

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

MINUTES OF THE MEETING OF
20TH BUILDING & WORKS COMMITTEE (BWC)



DATE: 16th June 2022
TIME: 11:00 AM

Mode: Video Conference & offline mode (Composite Mode)
NIT Manipur, Langol Campus

Signature

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

MINUTES OF THE 20TH BUILDING & WORKS COMMITTEE (BWC)
HELD ON 16TH JUNE 2022

The 20th Meeting of the Building & Works Committee (BWC) of the National Institute of Technology Manipur was held on 16th June 2022 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
(via video conference) | : 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. Shri M.L. Soni
Director (NITs)
Department of Higher Education
Ministry of Education
Govt. of India
(via video conference) | : Member |
| 5. Mr. Anil Kumar
Director (Finance)
Integrated Finance Division
Department of Higher Education,
Ministry of Education,
Govt. of India
(via video conference) | : Member |
| 6. Mr. Wilson Panmei
CPWD, Manipur
(via video conference) | : Member |



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. 20.1 Confirmation of the Minutes of the 19th Building & Works Committee held on 11th March 2022.

Decision taken: Minutes of the 19th 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 Committee passed the same.

Item No. 20.2 Action taken on the decision of the 19th Meeting of the Building & Works Committee held on 11th March 2022.

Decision taken: The action taken and respective notes/comments on the various agenda items in reference to action taken under the 27th FC and 27th BoG for each sub-item were revisited and discussed as follows:

Sl	Item no	Decision taken	Action taken
1	19.3	For the release of payment of piling work of OBC Boys and Girl's hostel.	As physical verification report has been received from CPWD, the BOG had recommended that payment of Rs. 3.474 crore may be released from IRG as per approval of the 17 th BOG subject to the proper examination of the measurement book maintained by the Executive Engineer of the Institute for the projects. The payment is under process.
2	19.4	To prepare preliminary cum detailed estimates taking help of CPWD to ascertain the financial estimates of the works.	The preparation of a Revised DPR is in process and has been prepared in line with the recommendation made by (i) Prof. Gandhi Committee report and (ii) ADG Committee report

Item No. 20.3 Report on Minor Civil Work

The Dean P&D, Dr.P. Albino Kumar placed before the Committee the status of the minor Civil Work carried out under OH-31 and IRG.

Sl. No.	Description/Items of work	Work awarded amount	Physical Status	Approval	Head	Remarks
<u>From OH31 and completed</u>						
1	Renovation of roof and ceiling at faculty quarter - Langol campus eastern side. (Dr. Sunil Panday)	70,000.00	100%	18 th BWC	OH31	Under Process for payment
2	Maintenance of staff quarter at Takyel campus NIT Manipur. (Dr. Kundan Kumar)	1,49,094.00	100%	18 th BWC	OH31	
3	Mechanical workshop compressor foundation	102884.00	100%	5 th ICC	OH31	
4	Whitewashing and electrification work for CSE Dept.	25,000.00	100%	5 th ICC	OH31	

<u>From OH31 and completed</u>						
Sl. No.	Description/Items of work	Work awarded amount	Physical Status	Approval	Head	Remarks
5	Whitewashing and wall plastering faculty qtr Takyel campus (Prof. Rajesh Bhushan)	25,000.00	100%	5 th ICC	OH31	Under Process for payment
6	White washing and minor maintenance work at Boy's hostel no. 1, Langol campus	4,94,470.00	100%	5 th ICC	OH31	
7	Purchasing of electrical items for Boy's hostel no. 1.	1,68,204.00	100%	5 th ICC	OH31	
8	Restoration of collapsed fencing by storm	1,95,150.00	100%	7 th ICC	OH31	
9	Restoration works for Boys Hostel-2 Ceiling damaged by storm)	85,600.00	100%	7 th ICC	OH31	
10	Restoration work of wooden framed temporary class room (damaged by storm)	2,95,330.00	100%	7 th ICC	OH31	
11	Maintenance works of Girls Hostel Takyel Campus	3,25,500.00	100%	7 th ICC	OH31	
<u>From OH31 and not yet to be started</u>						
12	Purchase of sanitary and bathroom items for Boy's hostel no. 1	-----	0%	5 th ICC	OH31	
<u>From IRG and Completed</u>						
13	Partitioning for faculty room, CE Engg. Dept.	2,49,400.00	100%	18 th BWC	IRG	Under Process for payment
14	Refurbishment of the partition wall of the Administration block NIT Manipur Campus	62,563.00	100%	22 nd FC/BO G	IRG	
15	Renovation of faculty quarter at Takyel campus NIT Manipur (Dr. Mirmal Kanti)	1,35,655.00	100%	24 th FC/BO G	IRG	
16	Partition portion of GIS lab cum staff rooms Civil Engg Dept.	2,47,250.00	100%	18 th BWC	IRG	
17	Partitioning for PhD research scholars Kiosks, Civil Engg. Dept.	2,45,100.00	100%	18 th BWC	IRG	
18	Construction of partition wall for survey lab.	1,76,300.00	100%	18 th BWC	IRG	
19	Construction of partition wall for UTM lab.	1,24,700.00	100%	18 th BWC	IRG	
<u>From IRG and Ongoing</u>						
20	Renovation of Drain covers of all existing drains to use as pedestrians	97170.00	60%	24 th FC/BO G	IRG	To be completed
<u>From IRG and yet to be started</u>						
21	Provisioning of seating space (Dr. Kundan Kumar)	77,000.00	0%	18 th BWC	IRG	To be started
22	Construction of partition wall for Dean's room NIT Manipur, Langol	1,93,969.00	0%	22 nd FC/BO G	IRG	
23	Refurbishment of existing generator room and its extension for bank building (BOB) including generator shifting and installation	14,05,181.00	0%	24 th FC/BO G	IRG	

Garwal

[Signature]

Generally, all maintenance were to be incurred from OI-31. However, due to insufficient funds in OI-31 during the finalization of work, items no 13th - 23rd were recommended to be incurred from IRG by the BWC and approved by the FC and BOG as mentioned in the Table. The committee noted the status and the progress of the various maintenance and minor Civil works taken up by the Institute and asked to be placed to the upcoming FC/BOG for the release of the payment.

Item No. 20.4

Miscellaneous items

The issue regarding the finalization of the revised DPR was discussed extensively. The institute DPR is prepared from 2010 to 2024, i.e. since the starting of NIT Manipur and prepared based on the recommendation by the Prof. Gandhi's committee and the ADG report. Mainly, three agencies have done the construction of NIT Manipur- (i) CPWD Manipur, (ii) Education Engineering Wing (EEW), Manipur Government and (iii) Institute Engineering cell/Wing (IEC). Most of the completed project works were under EEW and IEC however all the three firms have several incomplete projects due to lack of funds (**Details in Annexure 20.1**). The revised DPR is thus prepared considering the completed projects and also the incomplete projects which are necessary to continue as identified by the Prof. Gandhi committee and ADG reports. Thus the construction part of the revised DPR mainly includes (i) already released bills (ii) liabilities and (iii) the amount required for the completion of the identified project work. The committee hereby advised to explore and communicate with Central Government firms and PSUs like Edcil, NBCC, CPWD and also PWD Manipur, etc for the finalization of the DPR.

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

Annexure 20.1

COST SHEET WITH ALL COST COMPONENTS.
NIT'S CONSTRUCTION PLAN FOR 2010 - 2024
 Status Statement & Physical Financial & Liability of NIT Manipur
A. Executed by CPWD
 Type of Building: Permanent

S. No.	Name of the Building/ facility	Estimates		Month/ Year of Starting of Work	% of completion (w.r.t to estimated cost)	Expenditure Incurred (Rs.Cr.)	Balance amount	Tentative dated of Completion as per the initial plan
		Area (Sq Mt.)	Estimates Cost (Rs in Cr.)					
1	2	3	4	5	6	7	8	9
1.	C/o NIT Academic (Multipurpose Building)	18384	210.22	24/03/2015	20%	53.28	156.94	31/12/2019
2.	C/o of Boys Hostel (300 nos. boys)	9863	75.17	24/03/2015	15%	22.07	53.10	
3.	C/o 6 nos. Type-IV quarters	780	7.15	08/07/2015	45%	3.26	3.89	31/10/2018
4.	C/o 6 nos. Type-III quarters	520	4.71	07/07/2015	50%	2.79	1.92	
5.	C/o 30 Men Barrack	600	2.84	25/08/2015	55%	2.10	0.74	
	Total		300.09			83.5	216.59 (CPWD)	

#Note:

- 1) Progress of all works stopped since May 2015 due to non-adequate release of fund.
- 2) Item no 3,4 and 5 are recommended as the most Priority work to be carried out by the Professor Gandhi committee along with approach roads towards this three buildings. The tentative cost is Rs 6.55 Crore (excluding cost escalation).
- 3) Item no. no 1 and 2 were recommended by Prof. Gandhi committee as later Priority.
- 4) Liabilities based on complete construction: Rs. 216.59 Crore (CPWD Liab)

Status Statement & Physical Financial & Liability of NIT Manipur
 B. Executed by Education Engineering Wing (EEW), Government of Manipur

Type of Building : Semi-Permanent

Amount(in Cr)

Name of Work: Development of Infrastructure for National Institute of Technology Manipur

Sl. No	Sub - Head	Work Awarded Amount (in Cr)	Amount Already Released	Physical Progress	Value of work already Completed	Work done Pending Liability	Balance Amount Required i/c Liability
1	2	3	4	5	6	7	8
<i>A: Completed Works and handed over (No Liabilities)</i>							
1	Construction of compound fencing on western side 804m and North eastern side 372m of Shija Hospital (Phase - I)	4.16	4.16	100%	4.16	-	-
2	Construction of surface Water reservoir	0.31	0.31	100%	0.31	-	-0.00
3	Wall fencing near administrative building.	0.51	0.51	100%	0.51	-	0.00
4	Internal Road N.I.T.	0.90	0.90	100%	0.90	-	-
5	Land Development	5.00	5.00	100%	0.00	-	-
6	Construction of warden quarter 2 nos.	1.25	1.25	100%	1.25	-	0.00
7	Construction of compound fencing on western side 804m and North eastern side (Tarung Village) for the portion 0 to 1068 (Phase - II fencing)	3.78	3.78	100%	3.78	-	0.00
8	Construction of Supervisor quarters (two) nos and Barrack Two nos	2.27	2.27	100%	2.27	-	-0.00
9	Land Development for Supervisor, Warden & Barrack quarter	0.48	0.48	100%	0.48	-	0.00
10	Compound Fencing Phase - III	0.60	0.596	100%	0.60	-	-
11	Construction of Playground 90 x 130	1.95	1.95	100%	1.95	-	-
12	Land development for 2nd boys hostel	1.65	1.65	100%	1.65	-	-
13	Construction of 6nos. Of elevated water tank.	0.20	0.20	100%	0.20	-	-
14	Land Development for second group warden quarter 1 no. Barrack and Supervisor quarter 1no. Each.	0.48	0.48	100%	0.48	-	-
15	Construction of compound fencing Phase-IV Extra Item works Vide No.N.I.T.M.1/96.Estt/Edn.Engg. Wing/2015 - 8836	8.18	8.18	100%	8.18	-	-
16	a) Construction of Generator Shed b) Construction of Shop & ATM Boot c) Construction of Compound fencing around Boys Hostel d) Construction of Compound fencing around staff quarter	0.78	0.78	100%	0.78	-	-
17	Construction of 1 lac. liter underground water reservoir.	0.58	0.58	100%	0.58	-	-
18	Construction of steel structure elevated concrete reservoir	0.55	0.55	100%	0.55	-	-
19	Construction of type (VI) quarter	0.96	0.96	100%	0.96	-	-
<i>B: Completed Works and having Liabilities)</i>							
Sl. No	Sub - Head	Work Awarded Amount	Amount Already Released	Physical Progress	Value of work already	Work done Pending	Balance Amount Required

1	2	(in Cr)	4	5	Completed	Liability	i/c Liability
		3			6	7	8
20	Construction of Institute block	17.51	14.90	100%	17.51	2.61	2.61
21	Construction of Boys Hostel	11.52	11.40	100%	11.52	0.12	0.12
22	Construction of water Reservoir 90,000 liters (Surface Reservoir) (SH: Underground Reservoir 30000 liters 30 bedded security barrack)	0.31	0.10	100%	0.31	0.21	0.21
23	Construction of Internal Roads 72.50m long in front of quarters	0.08	0.07	100%	0.08	0.01	0.01
24	A. Construction of Bamboo Workshop	8.42	8.40	100%	8.42	0.02	0.02
25	Construction of Ring Road Phase - I 0 to 1341 NFGH	1.62	1.50	100%	1.62	0.12	0.12
26	Construction of 30 bedded Barrack type security personnel quarter. (Revised D.P.R. 1,79,56,496/- sanctioned for construction of kitchen etc.	1.80	1.31	100%	1.80	0.49	0.49
27	Construction of surface Water reservoir for quarter (Sh: Land development around reservoir and concreting)	0.16	0.10	100%	0.16	0.06	0.06
28	Construction of Compound fencing N.I.T. phase - V	0.91	0.50	100%	0.91	0.41	0.41
29	Land development for indoor stadium & new class room	3.44	3.27	100%	3.44	0.17	0.17
30	Construction of line drain phase - I	0.93	0.50	100%	0.93	0.43	0.43
31	Land development for construction of 3rd group of quarter 55 x 70m	0.74	0.20	100%	0.74	0.54	0.54
32	Construction of Academic Block Phase - II	23.25	6.20	100%	23.25	17.05	17.05
33	Construction of 1 lac liter reservoir	0.54	-	100%	0.54	0.54	0.54
34	Land development for rise up of 2nd Boys Hostel stadium, Classroom after October 2015 flood as approved by NIT, Manipur	1.62	-	100%	1.62	1.62	1.62
<i>C : Works not completed and having Liabilities)</i>							
35*	Construction of supervisor quarter 3nos.	1.53	0.54	75%	1.15	0.61	0.99
36*	Construction of indoor stadium (To be revised)	7.64	4.00	65%	4.97	0.97	3.64
37*	Construction of Boys no. 2	47.91	2.50	30%	14.37	11.87	45.41
Grand Total		164.55	90.10		122.95	37.85	74.45

* Note:

- 1) Item 35: Not recommended by Prof. Gandhi and ADG committee
- 2) Item 36: Recommended by Prof. Gandhi committee and ADG committee
- 3) Item 37: Recommended by ADG committee but not recommended by Prof. Gandhi committee
- 4) Liabilities based on physically completion: Rs. 37.85 Crore
- 5) Liabilities based on complete construction: Rs. 74.45 Crore (EEW Liab)

Status Statement & Physical Financial & Liability of NIT Manipur
C. Executed by Institute Engineering Cell (IEC)

Type of Building: Permanent/Semi Permanent

Sl. No.	Name of works	AA & ES value of works	Expenditure incurred	Balance fund	Physical status	Work done pending liability
<i>A: Completed Works and handed over (No Liabilities)</i>						
1	Erecting of 11.0 mtr steel tubular pole and providing 90 watt LED street light and other accessories in playground area in front of old substation and Control panel works.	0.46	0.46	-	100%	0.00
2	C/o additional workshop room for 200 T compressive testing machine	0.25	0.25	-	100%	0.00
3	C/o Generator Shed near Mechanical dept	0.28	0.28	-	100%	0.00
4	C/o Raised Foundation for Transformer at NITM Langol.	0.09	0.09	-	100%	0.00
5	C/o Cafeteria cum Canteen Langol	0.57	0.57	-	100%	0.00
6	C/o Temporary Mechanical Workshop in between academic blocks at NITM Langol Campus	0.40	0.40	-	100%	0.00
7	C/o Physics Laboratory at NITM Langol Campus	0.22	0.22	-	100%	0.00
8	Approach road to Workshop at NIT, Langol Imphal Manipur(Surface Course)	0.55	0.55	-	100%	0.00
9	C/o chemistry Laboratory.	0.22	0.22	-	100%	0.00
10	C/o Residential qtr for pump man.	0.19	0.19	-	100%	0.00
11	C/o Biogas Room at NITM	0.18	0.18	-	100%	0.00

<i>B: Completed Works and having Liabilities)</i>						
12	C/o Pile foundation works for OBC Boys Hostel	1.624	0.25	1.374	100%	1.374
13	C/o Pile foundation works for OBC Girls Hostel	1.624	0	1.624	100%	1.624
14	C/o ECE Lab + Solar Battery House	0.56	0.46	0.10	100%	0.10

<i>C : Works not completed and having Liabilities)</i>						
Sl. No.	Name of works	AA & ES value of works	Expenditure incurred	Balance fund	Physical status	Work done pending liability
15	C/o Cricket Ground	4.38	2.83	1.55	80%	1.24
16	Land Development for OBC Boys and Girls Hostel	1.29	0.42	0.87	80%	0.696
17	Raising earthen Embankment and GSB laying from 1st Boys mess to western exit gate towards CAU.	1.97	0.33	1.64	70%	1.148
18	Land Development Near OBC Girls Hostel	0.39	0	0.39	80%	0.312
	TOTAL	15.248	7.70	7.548		6.494

*Note:

- 1) Item No 12 and 13: Super structure cost of 2.7 Cr each ($2.7 \times 2 = \text{Rs } 5.4 \text{ Crore}$) is borne by Ministry of Social Justice GOI
- 2) Liabilities based on physically completion: Rs. 6.494 Crore
- 3) Liabilities based on complete construction: Rs. 7.548 Crore (IEC Liab)

D. PROPOSE NEW WORKS

As per the 19th BWC considering the recommendation of Prof. Gandhi committee report and ADG committee report

Sl. No	Name of works	Preliminary Estimation based on CPWD DSR 2018	Expenditure incurred	Balance fund required for completion	Name of Work agency	Physical status
1	C/o Road from NITM Western main Gate to Barrack surfaced with paver blocks. (500m length 15m road width)	3.17	-----	-----	-----	-----
2	C/o Road from eastern NITM main gate to T-III qtr via T-IV qtr surfaced with paver blocks. (700 m length and 15 m road width)	3.97	-----	-----	-----	-----
3	C/o Road from Western NITM main gate to BOYS Hostel 2 to OBC Boys Hostel (700 m length and 15 m road width)	3.97	-----	-----	-----	-----
4	C/o Road from Western NITM main gate 2 to OBC Boys Hostel (500 m length & 15 m road width)	3.17	-----	-----	-----	-----
5	Miscellaneous (100m)	0.56	-----	-----	-----	-----
TOTAL		14.87	New Project			

**ABSTRACT OF CONSTRUCTION COST OF EACH PROPOSED BUILDING WITH
BUILT UP AREA:**

BUILT-UP AREA			
S. No	Item	Built-up Area (sqm)	Estimated Cost (in crore)
1.	Administrative Complex	28548.26	250.98
2.	Department Complex		
3.	Lecture Hall Complex		
4.	Workshop	2829	8.41
5	Quarter for Teaching Staff	1794.30	14.07
6	Quarter for Non-Teaching Staff	2035.60	8.43
7	Hostel (Boys and Girls)	23365.50	139.62
8	Dining, Kitchen Block for Hostel		
9	Shopping Centre, Dispensary, Bank/indoor stadium	1932.90	7.64
10	Utility & Services areas		50.09
11	Site Development	97778	15.52
12	TOTAL (should be same as project cost of CPWD (300.09) + EEW (164.55) + IEC (15.248) + New project (14.87) = 494.76		494.76
13	Contingency @ 3% on Total Work [CPWD Liab(216.59) + EEW Liab (74.145) + IEC Liab (7.548) + New Project (14.87) =313.46]		9.40
14	Total including contingency		504.16
15	Service Tax /GST @ 12% of SI 14		60.50
16	Total extra [Contingency, (SI 13) + Service tax (SI-15)]		69.90
17	Total including Service Tax		564.66
GRAND TOTAL (amount in Crore)			564.66