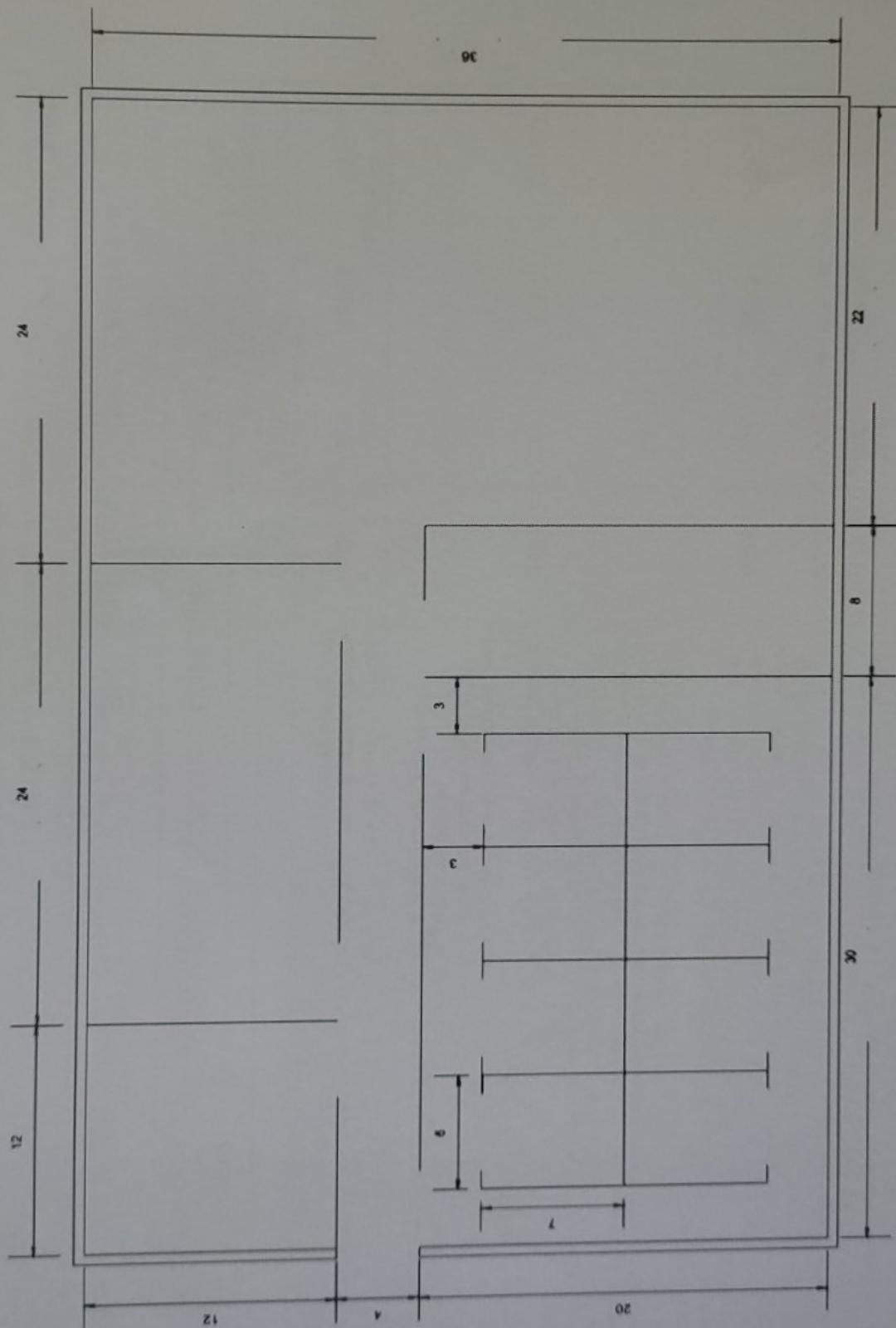
1. P.S. to Director, NIT Manipur.
2. Dean (Academic), NIT Manipur
3. Assistant Registrars, NIT Manipur
4. Accounts Officer, NIT Manipur
5. Accountant, NIT Manipur
6. CF/GF.

Annexure 18.3
DETAILS OF MEASUREMENT
Name of Work: Construction of partition wall of Electronics and Communication Engineering Department NIT Manipur, Langol

SL. NO.	Particulars of items and details of work	No.	L(m)	B(m)	D(m)	Quantity	Explanatory Note	unit
1	Providing wood works in frames of doors, windows, clerestory windows & other frames, wrought framed & fixed in position. Local best quality Teak wood :	61 & 4	4 & 68.28	0.1	0.08	4.14	4"x 2" size wood for both vertical member and horizontal member frame. 61nos of 4m length for vertical members. Parallel 4no.of horizontal member of total length 68.28m each.	cum
2	Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade 1 Type II in panelling fixed in aluminium doors, windows shutters and partition frames with C.P brass/stainless steel screws etc. complete as per architectural drawing and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both	2	69.51		4	556.08	For partition wall	sqm
3	Providing and fixing aluminium works for doors windows, Ventilators and partitions work extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS:733 and IS:1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up gaps at junctions, at top, bottom and side with required EPDM rubber/Neoprene gasket etc. Aluminium snap beading for glazing /panelling, C.P. brass/ Stainless steel screws, all complete as per architectural drawing and the directions of Engineer-in-charge.(Glazing and panelling to be paid for separately): For shutters of doors, windows & ventilators including, providing and fixing hinges/ pivots and making provision for fixing of fitting wherever required including the cost of EPDM rubber/neoprene gasket required (Fittings shall be paid for separately). Anodised aluminium (anodised transparent or dyed to required shade according to IS:1868, Minimum anodic coating of grade AC 15)	5	7.9			125.22	3.170kg/m	kg
4	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-Charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5.50 mm thickness	5	1.21		2.13	12.89	For doors	sqm

ABSTRACT OF COST

SL.NO.	Particulars of items of work	Quantity	Unit	Rate(Rs)	Amount(Rs)
1	Providing wood works in frames of doors, windows, clerestory windows & other frames, wrought framed & fixed in position. Local best quality Teak wood :	4.14	cum	77590.90	321226.33
2	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade 1 Type II in panelling fixed in aluminium doors, windows shutters and partition frames with C.P brass/stainless steel screws etc. complete as per architectural drawing and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on one side and blacing lamination on other side	556.08	sqm	902.6	501917.81
3	Providing and fixing aluminium works for doors windows, Ventilators and partions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS:733 and IS:1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up gaps at junctions, at top, bottom and side with required EPDM rubber/Neoprene gasket etc. Aluminium snap beading for glazing /panelling, C.P. brass/ Stainless steel screws, all complete as per architectural drawing and the directions of Engineer-in-charge.(Glazing and panelling to be paid for separately): For shutters of doors, windows & ventilators including, providing and fixing hinges/ pivots and making provision for fixing of fitting wherever required including the cost of EPDM rubber/neoprene gasket required (Fittings shall be paid for separately). Anodised aluminium (anodised transparent or dyed to required shade according to IS:1868, Minimum anodic coating of grade AC 15)	125.22	kg	328.7	41159.81
4	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-Charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5.50 mm thickness	12.89	sqm	1018.8	13132.33
		Total			877436.28
		A	Add 6% Cl/year		1088020.99
		B	12% electrification		130562.52
		C	Total (A+B)		1218583.51
		D	GST 12%		146230.02
		E	Labour cess 1%		12186
					1376999.36
				Say	13,76,000/-
	Rupees Thirteen Lakh Seventy Six Thousand				



All dimensions are in feet.
 Double line indicates existing brick wall.
 Single line indicates proposed partition wall.

UTM LAB

ABSTRACT OF COST

Name of Work: Construction of partition wall for UTM lab, Civil Dept. NIT Manipur, Langol

SL.NO.	Particulars of items of work	Quantity	Unit	Rate(Rs) As per MSR 2017	6% CI /year	Amount(Rs)	Remarks
1	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade 1 Type II in panelling fixed in aluminium doors, windows shutters and partition frames with C.P brass/stainless steel screws etc. complete as per architectural drawing and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on one side and blacing lamination on other side	67.34	sqm	866	1073.84	72312.39	MSR 2017
2	Providing wood work in frame of false ceiling, partition etc sawn & put up in position.	0.41	cum	33,031.40	40958.94	16793.16	
				A	total	89106	
				B	12% Electrification	10693	
				C	Total (A+B)	99798	
				D	12% GST	11976	
				E	LC 1%	998	
					Total (C+D+E)	112772	

Say **1,12,000/-**

Rupees One Lakh Twelve Thousand

UTM

DETAILS OF MEASUREMENT

DETAILS OF MEASUREMENT

Name of Work: Construction of partition wall for UTM lab, Civil Dept. NIT Manipur, Langol

SL. NO.	Particulars of items and details of work	No.	L	B	D	Quantity	Unit	Explanatory Note
1	Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade 1 Type II in panelling fixed in aluminium doors, windows shutters and partition frames with C.P brass/stainless steel screws etc. complete as per architectural drawing and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on one side and blacing lamination on other side	2	9.1		3.7	67.34	Sqm	
2	Providing wood work in frame of false ceiling, partition etc sawn & put up in position.	6	6	0.1	0.08	0.29	cum	Vertical member
		5	3.7	0.08	0.08	0.12		Horizontal member
					total	0.41		

SURVEY LAB

ABSTRACT OF COST

Name of Work: Construction of partition wall for survey lab and staff room of Civil Dept. NIT Manipur, Langol						
SL NO.	Particulars of items of work	Quantity	Unit	Rate(Rs) As per MSR 2017	6% CI /year	Amount(Rs)
1	Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade 1 Type I in jorrelling fixed in aluminium floors, windows shutters and partition frames with C.P brass/stainless steel screws etc. complete as per architectural drawing and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on one side and blacing lamination on other side	333.89	sqft	866	1073.84	358544.44
						MSR2017
2	Providing wood work in frame of false ceiling, partition etc sawn & put up in position.	1.07	cum	33,031.40	40958.94	43826.06
3	Providing & fixing 3 mm thick Teak Ply ceiling with screws & washers etc. complete (frame work to be paid separately).	40.77	sqm	115.5	143.22	5839.08
				total		408210
				12% Electrification		48985
				Total (A+B)		457195
				12% GST		54863
				LC 1%		4572
				Total (C+D+E)		516630
				Say		5,16,000/-

Rupees Five Lakh Sixteen Thousand

SURVEY LAB

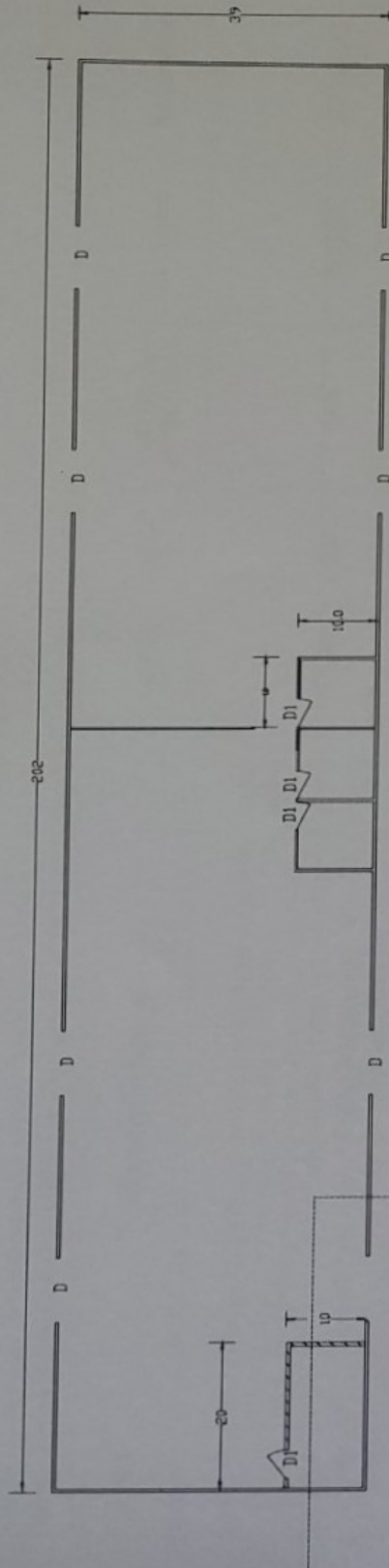
DETAILS OF MEASUREMENT

Name of Work: Construction of partition wall for survey lab, Civil Dept. NIT Manipur, Langol

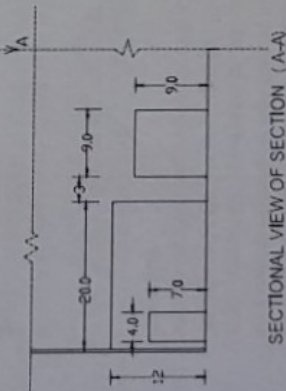
SL. NO.	Particulars of items and details of work	No.	L	B	D	Quantity	Unit	Explanatory Note
1	Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade 1 Type II in panelling fixed in aluminium doors, windows shutters and partition frames with C.P brass/stainless steel screws etc. complete as per architectural drawing and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on one side and blacing lamination on other side	4	22.56		3.7	333.89	sqm	L = (20+10+24+10+10) ft = 74ft = 22.56 m
2	Providing wood work in frame of false ceiling, partition etc sawn & put up in position.	20	3.7	0.1	0.08	0.59		vertical member
		4	11	0.08	0.08	0.28	cum	horizontal member
		1	79.72	0.05	0.05	0.20		ceiling
			Total			1.07		
3	Providing & fixing 3 mm thick Teak Ply ceiling with screws & washers etc. complete (frame work to be paid separately).	1	13.41	3.04		40.77	sqm	

SURVEY LAB CIVIL DEPT.

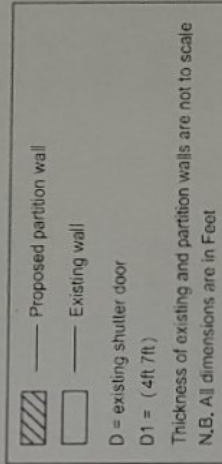
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PLAN



SECTIONAL VIEW OF SECTION (A-A)



GIS

ABSTRACT OF COST

Name of Work: Construction of partition wall for faculties, staff, research scholar and GIS lab.

S.No.	Particulars of items of work	Quantity	Unit	Rate(Rs)	Amount(Rs)	Remarks
1	Providing and fixing aluminum works for doors windows. Ventilators and partitions with extruded built up standard tubular sections, appropriate Z sections and other sections of approved make conforming to IS 733 and IS 1285. Floor with raw drugg and screens or with fang clips, or with expansion hole fasteners including necessary filling up gaps at junctions, at top bottom and side with required EPDM rubber/fluorene gasket etc. Aluminum snap beading for glazing (specifying C.P. brass/ Stainless steel screens all complete as per architectural drawing and the directions of Engineer-in-charge (Coloring and painting to be paid for separately)	425.90	kg	328.70	139993.33	MISD 2017
2	Providing and fixing 12mm thick pre-pennated particle board flat pressed three layer or graded wood particle board conforming to IS 12923 Grade 1 Type I or particle board in aluminum doors, windows shutters and partition frames with C.P. brass/stainless steel screens etc. complete as per architectural drawing and directions of engineer-in-charge pre-pennated particle board with decorative lamination on one side and coloring, lamination or other side	124.23	sqm	902.6	112130.00	

Total	252123.33
A	Add 6% C/year
B	12% electrification
C	Total (A+B)
D	GST 12%
E	Labour cess 1%
	Say
	3,95,000/-

Rupees Three Lakh Ninety Fifty Thousand

Minister of the I.P. B.M.C.

GIS

DETAILS OF MEASUREMENT

Name of Work: Construction of partition wall for faculties, staff, research scholar and GIS lab.

SL. NO	Particulars of items and details of work	No.	L(m)	B(m)	D(m)	Quantity	Explanatory Note	unit
1	Providing and fixing aluminium works for doors windows, Ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS 733 and IS 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up gaps at junctions, at top, bottom and side with required EPDM rubber/neoprene gasket etc. Aluminium snap beading for glazing paneling C.P. brass/ Stainless steel screws, all complete as per architectural drawing and the directions of Engineer-in-charge.(Glazing and paneling to be paid for separately).	1	219.36			392.65	Length = (38nos x 3.7m) + 46m x 4nos.) and weight = 1.79 Kgl/m	kg
		4	7.9			33.24	for door (1.052 kg/m)	
					Total	425.90		
2	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS 12823 Grade 1 Type II in paneling fixed in aluminium doors, windows shutters and partition frames with C.P brass/stainless steel screws etc. complete as per architectural drawing and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both	1	30.79		3.7	113.92	For partition wall	sqm
		4	1.21		2.13	10.31	for doors	
						124.23		

LAYOUT FOR THE INDICATION OF REQUIRED PARTITION IN GIS LAB , CIVIL ENGG. DEPT.



INDEX

- Wall to be constructed
- Existing wall
- D → 4ft width door to be constructed

INDICATION OF REQUIRED PARTITION IN GIS LAB IN CIVIL ENGG. DEPT.

Checked by:	SCALE - 1/100
Prepared by:	Date: 29.07.2021
Drafted by:	All unit are in feet