



NATIONAL INSTITUTE OF TECHNOLOGY GOA

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Minutes of the 6th Building and Works Committee Meeting

Date and time: 02/06/2023 at 2.30 PM

Venue: Conference Room NIT Goa (Hybrid Mode)

Minutes of the 6th BWC Meeting
Date and Time: 2nd June 2023, at 2.30 PM

The sixth meeting of the Building and Works Committee (B&WC) of NIT Goa was held on 02nd June 2023, Friday, at 2.30 PM in the NIT Goa Conference hall in hybrid mode. The meeting started with a welcome address by the Director of NIT Goa and Chairman of B&WC.

The following members were present in the meeting

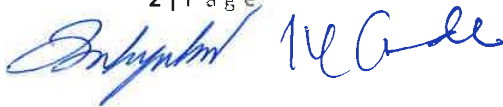
Sl. No	Name	Designation	Mode of Presence
1.	Prof. Anupam Shukla Director, NIT Goa	Chairman	Online
2.	Shri. Veena Dunga Deputy Secretary, NITs Department of Higher Education MoE, New Delhi	Member	Online
3.	Shri. Anil Kumar Director (Finance and Accounts) Department of Higher Education MoE, New Delhi	Member	Online
4.	Prof. Rajesh Kumar Tripath Department of Civil Engineering, National Institute of Technology Raipur	Member	Online
5.	Shri. A K Jain Former Spl DG, CPWD, Delhi	Member	Online
6.	Prof. Krishna Kant Pathak, Dept. of Civil Engineering, IIT BHU	Member	In-person
7.	Prof. O R Jaiswal Department of Applied Mechanics Engineering, VNIT Nagpur	Special Invitee	Online
8.	Shri. P K Agrawal, SE cum PD, CPWD, Goa	Special Invitee	Online
9.	Shri. Devesh Budhani, EE & SM (C-II), CPWD, Goa	Special Invitee	In-person
10.	Dr. Harikumar, Assoc. Dean P&D, Project In-charge, NIT Goa	Special Invitee	In-person
11.	Dr. Velavan Kathirvelu Dean P&D, NIT Goa	Member	In-person
12.	Dr. Shashidhar K. Kudari, Registrar, NIT Goa	Member Secretary	In-person

Dr. Anupam Shukla

Dr. Shashidhar K. Kudari

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MINUTES OF THE MEETING

The agenda points, confirmation of minutes of 5th BWC meeting and the information regarding the action taken reports are not considered in this meeting as the last BWC meeting was held four years ago.

MoE officials have informed the institute to conduct minimum four BWC meetings as per the NIT Statute.

BWC 6.1: Payment of Rs 20,31,840/- to be made to the Goa Pollution Control Board for obtaining consent to operate certificate.

NIT Goa has obtained consent to establish Sewage Treatment Plant, DG, and substation at NIT Goa. Work has been completed accordingly and applied to obtain consent to operate through the OCMMS online portal. As a result, the Goa pollution control board (GPCB) has raised a bill for Rs 20,31,840 (for five years) via the OCMMS portal to obtain consent to operate (**Annexure 6.1.1**). So, NIT Goa submitted a letter requesting to exempt this fee vide ref no NITG/Admin/2023/OW/152 dated 18/04/2023 explaining various reasons (**Annexure 6.1.2**).

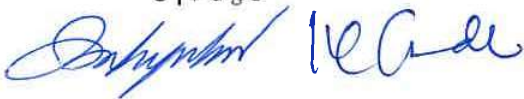
In response to the letter, GPCB has declared vide letter No. 2024/GSPCB/Letter/1268/tech/2192 dated 27/4/2023 that our request to waive the fee can not be considered. Further, GPCB has directed NIT Goa to pay the fee to obtain the certificate (**Annexure 6.1.3**).

This unexpected expense is not included in the DPR or Preliminary estimate. Further, consent to operate is the fundamental certificate required to obtain NOC from Health and Occupancy certificate.

So, BWC is requested to accord approval to pay the fee to obtain the consent to operate certificate.

Resolution: BWC approved the fee payment to the Goa pollution control board for obtaining the consent to operate certificate. Further, It was resolved that this amount shall be managed through the 20% additional fund requested over and above the approved DPR in the agenda point BWC 6.6 of this meeting. Committee informed CPWD to pay the fees of Rs 20,31,840 to pollution control board immediately.

BWC 6.2: Release of Rs. 15 Cr from the SFC sanctioned amount of Rs.304.33 Cr towards civil and electrical work against receipt of request letter from CPWD



The standing finance committee for NIT Goa, on its meeting on 11/02/2019, has approved Rs. 304.33 vide letter F.No.23-4/2018.TS-III dated 1/03/2019. Till date, NIT Goa has released a sum of Rs 280.05 Cr upon demand raised by CPWD from time to time (**Annexure 6.2.1**). At present, NIT Goa has Rs. 15.14 Cr under Civil and Electrical work head. CPWD vide letter Ref: 23/33/EE&SM(C)-II/2023/133 dated 05/04/2023 has requested to release Rs 15 Cr to pay standing bills from the contractor (**Annexure 6.2.2**).

BWC is requested to consider and accord approval for the release of funds, Rs. 15 Cr to CPWD.

Resolution: Committee discussed that 15 Cr requested by the CPWD is well within the budget for Civil and Electrical works Rs 304.33 Cr, which was approved by SFC in its meeting on 11/02/2019. Committee resolved to release 15 Cr funds requested by CPWD.

BWC noted that CPWD has released the funds more than the tendered amount of Rs. 232 Cr for the Civil and Electrical works of the project. So, BWC recommends the clarification for the same shall be sought from CPWD.

BWC 6.3: Electricity connection for the permanent campus of NIT Goa

The Electricity connection is to be taken for the permanent campus from the Goa Electricity Department (GED), Goa State. In this regard, NIT Goa submitted an application to GED. NIT Goa has demanded an electrical load of 1800 KVA. Therefore, the electrical connection to NIT Goa is approved with the following condition vide letter No. EE-XVI/O&M/Tech-HT-LAC-14(22-23/668/2023-24 dated 05/05/2023 (**Annexure 6.3.1**).

1. Considering the load of NIT Goa, a dedicated 33 KV cable from 220KV/33KV Cuncolim Sub-Station to NIT Goa has to be laid. It may cover a distance of about 6.5 KM
2. Construction of a new 33KV bay at 220KV/33KV Cuncolim Sub-Station
3. A temporary power supply can be arranged from 33 KV Velim I/II circuit.

The estimated cost for connection from 33 KV Velim I/II circuit through 9-pole structure to the substation of NIT Goa is proposed as 1,23,33,359 Cr. The estimated cost for a dedicated line from 220KV/33KV Cuncolim Sub-Station to 9-pole structure of NIT Goa is yet to be received.

In the DPR, external electrical works in the form of sub-station, LT and HT panels, and allied works are considered. However, there is no mention of the connection of the mainline to the receiving station and sub-station at NIT Goa. So, this is an additional expense over and above DPR.

BWC is requested to consider and give appropriate direction for the same.



Resolution: After deliberation BWC agreed that an electricity connection is essential for shifting to the permanent campus at Cuncolium. Principally this proposal was approved. Further, It was resolved that this amount shall be managed through the 20% additional fund requested over and above the approved DPR in SFC, in the agenda point BWC 6.6 of this meeting.

The BWC also recommended to start the tendering process in this regard but award of the work shall be done only after the sanction of additional 20% funds by MoE.

BWC 6.4: Drinking water connection for the permanent campus of NIT Goa

The National Institute of Technology Goa has requested approval for the drinking water connection from the Public Works Department, South Goa, Margao, vide letter No: NITG/Dean PD/23/OW/103 dated 21/2/2023. Through this letter, NIT Goa has requested 110 cubic meters of water per day. In response to the request letter, EE of PWD visited the campus on 19/05/2023 at 5.00 PM with his team. Upon inspection, PWD officials proposed a dedicated water pipeline from the nearest pump station to NIT Goa, which is about 1 km from the permanent campus. It was also suggested that a dedicated water line from the pump station would be a better solution for NIT Goa's future water requirement. The estimated cost for laying a dedicated pipeline for NIT Goa was proposed as Rs. 43,73,440/-

DPR mentions that the entire campus's water requirement shall be met out from the borewell until the permanent water supply lines are made available by the municipal corporation. So, this is an additional expense over and above DPR.



BWC is requested to consider and give appropriate direction for the same.

Resolution: BWC discussed and agreed that a drinking water connection is essential for shifting to the permanent campus. Principally this proposal was approved. Further, It was resolved that this amount shall be managed through the 20% additional fund requested over and above the approved DPR in SFC, in the agenda point BWC 6.6 of this meeting.

The BWC also recommended to start the tendering process in this regard but award of the work shall be done only after the sanction of additional 20% funds by MoE.

BWC 6.5: Procurement of furniture for the permanent campus of NIT Goa.

SFC has approved a sum of Rs 12.33 Cr under furniture component for constructing the permanent campus of NIT Goa. Out of the sanctioned amount, NIT Goa has already utilized 2.59 Cr in the transit campus to run the institute's academic activities. Since the construction of



the permanent campus has been given to CPWD under EPC mode. CPWD has submitted a preliminary estimate for the procurement of necessary furniture vide ref no: 23/33/ अ.अ.प.नि. गोवा /2022/ 1167 dated 09/12/2023. The estimate amounting to Rs. 31,03,58,765/- which includes contingencies, is submitted by CPWD to obtain administrative approval and expenditure sanction.

There are certain items such as switches, sockets, and microphones are planned to embed with the furnitures at certain locations of the buildings. So, there are already many electrical/electronic tapping points on the floor, which are to be connected to the furniture items like tables and partitions. Therefore, unless the furniture for the concerned locations were procured, certain electrical/electronic items interconnected to the furniture can not be executed. So, furniture procurement is highly connected with the completion and handing over of the building.

Procurement of required furniture for the new campus will be taken up only after considering the furniture already available in good condition at the transit campus of NIT Goa.

So, BWC is requested to consider and accord approval for the proposal

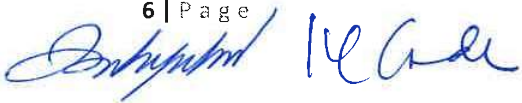
Resolution: BWC discussed the furniture requirement for the permanent campus and noted that NIT Goa is currently having Rs. 9.74 Cr funds available under the furniture head in the SCF approved budget.

BWC recommended that NIT Goa shall submit a proposal to MoE for 20% additional funds over and above the SFC approved amount of Rs. 12.33 Cr on furniture head to meet the cost of essential furniture required for shifting to the permanent campus. The furniture procurement process within the available funds in furniture head may be initiated at the earliest to start the academic activity on the permanent campus.

Further, it was resolved that any additional furniture requirement for the permanent campus may be met by submitting a separate proposal in the latter stage after shifting to new campus.

BWC 6.6: Reply to MoE concerning clarification regarding the additional fund request of 20% (Rs.99.32 Crore) over and above the approved DPR

In connection with constructing the permanent campus for NIT Goa at Cuncolim, the SFC for NIT Goa, on its meeting on 11/02/2019, has approved Rs. 304.33 for civil and electrical work vide letter F.No.23-4/2018.TS-III dated 1/03/2019. The work was awarded to CPWD with the approval of BoG on its 26th meeting held on 1/05/2019. The approval for 303.9 Cr was issued vide letter dated 22/5/2019 against receipt of the preliminary estimate dated 13/5/2019 from CPWD. CPWD has submitted a revised preliminary estimate amounting to Rs. 414,13,60,000/- vide letter 23/33/ अ.अ.प.नि. गोवा /2022/ 1166 dated 09/12/2022. In this regard, the



Director NIT Goa had written to the MoE vide ref no: NITGoa/Dir_office/ow/2022/54 dated 20/12/2022 (**Annexure-6.6.1**), requesting a sanction of an additional 20% grant for civil works and additional cost on other items amounting 140 Crores over and above the approved DPR cost (i.e., Rs 496.63 Cr).

In reply to the above communication, the NIT Division of MoE has requested a clarification through email dated 17/02/2023 (**Annexure-6.6.2**) regarding the sanction of 20% additional funds amounting to Rs. 99.32 Cr over and above the approved cost for the construction of the permanent campus of NIT Goa.

A meeting was conducted between the officials of CPWD and NIT Goa, chaired by the Hon'ble Director NIT Goa, on 08/05/2023 to draft the reply concerning the queries raised by the MoE. It has been resolved that the reply drafted (**Annexure 6.6.3**) in the meeting shall be taken to the BWC for further approval.

BWC is requested to consider and accord approval for the proposal to submit it to MoE.

Resolution: BWC discussed this matter and resolved that 20% additional funds over and above the approved DPR amount of Rs 304.33 Cr on civil and electrical components and 12.33 Cr on furniture component can be requested from MoE.

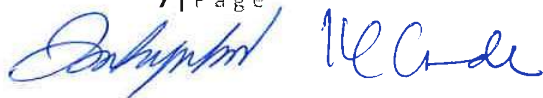
Further, it was resolved that the expenditures under agenda point BWC 6.1, BWC 6.3, and BWC 6.4 of this meeting shall also be met with this 20% additional fund. BWC suggested to modify the proposal and submit it to MoE at the earliest for sanction the required 20% additional funds to logically complete the project so that it is operational within the completion date given by MoE.

BWC 6.7: Ratification of changes in civil, electrical, and other developmental works concerning the construction of the permanent campus for NIT Goa.

Concerning the construction of the permanent campus for NIT Goa at Cuncolim, to cater to the needs and fulfill the functionality of the campus, certain changes were made in the civil work and developmental work, like changes in the plinth area of the buildings, retaining walls, roads, and electrical works. These changes are detailed in **Annexure 6.7.1** and attached herewith. During the execution of the project, these changes were mandated due to the hilly profile, interconnectivity for the movement of vehicles, movement of people during monsoon, and to ensure the functionality of services as per relevant guidelines

BWC is requested to consider and ratify the changes made.

Resolution: BWC discussed this matter and resolved that a committee shall be constituted with the following members to get the more details in this matter. The team of officials from CPWD and NIT Goa in this committee shall list out the changes made in plinth area



and all other modifications with respect to each building and other facilities and justify the reasons for the changes made with respect to approved DPR. The nominated external experts by BWC to review the report and refer it in next BWC for further discussions and necessary approval.

Sl.No	Name	
External Members		
1.	Prof. Rajesh Kumar Tripathi Department of Civil Engineering, National Institute of Technology Raipur BWC Member, NIT Goa	Chairman
2.	Sri. A. K. Jain Former Spl. DG, CPWD, Delhi BWC Member, NIT Goa	Member
CPWD and Institute members		
3.	Shri. P K Agrawal, SE cum PD, CPWD, Goa	Member
4.	Shri DeveshBudhani, EE & SM (C-II), CPWD, Goa	Member
5.	Dr. Vasantha M H Former Dean P&D and Project In-charge National Institute of Technology Goa	Member
6.	Dr. Saidi Reddy P Former BWC member National Institute of Technology Goa	Member
7.	Dr. Velavan Kathirvelu Dean P & D National Institute of Technology Goa	Member
8.	Dr. Harikumar, Assoc. Dean P&D, and Project in-charge National Institute of Technology Goa	Member
9.	Dr. Shashidhar K Kudari, Registrar, NIT Goa	Co-ordinator

BWC 6.8: Additional items, if any, with the permission of the Chairperson.

There were no any additional items proposed in the meeting

The meeting concluded at 4.30 PM with a vote of thanks to the Chairman, members, and special invitees of the BWC meeting by the Registrar, National Institute of Technology Goa.



कुलसचिव
Registrar

राष्ट्रीय प्रौद्योगिकी संस्थान गोवा
National Institute of Technology Goa



निदेशक

Director

राष्ट्रीय प्रौद्योगिकी संस्थान गोवा
National Institute of Technology Goa