

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

Minutes of the 13th Meeting of the Building and Works Committee

The 13th Meeting of Building and Works Committee of the Institute was held on 28th November 2020 at 11:30 AM 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

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 13th 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. 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.13.01: To confirm the Minutes of the 12th Meeting of the Building and Works Committee held on 20th August 2020.

The minutes were confirmed.

Item No.13.02: To report the actions taken on the agenda items/decisions taken in the 12th 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
12.03	To consider and approve the work "Roof treatment of various in-campus old buildings".	BWC noted that the work is in process
12.04	To consider and approve the work "Fabrication of Shed for Civil Engineering near Academic Block".	Noted
12.05	To consider and approve the work "Laying of cable from the main panel to Administrative building, Academic buildings, newly fabricated laboratories and Hostels	BWC noted that the work is in process
12.06	To consider and approve the work "Installation of lightening arrester set and earthing at different in-campus buildings".	Delayed due to Covid-19
12.07	Brief report on in-house repair, maintenance and electrical works at NIT Sikkim	Noted
12.08	Any other Item with the permission of the chair	
(i)	Preparation of DPR for the establishment of permanent campus	Noted
(ii)	Repair and Maintenance of Approach Road from main gate to Admin Block	Preliminary Estimate from CPWD is awaited.
12.S1	To consider and approve the Geo-technical survey of 100 acres land proposed for the establishment of permanent campus of NIT Sikkim at Dung Dung, Khamdong	In progress

Item No.13.03: To consider and approve the work "Repair and maintenance at various places of the campus by Laying Paver block and tiles".

NIT Sikkim is running in a temporary campus at Ravangla, South Sikkim. Ravangla witnesses heavy rainfalls which last for around 6 to 7 months in a year and due to this most of the foot paths and parking space of the campus are completely damaged. At various places, it has become slippery and are dangerous to walk. Therefore, it is required to carry out the repair and maintenance work of the footpath and parking space by Laying Paver block and tiles. The preliminary estimated cost of the works is ₹8.50 Lakhs as prepared by the Estate Department.

The agenda was approved as proposed.

Atanda

(Signature)

Item No.13.04: To consider and approve the work “Repair and maintenance of drains and plinth protection of various buildings”.

NIT Sikkim is functioning from the temporary campus where existing old buildings are used for offices, academic work, residential purposes and hostels. During inspection, the estate department/committee found that due to old structure and heavy rains the plinths and drainage system are severely damaged and water is seeping into the plinth of the buildings which may lead to dampness, partial settlement etc. There is seepage in most of the buildings and repair is required to save the buildings from dampness and other safety issues. Therefore, it is necessary to take up the work immediately. The approximate expenditure of the above work is ₹ 4.50 lakhs.

The agenda was approved as proposed.

Item No.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.

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. Ravangla witnesses’ heavy rainfall which lasts for around 6 to 7 months in a year and with MS/PVC sheet roofing the noise level is too high. It is nearly impossible to teach in classes and laboratories due to high noise. Therefore, it is necessary to fix the false ceiling in the newly fabricated sheds for sound and thermal insulation. Also, several complaints related to seepage in hostels/laboratories/classrooms have been received. With reference to this a joint inspection has been made and a preliminary estimate of ₹14.40 Lakhs has been prepared by the Estate Department to carry out (a) Repair and maintenance of false ceiling at hostels/classrooms/laboratories (b) fixing of false ceiling in the classes and laboratories.

The agenda was approved as proposed.

Item No.13.06: To consider and approve the work “Electrical Wiring and Fitting at various newly fabricated classrooms/laboratories sheds”

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 ₹10.0 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.

The agenda was approved as proposed.

Arjandi



Item No.13.07: To deliberate on the infrastructural requirement plan of the permanent Campus.

The efforts made by the Institute for the preparation of infrastructural requirement plan and DPR were noted and appreciated. The members asked for sharing the infrastructural requirement plan and DPR for further deliberations and advise.

Item No.13.08: To ratify the work "Fabrication of Shed for Kitchen, Dining and Girls' Gym".

NIT Sikkim is functioning from the temporary campus and there are limited numbers of hostel rooms for Girls' students. Two rooms of the existing Girls' hostel are in used as a Kitchen, etc. for the Girls' mess. In this academic session the strength of in-coming girls' students is more as compared to outgoing girls' students. Therefore, in order to accommodate more girls' student in the existing Girls' hostel, it was proposed by the Wardens to vacant the existing mess and also to fabricate a shed for the Gym of Girls' student. The matter was discussed in the Deans and HoDs meeting and it was proposed to fabricate a shed near the Girls Hostel to create space for Kitchen, Dining and Girls' Gym. The work has been carried out in-house by the Estate Department of NIT Sikkim by procuring the required material through the open bidding process as per GFR with an approximated cost of ₹ 8.50 lakhs.

The agenda was ratified.

Item No.13.09: To ratify the work "Fabrication of Shed for Security Guard Posts".

NIT Sikkim is functioning from the temporary campus and is located at a remote place at Ravangla. In order to ensure more safety, security and also for proper monitoring of the campus, ten numbers of security guard posts were created by fabricating sheds at different places of the campus. These guard posts are necessary looking at heavy rains and cold weather. The work has been carried out in-house by the Estate Department of NIT Sikkim by procuring the required material through the open bidding process as per GFR with an approximated cost of ₹ 4.0 lakhs.

The agenda was ratified.

Item No.13.10: To report on the progress of the works of Prefabricated Shed-II and Shed-III.

BWC noted that the construction work of Prefabricated Shed-II and Shed-III and raised serious concerns about the long delay in completion of the above works.

Item No.13.11: Brief report on in-house repair, maintenance and electrical works at NIT Sikkim.

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

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Item No.13.12: Any other Item with the permission of the Chair.

The following points were also discussed with the permission of the chair and suggestions made by the external experts are noted below:

- (i) In order to have better thermal insulation and acoustics in the fabricated sheds for classrooms/laboratories, BWC advised to use mineral fiber type false ceiling boards.
- (ii) BWC recommended to install UPVC type doors and windows in view of safety.
- (iii) The quality of work carried out by the CPWD and related issues were also discussed and it was advised to write to CPWD for proper supervision of the works and timely handing over of the projects.
- (iv) The point raised by AG Audit of not handing over the old projects was also discussed and the BWC again advised to strongly write to CPWD for handing over the old projects after complying all the requirements as per GFR.

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


Registrar (I/c)

Director & Chairman



