

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

**THE 13TH MEETING OF THE
BUILDING & WORKS COMMITTEE (BWC)**



DAY : Wednesday
DATE : 4th December, 2019
TIME : 2:00 PM

VENUE
Conference Hall, Admn Block
NIT Manipur, Langol Campus

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

MINUTES OF THE 13TH BUILDING & WORKS COMMITTEE (BWC)
HELD ON 4TH DECEMBER, 2019

The 13th Meeting of the Building & Works Committee (BWC) of the National Institute of Technology Manipur was held on 4th December, 2019 at 2.00 pm in the Conference Hall, Administrative Block, NIT Manipur, Langol Campus. Prof (Dr) Goutam Sutradhar, Chairman of the BWC, NIT Manipur, presided over the meeting and the proceedings.

The following members and invitees were present:

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| 1. Prof. (Dr) Goutam Sutradhar Director, NIT Manipur | : Chairman |
| 2. Prof. (Dr) Kh. Manglem Singh Registrar (i/c), NIT Manipur | : Member Secretary |
| 3. Dr. Bakimchandra Oinam Dean (Planning & Development), NIT Manipur | : Member |
| 4. Dr. Mayengbam Sunil Singh Associate Dean (P&D)-I (Civil), NIT Manipur | : Member |
| 5. Dr. Ngangbam Romeji Singh Associate Dean (P&D)-II (Civil), NIT Manipur | : Member |
| 6. Dr. Benjamin Shimray Associate Dean (P&D)-II I (Electrical), NIT Manipur | : Member |
| 7. Dr. Sujit Kumar Pal Associate Professor, formerly Dean (P & D) NIT Agartala | : Special Invitee |
| 8. Mr. Samarjit Singh Estate Officer, EE, NIT Manipur | : Invitee |
| 9. Ch. Biren Singh, Consultant, EEW | : Invitee |
| 10. Ranbir Yumnam, Section Officer, EEW | : Invitee |
| 11. Ankur Lohan, Executive Engineer, CPWD | : Member |
| 12. Yumnam Premkumar Singh, Asst. Engineer (C), CPWD | : Member/Invitee |
| 13. Md. Yunush Ali EE, MOBES | : Invitee |

Prof (Dr) Goutam Sutradhar, Chairman of the 13th BWC, NIT Manipur, welcomed all the members and invitees, and then requested the Dean (Planning & Development), Dr. Bakimchandra Oinam, to initiate the proceedings and discussions on the Agenda Items. The item-wise decisions and resolutions are listed are hereby listed below:

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| Item No. 13.1 | <p>Confirmation of the Minutes of the 12th Building & Works Committee held on 14th May, 2019.</p> <p>Minutes of the 12th BWC confirmed and noted. The members and invitees unanimously passed the same. Some points carried forward as agenda items for further discussion in the 13th BWC meeting.</p> | | | | |
| Item No. 13.2 | <p>Action taken on the decision of the 12th Meeting of the Building & Works Committee held on 14th May, 2019., in the Conference Hall, Administrative Block, NIT Manipur, Langol Campus.</p> <p>The action taken and respective notes/comments on the various agenda items in reference to action taken under the 17th FC and 17th BoG for each sub-item were discussed as follows:</p> <table border="1" data-bbox="335 1008 1484 2083"> <tr> <td data-bbox="335 1008 526 1635">Item No. 12.4</td><td data-bbox="526 1008 1484 1635"> <p>To review the progress of Construction Works by Education Engineering Wing (EEW) at NIT Manipur, Langol Campus (referred to as permanent site).</p> <p>Status of Works undertaken by EEW was furnished under "prioritised work" category with approximate liability of Rs 40 crores as on 14/05/2019. Site Inspection towards physical verification of works and Discussion Meeting on the Defects observed on some of the Construction Works (under current Liabilities) undertaken by Education Engineering Wing (EEW), Dept of Education (S), Govt of Manipur, at NIT Manipur, Langol Campus, was conducted on 22nd and 23rd May, 2019. A verification report in the form of Minutes was prepared and may be noted. Based on the observations, repairing works have been taken up and completed by EEW. It is highlighted during the meeting that there was repeated demand from the students for repairing the wall and floor of the existing hostel.</p> </td></tr> <tr> <td data-bbox="335 1635 526 2083">Item No. 12.5</td><td data-bbox="526 1635 1484 2083"> <p>Recommendation for Expenditure Sanction for Urgent Construction Works undertaken by different Work Agencies/Cell at NIT Manipur</p> <p>17th BoG approved the 17th FC recommendation to pay Rs 3.99 crores meant for the 'Construction of the Transportation Lab' and 'C/O of Indoor Stadium cum Auditorium' from IRG fund of the institute as per availability to complete the works in congruence with the recommendations of the 13th FC and 13th BoG. Director, NIT informed that no fund was obtained from MHRD, the same has been met from IRG fund as per the instruction of BOG. It is also informed that there is a continuous pressure from Manipur Technical University (MTU) to vacate the</p> </td></tr> </table> | Item No. 12.4 | <p>To review the progress of Construction Works by Education Engineering Wing (EEW) at NIT Manipur, Langol Campus (referred to as permanent site).</p> <p>Status of Works undertaken by EEW was furnished under "prioritised work" category with approximate liability of Rs 40 crores as on 14/05/2019. Site Inspection towards physical verification of works and Discussion Meeting on the Defects observed on some of the Construction Works (under current Liabilities) undertaken by Education Engineering Wing (EEW), Dept of Education (S), Govt of Manipur, at NIT Manipur, Langol Campus, was conducted on 22nd and 23rd May, 2019. A verification report in the form of Minutes was prepared and may be noted. Based on the observations, repairing works have been taken up and completed by EEW. It is highlighted during the meeting that there was repeated demand from the students for repairing the wall and floor of the existing hostel.</p> | Item No. 12.5 | <p>Recommendation for Expenditure Sanction for Urgent Construction Works undertaken by different Work Agencies/Cell at NIT Manipur</p> <p>17th BoG approved the 17th FC recommendation to pay Rs 3.99 crores meant for the 'Construction of the Transportation Lab' and 'C/O of Indoor Stadium cum Auditorium' from IRG fund of the institute as per availability to complete the works in congruence with the recommendations of the 13th FC and 13th BoG. Director, NIT informed that no fund was obtained from MHRD, the same has been met from IRG fund as per the instruction of BOG. It is also informed that there is a continuous pressure from Manipur Technical University (MTU) to vacate the</p> |
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| | <p>state government building where NIT Manipur is still occupying about 30-40% space in Takyel campus.</p> <p>EEW has so far not provided a clear explanation of the disparity in the physical progress of the work: "Construction of Indoor Stadium (cum Auditorium)" that has been reflected in the 'Status of Works' provided. During the meeting, the EEW Representatives replied that the liabilities of their contractors are not paid by the institute till date. Discussion on the ground settlement, difficulties in foundation and proper floor design aspects of the C/O indoor stadium was discussed and Dr.S.K.Pal, Special invitee, Former Dean (P&D), NIT Agartala have suggested to go for detailed soil investigation and proper design based on the investigation report before taking up the flooring work.</p> |
| Item No. 12.6 | <p>To review the Status of the Construction works implemented by CPWD.</p> <p>Status of Works undertaken by CPWD was furnished on 13/05/2019. With regards to disparity in the physical progress of the work undertaken by CPWD, the Executive Engineer, CPWD replied that due to change in building plan and design i.e. "physical progress does not match the financial progress because of change of scope of the building after the start of the work i.e. G+1 to G+2 as requested by the former Director, NIT Manipur, Imphal". (TYPE - II QUATERS)</p> |
| Item No. 12.7 | <p>Administrative approval for MoU with Water Resources Department (WRD), Government of Manipur.</p> <p>The same is put up for confirmation for collaboration in flood mitigation, water management & planning, preparation of master plan for Lamphelpat, etc between NIT Manipur and Water Resources Department, Govt of Manipur. In line with the minutes of the meeting held on 15th March, 2019, presided by Secy. (WR), Govt of Manipur and Director, NIT Manipur, confirmation of the same is to be placed to 18th BOG for administrative approval.</p> |
| Item No. 12.8 | <p>Administrative approval for Construction of Water Supply scheme of capacity 0.50 MLD.</p> <p>The matter was placed in the 17th BOG (item no. 17.9) and was deferred to be up for confirmation in the next BWC i.e. 13th. The same agenda is placed in 13th BWC (item no.13.7) with Detailed Design: Drawings, Cost Estimates, etc) for approval. However, the BWC members suggested carrying out a detailed ground water potential assessment in the NIT campus before taking up the construction of water supply scheme inside the campus</p> |

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| | Item No. 12.9 | Empanelment of Contractors Draft documents towards Empanelment of Contractors has been prepared, and submitted for "vet" to the Institute's Legal Advisor for further process. The same will be finalized and put for advertisement for due process. However, during the meeting, it is unanimously decided to keep abeyance for time being as no specific work except maintenance and some petty works is there, therefore to continue with the existing empanelled contractors of the institute with updating procedures as vetted by the legal advisor. |
| | Item No. 12.10 | Power Cabling and External Electrification Works. The matter was placed as item no. 17.11 in the 17th BOG and was deferred. The same item is discussed in details under miscellaneous items in the 13th BWC meeting. |
| | Item No.12.11 | Any other item with permission of the Chair For "C/O Extension of 4 nos Classrooms", as per recommendations of the 17 th BoG, payment was to be made on instalment basis from the Institute's IRG fund as per availability. Full amount has been cleared from IRG. |
| Item No. 13.3 | Latest position of unspent balance and progress on the ongoing projects as on 31st October, 2019. The matter was discussed and <u>confirmed</u> as recommended under OH -35 (Creation of Fixed Assets) is Nil. | |
| Item No. 13.4 | To review the project status for ongoing or incomplete construction works undertaken by CPWD, EEW, MOBES, Institute Engineering Wing (earlier IEC); and recommendations for expenditure sanction for completion of the infrastructure works at the earliest, along with updation on the financial and physical status for the construction of Transportation lab and ECE Lab buildings. To review/discuss on the latest status of the letter sent to CPWD on foreclosure of the Agreement regarding C/O 300 capacity Boys Hostel and MP Building on 04/11/2019. <ul style="list-style-type: none"> ▪ Dean (P&D) suggested that the updated status of construction works and regular monthly progress of work projects needs to be updated in the centralised Project Fund Monitoring System (PFMS). All work agencies i.e. CPWD, EEW, MOBES and IEW was requested to furnish relevant documents in support of the physical and financial progress and status of the works at regularly, even though, all the construction activities/works are standstill. ▪ Institute Engineering Cell (now, IEW) provided the final status of the work "C/O Transportation Lab" and the final bill payment of Rs 10,87,939/- was confirmed and noted. For the construction of ECE Lab, the chairman, BWC strongly remarked that this lab is urgently required by the students and it need to be completed at the earliest from IRG fund as continuous demand from MTU is there to vacate the occupied premises at Takyel campus. The same is to be put | |

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| | <p>forwarded to the FC and BOG for their approval. ✓</p> <ul style="list-style-type: none"> Discussion was made regarding the foreclosure of the Agreement regarding C/O 300 Capacity Boys Hostel and Multi-Purpose (MP) Building by CPWD based on the letter received by NIT from CPWD on 26/11/2019. The Chairman, BWC have requested the Executive Engineer, CPWD (Manipur Central Division-1) to hold the foreclosure agreement as it is proposed to put up in the 18th BOG as one of the prioritized agenda so as to get directions from MHRD in this regards. |
| Item No. 13.5 | <p>Status of the Revised DPR to be submitted to MHRD (as per the latest status DPR to be submitted by Work Agencies i.e. EEW, CPWD, MOBES, etc for completion of top priority civil works) as per SFC proposal with reference to MHRD correspondence dated 1st August 2019 and 24th September, 2019 (reminder).</p> <ul style="list-style-type: none"> EE, NIT Manipur, have initiated the Preparation of the revised DPR for 1000 students as per MHRD directions. The DPR includes all such work as directed by the MHRD. The Revised DPR cost is Rs 134.28 Cr (including recurring expenditure). ✓ The prepared revised DPR was sent to MHRD and it is proposed to be put up in the 18th BOG for necessary information and any comments. |
| Item No. 13.6 | <p>Flood related challenges and Land issues being faced at NIT Manipur with potential mitigation and management measures, with administrative approval for Urgent/Emergent works under flood mitigation measures.</p> <ul style="list-style-type: none"> To mitigate flooding and water logging, an RCC Culvert of 15 feet span was constructed on exigency at an estimated cost of Rs 17.00 lakhs at the 1st gate of the western campus. The same is placed for ratification of administrative approval by the BOG. Approval of BOG is also sought to prepare a detail estimates in respect of land development and water logging issues to seek such fund from the ministry under the special package of land and water issues of the campus. |
| Item No. 13.7 | <p>Approval for the Construction of (C/O) Water Supply scheme of capacity 0.50 MLD along with Detailed Design: Drawings & Estimates (for A/A and E/S).</p> <ul style="list-style-type: none"> The 13th BWC meeting have strongly suggested to carry out a detailed ground water potential assessment at identified locations preferably near the existing surface water reservoir inside the campus. As the groundwater assessment may cost approximately Rs 5.00 lakhs, therefore it is submitted to seek an advice from the BOG that such amount can be booked from IRG. ✓ |
| Item No. 13.8 | <p>Status on the Empanelment of Contractors for Civil/Mechanical/ Electrical Works at NIT Manipur campus.</p> <ul style="list-style-type: none"> The 13th BWC meeting have unanimously decided to put on hold the new empanelment of contractor's advertisement as no specific work except |

maintenance and some petty works is there, therefore to continue with the existing empanelled contractors of the institute with updating procedures as vetted by the legal advisor.

Item No. 13.9

Proposal for fine resolution ground Topographic survey of NIT Manipur Campus (both Eastern and western campus) at Langol in line with the visit and suggestions of Dr. Madhumita Roy, Professor, Dept of Architecture, Jadavpur University, Kolkatta, W.B., towards Development of Green NIT Manipur campus.

- Dr.S.K.Pal, Special invitee, Former Dean (P&D), NIT Agartala have suggested to contact the Earth Science Department, Manipur University for their expertise and UAV instrument for fine resolution topographic survey of whole NIT Manipur campus for any future developmental and infrastructural projects of the institute.
- Dr. Romeji, in-charge, IEW, have highlighted to contact the Manipur Remote Sensing Applications Centre (MARSAC) for utilization of their UAV-based ground topographical mapping for the inaccessible (waterlogged/swamp) zones. The ground survey may also be aided by Students from the Civil Engineering Department.
- Chairman, BWC have highlighted the need of using locally available building materials like Bamboo for development of Green campus and to avert the flooding problems in low lying areas during the monsoon season by constructing a bamboo passages/bridges along the roads network inside the campus.

Item No. 13.10

Other items with permission of the Chair.

13.10.1 Proposal and Administrative Approval to undertake **Jal Shakti Abhiyaan (JSA)** related work activities in NIT Manipur, Langol Campus. This is in adherence to the directions from the Ministry of Jal Shakti and MHRD. Parallel directions as **Swachta Pakhwada** campaign, etc is also to be considered as progress report has to be submitted to the Ministry by the latest possible.

- Director, NIT Manipur, have enquired the faculty incharge of Jal Shakti Abhiyaan and incharge, IEW regarding the source of funding to initiate such activities/campaign.
- The 13th BWC proposed to put up this matter to the BOG for further clarification on the source of funding to initiate such activities.

13.10.2 A proposal by Manipur Tribal Development Corporation Limited (MTDC), A Govt of Manipur Undertaking, Lamphelpat, Imphal – 795 004, has submitted a proposal showing interest in taking up Sports, Recreational and Eco-Environmental infrastructure developmental activities for NIT Manipur. A file has been put up in this respect, and thereby put up for discussion and consideration.

- The 13th BWC meeting had taken a decision that any deposit work norm is to follow the procedure laid down in the Master Circular for

infrastructure projects in centrally funded institutions (Office Memorandum from MHRD, Government of India dated 3rd June 2019) and Mode of execution of EPC Contracts issued by Authority of Director General, CPWD, dated 24.05.2019. Hence, the institute will not entertain any request from any agency which violates the guidelines of the Master Circular. ✓

13.10.3 To review and discuss on the anomaly/justification sought from EEW regarding the submission of unsigned/un-endorsed Estimates (Abstract of Cost), Bill Statements, etc regarding part/independent payment towards Construction of Indoor Stadium cum Auditorium at NIT Manipur, Langol campus. A letter was sent to the Chief Engineer, EEW, on 23/09/2019 on this respect for which no reply/intimation/clarification has been received till date.

- During the 13th BWC meeting, the representatives of EEW replied that the liabilities of their contractors for all the completed and incomplete works are not paid by the institute till date. They have requested and pressurize the competent authority of NIT Manipur to clear their liabilities at the earliest so as to prevent any legal issues that may arise out of non-payment of liabilities for the last 3.5 years. With regards to Indoor Stadium cum Auditorium, discussion on the ground settlement, difficulties in foundation and proper flooring design aspects was discussed in length and Dr.S.K.Pal, Special invitee, Former Dean (P&D), NIT Agartala have suggested to go for detailed soil investigation and proper design based on the investigation report before taking up the flooring work.
- Representatives of EEW was also asked for submitting supplementary estimates so as to obtain a prior approval for the deviation (if any) for the works related to indoor stadium especially the Foundation and Flooring from the FC and BOG of NIT Manipur.

13.10.4 To consider the proposal submitted by Bank of Baroda, NIT Manipur branch, for allotment/arrangement of bank premises inside NIT Manipur, Langol campus, for providing better banking services to the institute. Letter/Application addressed by the Sr. Branch Manager, BoB, NIT Manipur branch.

- The 13th BWC meeting have noted this agenda item. Dr. S.K.Pal, Special invitee, NIT Agartala, have suggested the Chairman, Director, NIT Manipur to initiate the proposal after considering the type of existing column and thickness of the roof slab of the proposed existing building which will be utilize as the Bank of Baroda inside the campus. This exercise is to be taken up by the member of IEW, NIT Manipur at the earliest and a report has to be submitted to the Director, NIT Manipur through Dean (P&D).

13.10.5 Status update on the approval sought from BoG by circulation regarding **TEQIP-III Minor Civil Works** including modification(s) in line with the recommendations of 17th BoG listed in item 17.25.10 (i) Construction of Mechanical Workshop at NIT Manipur, Langol (to be read as Maintenance of existing Mechanical Engg Workshop, NIT Manipur, Langol campus), and (ii) Construction/Renovation of Partition Wall for UTM Lab, Civil Engg. Dept. NIT Manipur, Langol (to be read as Maintenance of existing UTM Lab, Civil Engg. Dept.) Under TEQIP-III Minor Civil Works.

- The agenda item is noted. However, Executive Engineer, NIT Manipur have strongly suggested to comply with the word "**Refurbishment**" as per TEQIP-III norms instead of "Construction or Renovation", so as to avoid any problems in the processing of the file under TEQIP-III Minor Civil works.

13.10.6 Proposal for creation/setting up of an Emergency /Quick Response Sub-head with minimal funds, to meet urgent work requirements in the NIT Manipur Campus during natural disasters (earthquakes, floods, storm, disease outbreak, etc) or so.

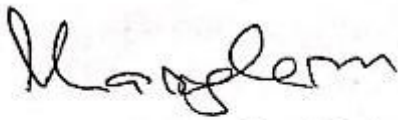
- The 13th BWC meeting have proposed to put up a request to the BOG for giving some financial power to Dean (P&D) to meet-urgent work requirements and maintenance inside the campus. However, after discussion, it is felt that the limit of the financial delegation power of the Registrar, NIT Manipur may be enhanced to meet urgent work requirement instead of providing a separate financial power to Dean (P&D).

13.10.7 Other Miscellaneous items which was not considered or put forth as Agenda Items.

- The 13th BWC meeting have proposed and informed the work agency to use the Form 20 CPWD for reporting of physical progress of any ongoing infrastructural projects. EE, NIT Manipur have asked the work agencies for timely submission of work progress. Even if all the work are standstill, the work agencies are asked to submit the progress by putting NIL (if deemed necessary).
- Quality Assurance Committee of the institute should be formed as per advised from the special invitee, Dr. SK Pal, Former Dean (P&D), NIT Agartala. Committee should comprise members from Civil, Electrical and Mechancial Engineering Department of the institute.

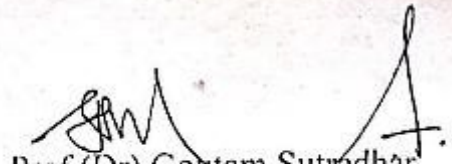
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| | <ul style="list-style-type: none">▪ The matter related to the Power Cabling and External Electrification Works of NIT Manipur campus was discussed and it was deferred. It is proposed to be put up in the future BOG along with all the feasibility aspects- detailed plans and estimates. |
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The Meeting ended with a vote of thanks by the Chairman, Member Secretary and Dean (P&D) of the 13th Building & Works Committee.



Prof (Dr) Kh. Manglem Singh
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