



राष्ट्रीय प्रौद्योगिकी संस्थान, मणिपुर
NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR

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An Autonomous Institute under MHRD, Govt. of India.

Minutes of the 4th Building & Works Committee held on 4th February 2014

The 4th meeting of the Building & Works Committee of National Institute of Technology Manipur was held on 4th February, 2014 at 11 am in the NIT Manipur Conference Hall. Dr. S. Birendra Singh, Chairman of the Building & Works Committee, NIT Manipur presided over the meeting.

The following members were present:

- Dr. S. Birendra Singh : Ex-Officio Chairman
Director, NIT Manipur
- Mr. Arun Kumar, : Member
Nominee of IFD, MHRD, New Delhi
- Shri K.K Saxena : Member
Executuve Engineer, MPD, CPWD, Imphal
On behalf of Superintending Engineer, CPWD,
Shillong, Meghalaya
- R.K. Lalit Singh : Ex- Officio Member Secretary
Registrar, NIT Manipur

The following persons attended the meeting as invitees:

1. Mr. I. Lokendrajit Singh, S.E., Education Engineering Wing
2. Mr. Ch. Biren Singh, E.E. Education Engineering Wing

Mr. P.Vaiphei, Commissioner, Higher & Technical Education, Govt. of Manipur and Mr. T. Aton Singh, S.E., Electricity Department could not attend the meeting due to their prior engagements.

The Chairman welcomed all the members and then requested the Registrar to initiate the discussions on agenda items. The following agenda items were discussed and item-wise decisions are described below:

Item No. 4.1 Confirmation of the Minutes of the 3rd Building & Works Committee held on 24th July 2013

The Minutes of the 3rd Building & Works Committee held on 24th July 2013 at 11.00 am in NIT Manipur Conference Hall was circulated to the members on 7th August 2013. As no comment from any member has been received, the minutes have been confirmed.

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Item No. 4.2 Action taken on the decision of the Third meeting of the Building & Works Committee held on 24th July 2013 in the conference room of NIT Manipur

The actions taken on the resolutions of 3rd Meeting of the Building & Works Committee of National Institute of Technology Manipur held on 24th July 2013 have been noted in general with the observations noted on the following items:

Item No. 3.3: The Education Engineering Wing has assured that the Assam Type hostels and Classrooms will be handed over to the NIT Manipur by the end of April 2014.

Item No. 3.4: 3rd BOG has accorded sanction for construction of (804+372m = 1176 m) i.e 1176 m length boundary wall and nearly 80% of the assigned work is completed.

Item No. 3.5: Most of the approved works have been completed. The Construction of pedestrian path connecting SAT and NIT Manipur internal road has been dropped. The Committee felt that the above work is not required. The above completed works were carried out under the supervision of the Institute construction committee after the estimates were vetted by CPWD.

Item No. 3.6: The chairman apprised the committee that the approval of the drawings for the construction of Multipurpose building and hostels taken up by the CPWD have been accorded. Construction of approach road to the multipurpose building has started.

Item No. 3.7: The chairman informed the committee that the tender document is prepared and will be sent for vetting to CPWD before publication.

Item No. 3.8: The committee recommended that Construction of staff quarter will be taken up after finalization of Master Plan.

Item No. 3.9: Plantation of saplings is going on along the periphery of the Boundary wall.

Item No. 3.10: A dedicated transformer of 100KVA capacity is already installed with an estimated cost of Rs. 49.28 lakhs.. The committee recommended for installing dedicated transformer of 250 KVA capacity and a D.G Set of 250 KVA for backup.

Item No. 3.11: Water supply and treatment plant will be taken up after the finalization of Master Plan.

Item No. 3.12: The solar power Plant has not been taken up and it will be taken up after the completion of the first phase construction.

Item No. 4.3 Latest position of unspent balance and progress on the ongoing projects

The committee was apprised that the status of unspent balance (Plan) of the Institute is Rs. 3123.74 lakhs as on 1.02.2014. The grant for 3rd quarter was received recently and most of the unspent balance will be spent by the end of Feb. 2014.

Item No. 4.4 To review the progress of construction of Assam type hostels and classrooms in the permanent campus

The chairman apprised the committee that the hostel portion is likely to be completed and will be inaugurated by mid of Feb. 2014.

Item No. 4.5 To review the progress of construction of Boundary wall at NIT Manipur Permanent site and approval for construction of boundary wall of the unfenced portion of the permanent campus

The committee is apprised that 80% of the 1176 m long brick compound boundary wall adjacent to private property is completed. The total length of the unwalled portion of the campus is 3149 m. The committee recommended for the construction of brick wall fencing of the remaining portion in phase wise manner subject to availability of the resources. The committee recommended for administrative approval for 1068 m long brick wall fencing as a second phase construction of boundary wall. The estimated cost is Rs. 3,78,43,950.00 @ Rs. 35,434.41 per metre as per the design, specifications and estimates earlier vetted by the CPWD.

Item No. 4.6 Administrative approval of renovation, maintenance, repairing and other allied works to be /already undertaken by the NIT Manipur at Temporary campus

The proposed works will be carried out in the temporary Polytechnic campus to meet the emergent need of the Institute. These facilities may be used by Polytechnic later and it will be a good gesture from NIT Manipur towards state Government for their generous help extended during the initial stage. The state govt. has reportedly spent Rs. 40.00 crores on construction of facilities at Takyel for exclusive use by NIT till shifting to permanent campus.

The committee recommended the proposal for creation of urgent facilities in the present temporary campus with an estimated cost of Rs.1,17,46,056/- as furnished below.

List of proposed works:

Sl. No.	Name of the work	Amount (Rs.)
1.	Construction of Septic tank for Guest House at Takyelpat, Imphal, Manipur	86,134.00
2.	Renovation of Guest House, NIT Temporary campus	10,63,337.00

3.	Land Development for Guest House at NIT Manipur Temporary Campus, Takyelpat	1,10,268.00
4.	Construction of Physics Lab at Polytechnic campus	3,82,022.00
5.	Construction of Chowkidar Quarter (Behind Director's Qtr.)	4,59,264.00
6.	Construction of Steel Gate with CGI fencing at NIT Temporary campus (Behind Director's Qtr)	2,13,074.00
7.	Construction of cement concrete pavement (Southern side of Boys hostel) at Polytechnic campus	2,24,397.00
8.	Construction of Brick Masonry Drain , behind Director's Qtr.	8,71,777.00
9.	Construction of steel gate with CGI fencing, southern side of BH	1,35,898.00
10.	Construction/extension of canteen, NIT Temporary campus	5,52,328.00
11.	Construction of Water tank of 30KL capacity at NIT Temporary Campus	18,92,938.00
12.	Construction of Laboratory block at NIT Temporary Campus	24,99,078.00
13.	Construction of Generator Shed I Building at NIT Temporary Campus	3,79,444.00
14.	Construction of Generator Shed II Building at NIT Temporary Campus	3,82,387.00
15.	Construction of laboratories urgently required for EEE Lab	24,93,380.00
	Total	1,17,46,056.00

This is required to accommodate the new batch of students, laboratories infrastructure, security of the students and for smooth running of the academic activities. These works may be carried out under the supervision of the Institute Construction Committee after the estimates are vetted by CPWD.

Item No. 4.7 To review the status of the construction of Multipurpose Building and hostels taken up by CPWD

NIT Manipur has accorded its approval to the revised drawing of both the Boys hostel and Multipurpose building including Auditorium. The committee was apprised that Rs. 24.50 crores had been deposited to CPWD. CPWD had submitted an expenditure statement amounting Rs.56,85,262.00 (Annexure 4.5). in Sub-Soil investigation and Earth work for approach road.

CPWD had apprised the committee that based on the latest soil report by the senior Geologist and Professor, IIT Madras, CPWD had redesigned the structure of the foundation and submitted a revised estimate of Rs. 98,06,75,900 for Boys Hostel and Rs. 216,68,70,500.00 (Annexure 4.6). On being justified by the CPWD representative, the committee approved and recommended the revised estimate for production before the finance committee and BOG.

Representatives of CPWD assured that tentative dates of completion of the Boys hostel and Multipurpose building will be December 2015 and March 2016.




Item No. 4.8 Status of Master Plan for NIT Manipur permanent campus

The chairman apprised the committee that the tender document has been prepared and will be sent to CPWD for vetting before publication. The tender has been delayed due to non-finalization of soil test and foundation design by CPWD. The same has been submitted by CPWD on 3rd February 2014 and it will be incorporated in the NIT for Master plan design so that a realistic Master plan and building plan would be submitted by the bidders.

Item No. 4.9 Administrative approval for Electrification and LAN cabling work and commissioning of 30 KVAGenerator for HP- NIT Manipur Centre for Excellence

The Committee was apprised that the 3rd Finance Committee and the 3rd BOG had accorded the approval for setting up of "Centre of Excellence" in NIT Manipur temporary campus by Hewlett Packard. Impression Pvt. Ltd., an electrical consultant in consultation with the HP officials was entrusted for the preparation of tender documents and thereby tender was called for the said work with an estimated cost of Rs.24,02,609.00. Raj Construction & Supply Co. was the lowest bidder and the work was awarded to the said firm. The committee recommended the ex-post facto approval for the above work.

Item No. 4.10 Administrative approval for construction of supervisor quarter, security barrack, internal road and land development work at permanent campus

The committee recommended the proposal for the following infrastructural development at permanent campus for an estimated cost of Rs. 2,53,15,000 and the same may be awarded to EEW as depository work. The proposed construction will be as per the design, specifications and estimates prepared by EEW and vetted by CPWD.

List of proposed works are shown below:

Sl. No.	Name of the work	Quantity	Rate	Total
1.	Construction of Supervisor Quarter	2	Rs. 48,91,600.00	Rs. 97,83,200.00
2.	Construction of Barrack Quarter	2	Rs.49,42,700.00	Rs. 98,85,400.00
3.	Land Development	1	Rs.48,28,700.00	Rs.48,28,700.00
4.	Construction of Internal Roads 72.50 m	1	Rs. 8,17,700.00	Rs. 8,17,700.00
Total				Rs. 2,53,15,000.00

Item No. 4.11 Administrative approval for infrastructure development work at permanent campus

The Director apprised the committee that NIT Manipur plans to start shifting to the permanent campus from May 2014 in a phase wise manner. During rainy season, a major portion of the

allotted land is inaccessible so a periphery road is required from security point of view. In addition various infrastructures are also required to be constructed as given below to make the campus functional by May 2014. After thorough discussion, the Committee recommended the proposed works which can be taken up by a Central Govt. Agency or a State Govt. Agency.

The proposed works are given below:

Sl. No.	Name of the Work
1.	Construction of the Periphery road
2.	Construction of an additional workshop shed for Bamboo Technology Centre
3.	Construction of the Culverts at the entrance roads to the permanent campus
4.	Construction of substation house and 250 KVA power plant and distribution network including yard lighting at the permanent campus
5.	Construction of convenient shops, multipurpose shed for housing various utility services like bank, post office, canteen etc at the permanent campus
6.	Construction of Substation House and 250KVA Generator

Item No. 4.12 Administrative approval for erection of electrical poles and lighting along the periphery of the permanent campus

The committee recommended that erection of electrical poles should be confined to the areas where the construction is going on under CPWD and EEW, the committee recommended that additional temporary lighting may be arranged to make the permanent campus fully secured.

Item No. 4.13 Administrative approval for purchase of furniture for NIT Manipur

Considering the increased intake with the addition of two new streams of Engineering from 2013, additional furniture is required especially for the new boys' hostel at permanent campus. The requirement is given below:

Sl. No.	Particulars	Quantity
1.	Table	150
2.	Chair	150
3.	Steel Bed	150
4.	Steel Almirah	150

The committee discussed the above requirement thoroughly and recommended that good quality items should be procured by floating limited tender/as per GFR at the earliest for the necessity of the students.




Item No. 4.14 Approval of an additional work agency for expediting construction work at permanent campus

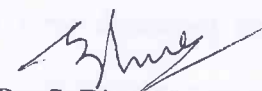
The committee was apprised that Manipur Development Society (MDS), Govt. of Manipur who was the executing agency for the 1st hostel constructed for NIT Manipur in the temporary campus had approached the Institute to allow them to work as executing agency in the permanent campus. Since CPWD and Education Engineering Wing (EEW), Govt. of Manipur are fully occupied with the ongoing project, it is felt that another agency may also be engaged for expediting the construction work. The committee considering the slow pace of CPWD and EEW's work recommended for engagement of MDS for construction work at permanent campus in addition to the agencies already in place.

Item No. 4.15 Any other item with the permission of the Chair

1. By 2020, NIT Manipur is going to house around 2000 students in its permanent campus. Water scarcity may be a problem. NIT Manipur campus being in the low lying area surrounded by hills, it may be nurtured as a source of rain water harvesting so NIT Manipur proposes for a water body to serve as a reservoir. The committee appreciated the initiative and recommended the proposal.
2. Water treatment plant was proposed for treating the raw water from the water body. BWC recommended in principle. CPWD was entrusted to submit a detail plan with estimates for the water body and water treatment plants.
3. The NIT Manipur permanent campus is a low lying, water logged area and there is frequent flooding during the rainy season. NIT Manipur proposes a very good drainage system for its hostels.
4. Reconstitution of BWC members:- It was recommended to reconstitute the BWC in view of some members not attending meeting and for inclusion of some more key members.

The meeting ended with vote of thanks to the Chair.


(R.K. Lalit Singh)
Registrar, NIT Manipur
&
Ex-Officio, Member Secretary
Building & Works Committee
National Institute of Technology Manipur
Registrar
NIT Manipur


(Dr. S. Birendra Singh)
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