

NATIONAL INSTITUTE OF TECHNOLOGY SIKKIM
(An Institute of National Importance, Ministry of Education, Govt. of India)

Minutes of the 14th Meeting of the Building and Works Committee

The 14th Meeting of Building and Works Committee of the Institute was held on 12th February 2021 at 05:00 PM under the Chairmanship of **Prof. Mahesh Chandra Govil**, Director, NIT Sikkim through video conference. The following members were present in the meeting:

Dr. Manish Kumar Jindal Chief Executive Officer (CEO), Quality Council of India	Member
Shri Raj Kamal Mittal Director (Trg. & Co-ord), College of Military Engineering, Pune	Member
Dr. Aurobinda Panda Dean Planning and Development, NIT Sikkim	Member
Dr. Achintesh Narayan Biswas Registrar I/C, NIT Sikkim	Member Secretary
Dr. Pradeep Kumar FIC, Electrical Works	Invitee Member
Shri Rewa Nath Sharma, Junior Engineer (Civil), NIT Sikkim	Invitee Member
Mrs. Saheli Saha, Junior Engineer (Civil), NIT Sikkim	Invitee Member
Shri Bhaskar Bhattarai, Junior Engineer (Civil), NIT Sikkim	Invitee Member

The following members were granted leave of absence due to their preoccupation:

1. Representative(s) of the Ministry of Education, Government of India.
2. Shri Roden Thapa, Chief Engineer, Energy & Power Department, Govt. of Sikkim.

At the outset, the Chairperson extended heartiest welcome to the members present in the 14th Meeting of the Building and Works Committee for sparing their valuable time and contributions made towards the development of NIT Sikkim. The Chairperson also appraised the Building and Works Committee with the progress and issues of the Institute. It was informed to the members that due prolonged rainy season, heavy rains, old building structures, etc., the repair and maintenance work is regularly required. This is also required, because the campus has huge retaining walls and they also get damaged due to heavy rains and may need huge expenditure as happened in recent past if not timely repaired. Therefore, regular maintenance works is carried out by the Estate Section of the Institute. The members were also apprised with the scarcity of the available classrooms as well as laboratories to fulfil the requirement of curricula and need of immediate measures. The members appreciated the sincere efforts made by the Director towards the progress of the Institute. Thereafter, with the permission of the Chair, the agenda items were presented and the following decisions were taken after due deliberations:

Item No.14.01: To confirm the Minutes of the 13th Meeting of the Building and Works Committee held on 28th November 2020.

The minutes were confirmed.

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Item No.14.02: To report the actions taken on the agenda items/decisions taken in the 13th Meeting of the Building and Works Committee.

The actions taken are noted by the members and the report is given below:

Item No.	Decision	Action
13.03	To consider and approve the work "Repair and maintenance at various places of the campus by Laying Paver block and tiles".	BWC noted that the work is in progress
13.04	To consider and approve the work "Repair and maintenance of drains and plinth protection of various buildings"	BWC noted that the work is in progress
13.05	To consider and approve the works (a) Repair and maintenance of false ceiling at hostels/classrooms/laboratories (b) fixing of false ceiling at the newly constructed sheds	BWC noted and expressed the need of early completion
13.06	To consider and approve the work "Electrical Wiring and Fittings at various newly fabricated laboratory sheds"	BWC noted that the work is in progress
13.07	To deliberate on the Infrastructural requirement, plan of the permanent campus	BWC noted that the work is in process
13.08	To ratify the work "Fabrication of Shed for Kitchen, Dining and Girls' Gym".	Completed
13.09	To ratify the work "Fabrication of Shed for Security Guard Posts".	Completed
13.10	To report on the progress of the works of Prefabricated Shed-II and Shed-III.	BWC raised its serious concern regarding the progress of the work Shed-II by CPWD.
13.11	Brief report on in-house repair, maintenance and electrical works at NIT Sikkim.	BWC noted

Item No.14.03: To consider and approve the work "Fabrication of cabins using Aluminum Glass partition for Faculty/staff"

NIT Sikkim is functioning from a temporary campus at Ravangla, South Sikkim. To provide better academic facilities to the students' many class rooms/laboratories space have already been created and the construction work of some more are in the final stage of completion. The necessity of proper seating space for faculty/staff has been felt immensely by all offices and Departments of the Institute. Therefore, it is required to fabricate cabins at different blocks/sheds using aluminium glass partitioning for the smooth functioning of academic and administrative activities. The preliminary

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estimated cost of the works is ₹14.20 Lakhs as prepared by the Estate Department. The PE was approved as proposed. However, Shri R. K Mittal, member of BWC advised to use PVC sections instead of aluminum for better acoustic and thermal insulation and other agreed to explore the same. The chairman of the BWC was authorized to take final decision.

Item No.14.04: To consider and approve the construction work of staircase/ramp/toilet block, site development and other miscellaneous work at Shed-II”.

The construction work of Prefabricated Shed-II is in progress from 2015-2016 and has not completed by CPWD till date in spite of several requests and constant persuasion. The progress of the work has been reviewed by the estate section and discussed with CPWD. The CPWD has agreed to provide the panels and construct drain, however, that is also not completed till date. Based on the response and the urgent requirement to make the shed-II usable, the staircase is need to be constructed to access to the shed from the approach road. Also, in order to make the shed accessible for PwDs, it is required to construct a ramp at the entrance of Shed-II. There is also a need to construct separate washrooms for boys and girls. Other miscellaneous works are also required to protect the prefab structure and make the Shed accessible to students. The preliminary estimate to carry out the above-mentioned works at Shed-II is approx. ₹8.0 Lakhs.

The agenda was approved as proposed.

Item No.14.05: To consider and approve the repair and maintenance work of the approach road from Main gate.

As Ravangla witnesses heavy rain fall which lasts for around 6 to 7 months in a year, the approach road has been severely damaged and is in very poor condition. Due to improper camber water gets logged and is results in the development of pot holes and the top course of the road has been damaged severely. Therefore, the estate section is going to repair the pot holes and lay a premix bitumen top layer of minimum 30 mm thickness in the approach road from the main gate. The preliminary estimated cost of the works is ₹14.20 Lakhs as prepared by the Estate Department. The repair and maintenance work will be carried out by the estate section as per GFR.

The agenda was approved as proposed.

Item No.14.06: To consider and approve the Electrical works in various laboratories, offices etc.

NIT Sikkim is running at a temporary campus at Ravangla, South Sikkim. To provide better academic facilities to the students’ many class rooms/laboratories space have already been created and the construction work of some more are in the final stage of completion. The Electrical Section of the Institute has made a load survey of all the classroom/ laboratories and a preliminary estimate of ₹9.0 Lakhs has been prepared. The work shall be carried out by the Estate Department of NIT Sikkim by procuring the required items through the open bidding process as per GFR.

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The agenda was approved as proposed.

Item No.14.07: To ratify the refurbishment work of faculty/staff mess.

The faculty/staff mess at the campus has limited space for dining/cooking and is in poor condition. As per the request received from faculties and staff, the refurbishment work of the mess has been carried out. The work is executed in-house by the estate section. The approximate expenditure incurred for the refurbishment work including (a. Civil (2.5 Lakhs) b. Carpentry (0.5 Lakh) and c. Miscellaneous (0.5 Lakhs)) is nearly ₹3.5 Lakhs (approx.).

The agenda was ratified.

Item No.14.08: To ratify the revised estimate of the work “Contour survey and mapping of the proposed land for the establishment of permanent campus at Dung Dung, Khamdong”.

The contour survey and mapping work of the proposed land for the establishment of permanent campus at Dung Dung, Khamdong, was assigned to the Department of Mines and Geology, Govt. of Sikkim for surveying of 40 Hectares of land with an estimated amount of ₹6,03,800/-. The actual surveyed area of the proposed land is 53 Hectares, hence a revised estimate amounting to ₹7,64,100/- was received from the Department of Mines and Geology, Government of Sikkim (Ref. no. 366/DMG/20-21 dated 18/01/2021). An administrative and financial sanction for the revised estimated amount of ₹7,64,100/- has been issued to the Department of Mines, Minerals and Geology, Govt. of Sikkim. The work has been completed.

The agenda was ratified.

Item No.14.11: Brief report on in-house repair, maintenance and electrical works at NIT Sikkim.

The work carried out by NIT Sikkim was noted and appreciated.

Supplementary Agenda

Item No.14.S1: To consider and approve the work “Refurbishment of Medical Unit”.

The medical unit at the campus is housed in one small apartment. There is an acute shortage of space and have other maintenance requirements. As per the request received from the Faculty In-charge, medical unit refurbishment of the unit is urgently required as it doesn't have adequate facilities. The floor of the medical unit is damaged and it needs tiling work. There is also a requirement of arrangement of storage, dressing area, painting, repair and maintenance of drainage, walls etc. It includes civil, plumbing, carpentry and electrical works of varied nature. The work shall be executed in-house by the estate section. The estimated cost for the refurbishment work is nearly ₹2.5 Lakhs (approx.). The agenda was approved as proposed.

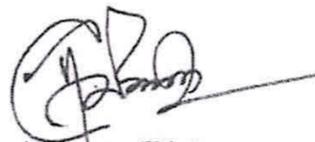
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Item No.14.12: Any other Item with the permission of the Chair.

The issue of the work carried out by the CPWD was discussed in the meeting and BWC showed its concern about the response of the CPWD. It was informed that the Institute is facing huge problems due to not availability of the space in this temporary campus and extraordinary delay in providing the land for the permanent campus. In past repeated unrest has been witnessed from the students for not having even space for proper classroom and labs, hostels, etc. to avoid the same few sheds were approved for the construction by CPWD. The time taken by the CPWD and the quality of work is of serious concern. Still, sheds II and sheds III have not completed till date even over a span of 5-6 year. Other sheds fabricated/constructed also have serious problems and no remedial measures are taken till date, in spite of several requests. The Institute pursue constantly for timely completion and supervision of the quality of work, however both timely completion and quality are missing. This raised need to take some of the work inhouse to avoid inconvenience to students. The BWC also raised need to develop in-house unit for various work realizing the engineering Institution and having Civil Engineering discipline to supervise the work. The BWC also reminded to write to CPWD for above issues constantly.

The Meeting ended with a vote of thanks to the chair.


Registrar (I/c)

Director & Chairman



THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY

RESEARCH REPORT
NO. 1000

BY
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