



**MINUTES OF 24<sup>th</sup>  
MEETING OF BUILDING &  
WORKS COMMITTEE  
March 06, 2018**



**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119**



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KURUKSHETRA-136119**

Minutes of the 24<sup>th</sup> meeting of Building & Works Committee, National Institute of Technology, Kurukshetra held on 06<sup>th</sup> March, 2018 at 11.00 am in the Board Room of Golden Jubilee Administrative Building of NIT, Kurukshetra.

The following were present:

- |  |                        |
|--|------------------------|
| <b>1. Dr. Satish Kumar</b><br>Director,<br>National Institute of Technology,<br>Kurukshetra  | <b>Chairman</b>        |
| <b>2. Shri A K Singhal,</b><br>Director General (Retired),<br>C.P.W.D,<br>Flat No. B-2012,<br>Gaur Green City Vaibhav Khand,<br>Indirapuram, Distt. Ghaziabad-202020(UP) | <b>Member</b>          |
| <b>3. Prof. D.K. Soni</b><br>Dean (Planning & Development)<br>National Institute of Technology,<br>Kurukshetra   | <b>Member</b>          |
| <b>4. Er. R.K. Sao</b><br>Superintending Engineer (Electrical),<br>Chandigarh Central Electrical Circle, CPWD,<br>Sector 9-A,<br>Chandigarh                              | <b>Member</b>          |
| <b>5. Sh. B.P.Singh</b><br>Superintending Engineer,<br>Chandigarh Central Circle<br>CPWD 2 <sup>nd</sup> Floor, Kendriya Sadan<br>Sector-9A,<br>Chandigarh.              | <b>Member</b>          |
| <b>6. Prof. S. M. Gupta</b><br>Prof. in-charge (Estate & Construction),<br>National Institute of Technology,<br>Kurukshetra.   | <b>Special Invitee</b> |





**7. Dr. Jayaram Nakka**

Faculty- in- Charge (Elect. Mtc & Telephone)  
National Institute of Technology,  
Kurukshetra

**Special Invitee**

**8. Sh. S.N. Kaushik,**

Assistant Engineer (Civil)  
National Institute of Technology,  
Kurukshetra

**Special Invitee**

**9. Shri G. R. Samantaray**

Registrar-Incharge  
National Institute of Technology,  
Kurukshetra

**Member-  
Secretary**

Nominee of the Central Government on the B&WC of the Institute, Deptt. of Higher Education M.H.R.D., Shastri Bhawan New Delhi-110001 could not attend the meeting.

Before the start of the deliberations, the Hon'ble Director and Chairman Building & Works Committee welcomed all the members present in the meeting. The Chairman, B&WC also extended warm welcome to the new members Shri A K Singhal, Director General (Retired), C.P.W.D and Sh. B. P. Singh Superintending Engineer, Chandigarh Central Circle from CPWD and expressed that their vast experience shall make meaningful contribution to the Committee. The Chairman, Building & Works Committee also placed on record his appreciation for the contribution made by the outgoing members Shri K. N. Rai, Former Chief Executive & Advisor, Ministry of Defence (DRDO) and Er. Mahender Pal Singh, Superintending Engineer, Chandigarh Central Circle, CPWD. At the outset the Chairman B&WC informed and apprised the members regarding the progress of ongoing construction works being executed by CPWD at NIT, Kurukshetra.

The Building & Works Committee decided the following on the various agenda items taken up in the meeting:

**BWC 24.1 To confirm the minutes of 23<sup>rd</sup> meeting of Building & Works Committee held on 03.06.2017.**

The minutes of the 23<sup>rd</sup> meeting of Building & Works Committee held on 03.06.2017 circulated amongst the members vide letter No. NIT/23<sup>rd</sup> BWC/2373 dated 5.06.2017 were confirmed.





**BWC 24.2 To report the action taken on the minutes of the 23<sup>rd</sup> meeting of the Building & Works Committee held on 03.06.2017.**

The B&WC noted the action taken on minutes of the 23<sup>rd</sup> meeting of the Building & Works Committee held on 03.06.2017. The following points were discussed on the action taken report:

- **Item No.19.2 (16.4):** Regarding the work of providing & installation of electrical Sub-Station HT/LT distribution in Non-residential area, which is under arbitration, the Executive Engineer (Elect.), CPWD assured that the decision of arbitrator will be communicated to the Institute as and when the case is decided along with final expenditure & final Utilization Certificate.

Further, the Executive Engineer (Elect.) apprised that:

- the work of Installation of HT/LT Sub-Station including feeder pillar in residential area is almost complete;
- the work could not be commissioned due to shortcomings left by previous executive agency of the CPWD; and
- the balance work has been allotted to another agency by CPWD for its execution vide letter No. 54(12)KCED/2018/352 dated 21.02.2018 and will be completed by 20<sup>th</sup> April, 2018.

- **Item No.19.2 (16.10 & 16.11):** Regarding the work of LT Panel with MCCB's / MCBs is completed and put to use, final payment has been made to CPWD.

The work of replacement of existing electrical wiring in instructional buildings is completed by CPWD. The defects/shortcomings pointed out by the inspection committee have already been communicated to CPWD for rectification. The CPWD officers apprised that the pending payment for the above said works is not being made by the Institute due to which they are not able to make the payment to the executing agency. Regarding this, it was also resolved that CPWD will submit the draft final bill to the Institute within a week, so that the payment may be released accordingly to CPWD. After making the final payment to the executing

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agency the CPWD will submit the final utilization certificate to the Institute and close the work.

- **Item No.19.4:** Regarding the estimate for provision of water proofing treatment of existing terrace/mud phaska and concreting/repair etc. in teaching and non-teaching houses was scrutinized jointly by CPWD Officers and Institute Officers. It was decided to defer the item for the time being as per approval of the competent authority.
- **Item No.19.10:** Regarding the item relates to the work of providing audio visual system in the Board Room of Golden Jubilee Administrative Building including Jubilee Hall & Senate Hall. The work in the Board Room has been completed and the preparation of tendering of balance work of Jubilee hall & Senate Hall is in process.
- **Item No.19.11:** Regarding the work of construction of peripheral road along the external boundary wall of the Institute for security and maintenance purpose has been kept pending for the time being as per the decision of the 23<sup>rd</sup> Building & Works Committee. The revised cost estimate may be put up in the next meeting of B&WC
- **Item No. 20.5:** Regarding the work of Installation of STP is completed and put to use. However, the compliance of defects/shortcomings already conveyed to CPWD will be made shortly. Further, it was resolved that the CPWD will submit the draft final bill of STP within a week, so that the payment may be released and the work may be closed after receipt of final utilization certificate from CPWD. Regarding the work of water distribution network for re-use of treated water for Horticulture and flushing in 600 seater Girls Hostel and 300 seater Multi Purpose Boys Hostel, it was also resolved that the CPWD will submit the cost estimate of the work on the basis of approved design. Accordingly, a separate A/A & E/S for this work will be conveyed to CPWD after approval of the competent authority and the funds for this work will be utilized from the saving of the STP work.

**Item No. 21.3:** Regarding the work of 600 seater Girls Hostels stands completed and has been handed over and put to use. The work of Fire





Fighting has also been completed. The compliance of defects/ shortcomings of Civil and Electrical installations have also been made by CPWD. Whereas, the missing items recorded jointly are to be provided by CPWD to the Institute. It was also resolved that the CPWD will submit the draft final bill along with the inventory of fire-fighting system, so that the payment may be released accordingly to CPWD. After making the final payment to the executing agency the CPWD will submit the final utilization certificate to the Institute and close the work.

- **Item No. 21.4:** Regarding the revised cost estimate sanctioned of 300 seater multi-purpose boys hostel has already been communicated to CPWD. Further CPWD assured that the work will be completed in all respect and handed over to the Institute by 30.04.2018 except providing & fixing of VRF/VRV system i.e. air-conditioning work. The tenders of this work have already been received and opened on 02.03.2018 and the work will be awarded to the executing agency by the end of this month. This work will take about two months for its execution and will be completed by 31.05.2018 in all respect. Further, it was also resolved that the pending payments will be released only after the completion of this work as per the earlier decision which has already been conveyed to CPWD.
- **Item No. 21.13:** Regarding the financial bids opened on 05.03.2018 after evaluation of technical bids. The award of work to the agency for providing equipments for modular kitchen in 600 seater girls hostel at Institute level is in process and the work order will be issued at the earliest with a time limit of 120 days from the date of award. The above said work will be completed by July, 2018.
- **Item No. 22.3:** Regarding the work of 600 seater girls hostel stands completed and handed over to the Chief Warden (Girls). The approval of revised cost estimate after duly approved from FC/BOG has already been communicated to CPWD. However, final bill of electrical along with final utilization certificate is awaited from CPWD. It was resolved that the CPWD will submit the draft final bill so that the payment may be released accordingly in consonance with the resolution w.r.t. 21.3 taken

*CPWD*





above.

- **Item No.22.4:** Regarding the approval of revised cost estimate of 300 seater Multi-purpose boys hostel after approval from FC/BOG has already been communicated to CPWD. The work is in progress and will be completed by 30.04.2018 as assured by CPWD and in consonance with the decision taken above w.r.t. item No. 21.4.
- **Item No. 22.5:** Regarding the approval of revised cost estimate of 3 Storey bearer barrack after approval from FC/BOG has already been communicated to CPWD. The work stands completed and put to use. Final UC received and payment has been made to CPWD.
- **Item No. 22.6:** Regarding the approval of revised cost estimate for the various works of re-carpeting of roads after approval from FC/BOG has already been communicated to CPWD. The works stands completed and put to use. The final UC received and final payment has been made to CPWD.
- **Item No. 22.7:** Regarding the approval of revised cost estimate for Widening of Institute road after approval from FC/BOG has already been communicated to CPWD. The work stands completed and put to use. The final UC received and final payment has been made to CPWD.
- **Item No. 22.8:** Regarding the approval of revised cost estimate for the provision of two nos. Institute Main Gate after approval from FC/BOG has already been communicated to CPWD. The works stands completed and put to use. The final UC received and final payment has been made to CPWD.
- **Item No.22.9:** Regarding the approval of revised cost estimate for Replacement of CI/AC water supply lines after approval from FC/BOG has already been communicated to CPWD. The works stands completed and put to use. The final UC received and final payment has been made to CPWD.





- **Item No. 22.10:** Regarding the Building & Works committee was apprised regarding the decision of the subsequent FC & BOG meetings: The decision of 35<sup>th</sup> Finance Committee held on 05.06.2017 vide item No. 35.10 duly approved by BoG in its 42<sup>nd</sup> meeting held on 27.06.2017 is reproduced below:

*"The agenda item was deferred for being taken up in Special Finance Committee meeting scheduled to be held on 14<sup>th</sup> June, 2017 with the observation that the revised self-explanatory agenda be presented along with a check-list of facilities being provided to Persons with Disabilities (PwD)"*

The decision of 36<sup>th</sup> Finance Committee held on 26.09.2017 vide item No. 35.10 is reproduced below:

*"The revised proposal be presented along with check list of facilities being provided to Persons with Disabilities (PwD) in the next meeting of Finance Committee."*

In the light of the decision of FC & BOG the building & works committee resolved that the A/A & E/S already conveyed to CPWD for provision of lifts for persons with disabilities (PwD) may be withdrawn and amount of Rs. 43.37 lacs already deposited by the Institute to the CPWD will be received back. The amount of Rs. 43.37 lacs will be deducted from the pending payment of Rs. 300.00 lacs of the CPWD of 600 seater girls hostel. Further, it was also resolved that an amount of Rs. 66,01,286/- lacs on account of excess payment for the work of providing and installation of Electrical Sub Station HT/LT distribution in Non-residential area will also be deducted from the pending payment of Rs. 300.00 lacs of the CPWD of 600 seater girls hostel. Further, it was also resolved that the revised proposal be presented along with check list of facilities being provide to Persons with Disabilities (PwD) in the next B&WC.

- **Item No. 23.3:** Regarding the work of construction of peripheral road along the external boundary wall of the Institute for security and maintenance purpose is to be kept pending for the time being as per the decision of the 23<sup>rd</sup> Building & Works Committee. The revised cost





estimate may be put up in the next meeting of B&WC

- **Item No. 23.4:** Regarding the 35<sup>th</sup> Finance Committee declined to consider the work of finishing floor with tiles in the common room, dinning hall, warden office and MMCA office in the old boy's hostel No. (1-6) and girl's hostel No.-1 at NIT, Kurukshetra.
- **Item No. 23.5:** Regarding the Finance Committee approved the work at Sr. No. 2 & 3 in Annexure-3 for a sum of Rs. 2.00 crores out of the total funds allocated. The A/A & E/S of this work mentioned at Sr. No. 3 is in process and will be communicated to CPWD shortly.
- **Item No. 23.6:** Regarding the 35<sup>th</sup> Finance Committee declined to consider the work for construction of shed for covering the sports complex stairs at NIT.
- **Item No. 23.7:** Regarding the Finance Committee under agenda item FC 35 A4 approved the work for supply and installation of "Solarizer" Solar water heating systems' accessories mentioned at Sr. No. 1 in Annexure-3. The work has been completed and put to use. The final inspection of this work has been made by the committee duly constituted by the competent authority of the Institute.
- **Item No. 23.8:** Regarding the 35<sup>th</sup> Finance Committee declined to consider the work for the provision of access to Golden Jubilee Administrative Building by providing a gate & parking shed for two wheelers along the in-side boundary wall towards west.
- **Item No. 23.9:** Regarding the 35<sup>th</sup> Finance Committee declined to consider the work for the provision of shed for parking for four wheelers only in the existing parking near NIT Market Complex.
- **Item No. 23.10:** The Finance Committee decided that the provisions of GFRs 2017 applicable to autonomous bodies may be adopted by the Institute regarding delegation of powers to Director & Chairman, Building & Works Committee for original / minor /repairs works.





- **Item No. 23.11:** The Finance Committee approved the work mentioned at Sr. No. 2 & 3 in Annexure-3 for an amount of Rs. 2.00 crores. The work of internal & external finishing i.e. distempering & painting in academic/instructional buildings is completed and final bill along with final Utilization Certificate is awaited from CPWD. The CPWD assured that the final draft bill & utilization certificate will be submitted within a week time and rest of repair/maintenance work in staff quarters and hostel buildings is in process.

**BWC 24.3** To consider and approve the preliminary cost estimate for the provision of additional floor by providing Pre-fab construction with the provision of Air-conditioning, lifts & staircase etc. over the Old MBA/New Workshop Building and renovation of existing workshop building for heavy machinery at NIT, Kurukshetra.

The Building and Works Committee deliberated on the preliminary cost estimate along with Detailed Project Report (DPR) of Rs. 11,82,38,000/- and suggested the following :

- (i) Additional floor with pre-fab technology of Rs. 2,58,69,375/-:**  
In this regard, it was observed that the cost estimate of this work is in order seeing the feasibility as per site conditions.
- (ii) New construction of lift block and stair case of Rs. 1,64,53,320/-:** In this regard, it was suggested that the Stair-case area can be excluded from the estimate, as there is already provisions of two stair cases in the existing building. The only provision for the lift block be kept and further goods lifts has been suggested instead of passenger lifts. The saving of the cost (from excluding of the stair-cases) may be utilized for the construction of cooling tower for centralized air-conditioning system.
- (iii) Renovation of existing building i.e. false ceiling etc. of Rs. 2,42,71,755/-:** The work of the renovation of the workshop area at ground floor i.e. an approximate 500 sqm. for Rs. 1,22,71,755/- and the renovation of rest of area at ground floor and at first floor about 1500 sqm. for Rs. 1,20,00,000/- are deliberated extensively by the Building & Works Committee and





decided that the revised cost estimate for the renovation work of an area of 1500 sqm. will be asked from the CPWD as per the requirements in respective labs and the Centre of Excellence in consultation with the SIEMENS .

- (iv) **Extra for VRF system, air-conditioner, Access Control, 2 nos. Passengers lifts, UPS, CCTV, Fire fighting, Automatic Fire Alarm System, Automation & Lighting control, Networking, Audio Visual System and D.G. Set including augmentation of Rs. 4,77,95,872/-:** The cost of the 2 nos. passenger/goods lifts of Rs. 69,96,000/- and the balance amount i.e. Rs. 4,07,99,872/- should be utilized for the centralized air-conditioning system instead of VRF system for the nearby three buildings (i.e. existing new workshop building, MBA/MCA and Lecture Hall Complex 12 nos.) and all others items as above.

After due deliberations on the above matter the Building & Works Committee concluded and approved the preliminary cost estimate of Rs. 11,82,38,000/- for the complete project to the final expenditure after re-appropriation of items i.e. Centralized Air-conditioning instead of VRF system and construction of separate room for centralized air-conditioning instead of construction of stair-cases and renovation of the existing building as per the SIEMENS requirement. It was resolved that , the CPWD will submit the composite estimate for the above said work after re-appropriation of items. The Chairman Building & Works Committee was authorised to approve the complete estimate.





**BWC 24.4 To consider and approve the preliminary cost estimate for additional floor by providing Pre-feb construction over the existing building of MBA/MCA Department with the provision of lifts and air conditioning etc. at NIT, Kurukshetra**

The Building and Works Committee deliberated on the matter regarding the construction of additional floor by providing pre-feb construction or normal construction. The nominee of Board on the Building & Works Committee emphasized that the additional floor may be provided with normal construction instead of pre-feb construction on the existing building to maintain the aesthetic look of the building being Academic Institute. After the meeting Er. A.K. Singhal, Director General (Retired), C.P.W.D visited the site along with Superintending Engineer (Civil), Superintending Engineer (Elect), CPWD, Prof. I/C (Estate & Construction) and other officials. During the site visit it was decided that the additional floor on the existing building of MBA/MCA will be constructed with normal construction at par with first floor instead of pre-feb construction. In this regard, it was also decided that the consent of Er. A.K. Singhal, Director General (Retired), CPWD and Professor I/C (Estate & Construction) will be sent to Superintending Engineer (Civil), CPWD.

In view of the above the Building & Works Committee approved the preliminary cost estimate of Rs. 8,17,80,000/- for the construction of 2<sup>nd</sup> floor with normal construction over the existing building of MBA/MCA Department with the provision of lifts and centralized air-conditioning etc. at NIT, Kurukshetra. Chairman Building & Works Committee, has authorised to approve the cost estimate after incorporating the suitable modifications by CPWD.

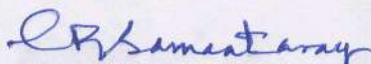





**BWC 24.5 Any other item**

The matter regarding Institute Master Plan was discussed in detail as this work is being pending from the long time and same has to be expedited. The letter written to the Chief Architect, CPWD, Kendriya Sadan, Chandigarh. vide No. 20(142)/PB/KCD/2018/383 dated 23.01.2018 by Executive Engineer (Civil), CPWD, Karnal regarding jurisdiction of Kurukshetra Municipal Counsel, Thanesar vide their letter No. 2941/MCT dated 17.01.2018. The above matter was discussed in the meeting and decided that the prevailing practices should be followed regarding approval of various construction works and Master Plan of the Institute. Further it was also resolved that the work of Institute Master Plan will be completed at the earliest by holding the frequent meetings of the Committee constituted by the competent authority.

The meeting ended with a vote of thanks to the Chair.

  
Registrar-I/C & Member-Secretary  
Building & Works Committee,  
NIT, Kurukshetra

Authenticated 

Director &  
Chairman, Building & Works Committee  
NIT, Kurukshetra