

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

**Minutes of the 16<sup>th</sup> Meeting of the Building and Works Committee**

The 16<sup>th</sup> Meeting of Building and Works Committee of the Institute was held on 15<sup>th</sup> September 2021 at 11:00 AM under the Chairmanship of **Prof. Mahesh Chandra Govil**, Director, NIT Sikkim through video conference. The following members were present in the meeting:

<b>Dr. Manish Kumar Jindal</b> Chief Executive Officer (CEO), Quality Council of India	<b>Member</b>
<b>Shri Raj Kamal Mittal</b> Director (Trg. & Co-ord), College of Military Engineering, Pune	<b>Member</b>
<b>Shri Roden Thapa</b> Chief Engineer, Energy & Power Department, Govt. of Sikkim	<b>Member</b>
<b>Dr. Aurobinda Panda</b> Dean Planning and Development, NIT Sikkim	<b>Member</b>
<b>Dr. Achintesh Narayan Biswas</b> Registrar I/C, NIT Sikkim	<b>Member Secretary</b>
<b>Shri. R. K. Dhiman</b> ADG, CPWD, Kolkata	<b>Invited Member</b>
<b>Shri Szs Tabish</b> Chief Engineer, CPWD, Siliguri	<b>Invited Member</b>
<b>Shri Vikram Pant</b> Executive Engineer, CPWD, Gangtok Division	<b>Invited Member</b>
<b>Shri Shibashis Chaudhuri</b> Architect, CPWD, Kolkata	<b>Invited Member</b>
<b>Shri Kushal Ghosh,</b> FIC (Civil), Estate Department, NIT Sikkim	<b>Invited Member</b>
<b>Shri Pradeep Kumar,</b> FIC (Electrical), Estate Department, NIT Sikkim	<b>Invited Member</b>
<b>Shri Rewa Nath Sharma,</b> Junior Engineer (Civil), NIT Sikkim	<b>Invited Member</b>

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

1. Representative(s) of the Ministry of Education, Government of India.

At the outset, the Chairperson extended heartiest welcome to the members present in the 16<sup>th</sup> 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 appraised with the scarcity of the available classrooms as well as laboratories to fulfil the requirement of

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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.16.01: To confirm the Minutes of the 15<sup>th</sup> Meeting of the Building and Works Committee held on 15<sup>th</sup> June 2021.**

The minutes were confirmed.

**Item No.16.02: To report the actions taken on the agenda items/decisions taken in the 15<sup>th</sup> 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
15.03	To consider and approve the work of Tiling, landscaping and development work at various places of the premises.	BWC noted that the work is in progress
15.04	To consider and approve the work "Fabrication of Shed for Parking of Institute Vehicles near Admin Block".	BWC noted that the work is in progress
15.05	To consider and approve the work "Construction of protection wall (CRM) below main water storage tank of NIT Sikkim".	BWC noted that the work has been completed
15.06	To consider and approve the work "Repair and maintenance of CC Approach Road at the entrance of MPH".	BWC noted that the work is in progress
15.07	To consider and approve the Electrical works in various newly fabricated sheds.	BWC noted that the work is in progress
15.08	To report the work "Construction of Prefabricated Shed-II".	BWC noted most of the works have been completed.
15.09	Brief report on in-house repair, maintenance and electrical works at NIT Sikkim.	BWC noted that the work is in progress

**Item No.16.03: To consider and approve the work "Repair/Maintenance/Refurbishment of the Classrooms and nearby passage areas".**

NIT Sikkim is functioning from a temporary campus at Ravangla, South Sikkim where most of the existing old buildings are in used for Class rooms, laboratories, offices, etc. Considering the current classroom requirement of the institute, it is proposed to resize the large classroom into required capacity classrooms by partitioning using brick wall. In addition, there is a need of repair and maintenance of floor, false ceiling, plaster, passage, etc. A preliminary estimate of **Rs.6.75 Lakhs** (Rupees Six Lakhs Seventy-Five

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Thousand Only) has been prepared by the Estate Department for the above-mentioned works. The work shall be carried out by the Estate department under the supervision of Civil Engineering Department.

*The agenda was approved as proposed.*

**Item No.16.04: To consider and approve the work “Fabrication of Sheds in the pathway behind new academic block”.**

As Ravangla witnesses heavy rain fall which lasts for around 6 to 7 months in a year, it becomes very difficult for the Faculty/Students/Staff to reach the class rooms and laboratories. The pathway leading to the abovementioned areas is uncovered and becomes extremely slippery and dangerous for the pedestrians to walk through it. Further, there is no covered waiting area for the students outside the class and laboratories. In this context it has been proposed that the concerned pathway area should be covered by GI/PVC profile sheets supported by structural steel members. A preliminary estimate of Rs.4.50 Lakhs (Rupees Four Lakhs Fifty Thousand Only) has been prepared by the Estate Department for the above-mentioned works. The work shall be carried out by Estate Department under the supervision of Civil and Mechanical Engineering Department.

*The agenda was approved as proposed.*

**Item No.16.05: To consider and approve the work “Laying of anti-slippery Chequered tiles in front of Chemistry Laboratory”.**

The present campus of NIT Sikkim witnesses heavy rainfall which last for around 6 to 7 months in a year and due to this, the passage in front of chemistry laboratory are completely damaged. The walk way near this laboratory has become slippery and is unsafe for the pedestrians. There are repeated complaints from faculty and may lead to injury to student, faculty and staff. This need urgent solutions and the same may be done by laying anti-slippery Chequered tiles. A preliminary estimate of Rs.3.50 Lakhs (Rupees Three Lakh Only) has been prepared by the Estate Department for the above-mentioned works. The work shall be carried out by the Estate Department under the supervision of Civil Engineering Department.

*The agenda was approved as proposed.*

**Item No.16.06: To consider and approve the work “Repair and maintenance of sewer line, rain water pipes and other plumbing related works”.**

NIT Sikkim is functioning from the temporary campus where existing old buildings are used for offices, academic work, residential purposes and hostels. Ravangla witnesses heavy rainfall which last for around 6 to 7 months in a year. During inspection, the estate department/committee found that in most of the building the rain water pipes as well as the sewer pipes are partially/completely damaged leading to severe seepage resulting in

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dampness and cracks in different portions of the buildings. As mentioned above, the construction is old and the continues seepage of water may even lead to damage to the structure/building. Therefore, it is necessary to take up the work immediately. The PE of ₹ 6.00 lakhs is prepared by the Estate Department to carry out the abovementioned work. The work shall be carried out by the Estate Department under the supervision of Civil Engineering Department.

*The agenda was approved as proposed.*

**Item No.16.07: To consider and approve the work “Repair and Maintenance of Transformer”.**

NIT Sikkim is running at a temporary campus at Ravangla. Presently there is a 615-kVA transformer unit situated in the institute for the distribution of power throughout the campus. During inspection it is found that there is a need of repair and maintenance of transformer. The Electrical Section of the Estate department proposed for the replacement of top cover gasket, L.T and H.T bushing, maintenance of buchholz relay, refilling of transformer oil etc. With reference to this a preliminary estimate of Rs. 1.50 lakhs (Rupees One lakh Fifty Thousand Only /-) has been prepared by the Electrical section of the Estate Department. The work shall be carried through the authorized firm of the Energy and Power Department, Government of Sikkim.

*The agenda was approved as proposed.*

**Item No.16.08: To consider and approve the PE submitted by CPWD for the work “Construction of Boundary wall at the newly allocated land”.**

The state government of Sikkim is in the final stage of completion of formalities for the physical handing over of the proposed approx. 100 acre of land to NIT Sikkim. To ensure no encroachment of the allotted land, the construction of boundary wall is necessary. The matter was discussed in the 11<sup>th</sup> BWC meeting (Agenda No.05) where it had been recommended to assign the work to CPWD. In this regard a request had been made to the CPWD to submit the drawing and Preliminary Estimate for the same. With reference to this, the CPWD has submitted the drawing and Preliminary Estimate (PE) amounting to ₹ 21,67,16, 500 /- (Rupees Twenty-One Crore Sixty-Seven Lakhs Sixteen Thousand Five Hundred Only /-).

BWC recommended to use PVC coating or Powder Coating fence to prevent from corrosion. It was also suggested to use horizontal support in between the fence for more stability.

*The PE amounting to ₹ 21,67,16, 500 /- submitted by CPWD is approved as proposed.*

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**Item No.16.09: To consider and approve the draft copy of DPR prepared by CPWD for the permanent campus of NIT Sikkim at Khamdong.**

With reference to letter no. F. No.21-6/2010-TS.III dated 27<sup>th</sup> January 2020, Ministry of Education, Govt. of India directed NIT Sikkim to expedite the preparation of DPR for the permanent campus of NIT Sikkim at upper Khamdong, East Sikkim. The matter was discussed in the 11<sup>th</sup> BWC meeting (Agenda no.11.04) where it was decided to assign the work to CPWD, the work of preparing the DPR was assigned to CPWD and the draft of the same was discussed in this meeting. The CPWD made a presentation on both boundary wall and the draft of the DPR prepared.

*The BWC deliberated on the draft DPR prepared by CPWD and some suggestions are made to incorporate in the DPR. The BWC also suggested to convene a joint visit of the proposed land to discuss onsite the location of various buildings/facilities and accordingly finalize the DPR. The DPR may be presented before the FC and BoG for discussion and suggestions to be incorporated. It was also suggested to invite one or two CPWD officials to present the both boundary wall and DPR before the FC and BoG. The expenditure for the visit shall be borne by the NIT Sikkim.*

**Item No.16.10: Brief report on in-house civil repair and maintenance works and electrical works at NIT Sikkim.**

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

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

Director & Chairman

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15/09/21

  
15/09/2021  
Registrar (I/c)