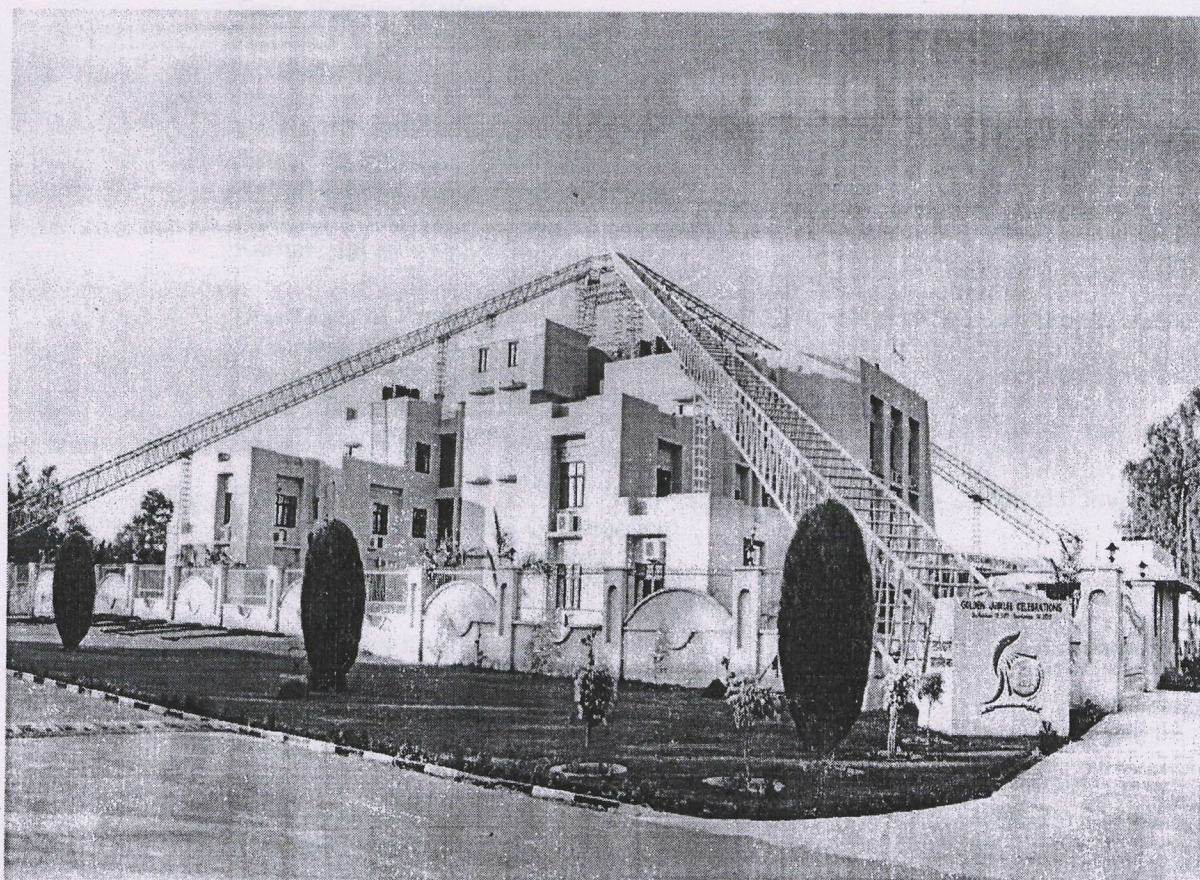


**MINUTES OF 26TH
MEETING OF BUILDING &
WORKS COMMITTEE
FEBURARY 25, 2020**



**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**



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Minutes of the 26th meeting of Building & Works Committee, National Institute of Technology, Kurukshetra held on 25th February, 2020 at 11.00 am in the Board Room of Golden Jubilee Administrative Building of NIT, Kurukshetra.

The following were present:

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| 1. Dr. Satish Kumar
Director,
National Institute of Technology,
Kurukshetra | Chairman |
| 2. Prof. Arun Goel
Dean (Faculty Welfare)
National Institute of Technology,
Kurukshetra | Member In-Charge |
| 3. Er. Rajeshwar Tyagi
Executive Engineer (Electrical),
Karnal Central, Elect. Division, 208-D,
HSIIDC, Sector-3,
Karnal (Haryana)-132001 | Member |
| 4. Er. Prashant Agarwal
Executive Engineer (Civil),
Karnal Central Division, CPWD
NDRI Campus, Near SBI,
Karnal (Haryana)-132001 | Member |
| 5. Prof. S. M. Gupta
Prof. in-charge (Estate & Construction),
National Institute of Technology,
Kurukshetra. | Special Invitee |
| 6. Dr. Sandeep Kakran
Faculty- in- Charge (Elect. Mtc & Telephone)
National Institute of Technology,
Kurukshetra. | Special Invitee |
| 7. Sh. S.N. Kaushik,
Assistant Engineer (Civil)
National Institute of Technology,
Kurukshetra | Special Invitee |
| 8. Prof. Surinder Deswal
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 and Shri A K Singhal, Director General (Retired), C.P.W.D, could not attend the meeting.

Before the start of the deliberations, the Registrar on behalf of 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 member on B&WC of the Institute Er. Prashant Agarwal Executive Engineer (Civil), Karnal Central Division, CPWD, NDRI Campus, Near SBI, Karnal. 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 26.1 To confirm the minutes of 25th meeting of Building & Works Committee held on 27.05.2019.

The minutes of the 25th meeting of Building & Works Committee held on 27.05.2019 circulated amongst the members vide letter No. NIT/25th BWC/3321 dated 3.06.2019 were confirmed.

BWC 26.2 To report the action taken on the minutes of the 25th meeting of the Building & Works Committee held on 27.05.2019.

The B&WC noted the action taken on minutes of the 25th meeting of the Building & Works Committee held on 27.05.2019. The following points were discussed on the action taken report:

- **BWC 24.2 (19.2 & 16.4):** The work of Installation of HT/LT Sub-station including feeder pillar in residential area has already been commissioned and put to use in manual mode and installation of the metering software is pending being the case is under arbitration. However, the Executive Engineer (Elect.) apprised the committee that the decision of arbitrator in the case is still awaited as the Hon'ble Court has given extension to arbitrator in this case upto 17th May, 2020. The detailed report will be submitted by the CPWD upto 31st May, 2020.

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- **BWC 19.2 (16.11):** The work of replacement of existing electrical wiring in instructional building is completed and put to use. The old and new inventory has been received except that of the old Administrative Block. The Executive Engineer (Elect.), CPWD committed that the old inventory/fixtures of Old Administrative Block, will be submitted before 31st March 2020 alongwith final utilization certificate and a copy of final bill so that the balance payment may be released.
- **BWC. 21.4:** The work of 300 seater multi-purpose boys hostel is completed and handed over to the Chief Warden (Boys). However, final utilization certificate along with a copy of final bill from Executive Engineer (Elect.) and (Civil) CPWD is awaited. After detailed deliberations the Executive Engineer (Elect.) and (Civil) committed that the final bill is under scrutiny and will be submitted up to 15th March 2020.
- **BWC 22.10:** The matter regarding the work of installation of lifts at various locations in the Academic Buildings and Hostels was discussed in detail. In this regard Prof. I/C (E&C) apprised the Committee that the work of Installation of lifts in Old MBA Block/New Workshop Building (Centre of Excellence) is in progress and provision of installation of lifts has been included in the work of Additional floor over the MBA/MCA Block is in process.
Further, Hon'ble Chairman (B&WC) desired that the officials of CPWD, Civil and Electrical, in consultation with AE(Civil) and AE(Elect) visit all remaining Academic and Hostel Buildings where the lifts are required as per guidelines and space, standards for barrier free build environment for disabled and elderly persons and work out the details regarding the requirement of installation of lifts alongwith the check lists as per the Government of India norms for the persons with disabilities (PwD). The CPWD will submit the feasibility and cost estimate of the above work at the earliest.
- **BWC 23.10:** The Building & Works Committee noted the action taken of FC & BOG that "The Finance Committee recommended to the Board that the powers may be delegated to the Institute Building & Works Committee for approving minor works and for works pertaining to repair and maintenance within the quantum of expenditure upto 50 lacs per work (excluding



applicable taxes duly following the procedures mentioned in GFR 2017”.

- **BWC 24.3** The work for the provision of additional floor by providing Pre-fab construction with the provision of air-conditioning, lifts and staircase etc. over the Old MBA/ New Workshop Building and special repairs & maintenance for ground floor and first floor is in progress. The Executive Engineer (Civil) apprised that the Civil work of lift block and staircase is held up due to CNC machine has not been reached at site till date. It was informed that the CNC machine will reach at site on 28th February, 2020. The Executive Engineer, Civil & Elect., CPWD committed that the work will be completed upto 15th April, 2020. Further, it was resolved that the Faculty I/C (EM&T) and AE(Elect.) will discuss the electrical requirements for pre-fab construction at 2nd floor with the Dean(P&D), Prof. I/C (E&C) and Registrar and the same be sent to CPWD within a week.
- **BWC 24.4.** The matter was discussed in detail. The Executive Engineer (Civil), CPWD apprised that the preparation of detailed cost estimate and DNIT of this work is in process and the tender will be called shortly.
- **BWC 24.5** The Senior Architect, CPWD, Chandigarh visited the Institute Campus on 10.01.2020 regarding Institute Master Layout Plan and a meeting was held with NIT, authority. Thereafter, the requirement for the proposed construction of new buildings and demolition of old buildings were conveyed to Senior Architect, CPWD vide letter no. CC/3487/67/719 dated 31.01.2020 regarding incorporation of Master Layout Plan for proposed and demolition of buildings. In this regard, the Senior Architect, CPWD intimated through e-mail dated 25.02.2020 that the draft proposed and demolition plan has been incorporated in the Institute Master Layout Plan. After detail deliberations the committee resolved that the date for the presentation of the Master Lay out Plan of the Institute may be fixed at the earliest.
- **BWC 25.3** The renovation work of Labs of Chemistry, Physics and H&SS departments has been completed. Further, the revised requirement for remaining work in the various Departments in consultation with the HoDs have been received and sent to the CPWD for the revised cost estimate as per DSR-2018.
- **BWC 25.4** A separate agenda vide item no. 26.3 is placed in this meeting regarding the provision of internal & external finishing i.e distempering &



painting including minor and major repair in the Boy's Hostel No. 4, 5 & 6. Further, the revised cost estimate for the provision of internal & external finishing i.e. distempering & painting including minor and major repair in the Boy's Hostels 1 to 3 and 7 to 10, Girls Hostel 1 to 4 and Staff Quarters. Including BT/CT is awaited from CPWD as per DSR-2018.

- **BWC 25.10** To consider & approve the Cost Estimate for the construction of Lawn Tennis Court including widening and repair of existing Lawn Tennis Court in the Sports Complex. The revised detailed cost estimate as per DSR-2018 is awaited from CPWD.
- **BWC 25.11** To consider and approve the cost estimate for Water Proofing Treatment of Cafeteria in Open Air Theatre at NIT, Kurukshetra. The revised detailed cost estimate as per DSR-2018 is awaited from CPWD.
- **BWC 25.12** The A/A & E/S for the repair work including Civil, Electrical and Audio System works in the Jubilee Hall & Senate Hall was conveyed to CPWD. Further a separate agenda vide item no. 26.13 is placed in this meeting. It is also intimated that the revised cost estimate as per DSR-2018 for renovation/up-gradation of Jubilee Hall including Civil, Electrical, Audio System and furniture works is awaited from the CPWD.
- **BWC 25.13** The work of Construction of Indoor Badminton Hall is in progress and will be completed upto 31st march 2020.

BWC 26.3 To consider and approve the Revised Detailed Cost Estimate for the provision of internal & external finishing i.e distempering & painting including minor and major repair in the Boy's Hostel No. 4, 5 & 6.

The Committee was apprised that the detailed cost estimate of Rs.1,27,37,930/- of this work was already approved by Building & Works Committee and subsequently by FC & BOG vide item Nos. BWC 25.4, FC 41.4 & BOG 50th meeting respectively was based on DSR 2016. The revised cost estimate enhanced on finishing items from the original estimates due to switching over to DSR-2018 from DSR-2016, provision of statutory taxes and contingencies and provision of repairs to building which was not taken in the previous estimate. Accordingly, the Superintending Engineer, Civil, CPWD submitted the revised detailed cost estimate based on DSR-2018 vide letter No. NIT-KKR/SE/Karnal/2020/93 dated 23.01.2020 is of Rs. 2,91,26,500/-. After detailed deliberation and considering the above stated facts, the Building



& Works Committee approved the revised detailed cost estimate with an amount of Rs. 2,91,26,500/- for the provision of internal & external finishing i.e distempering & painting including minor and major repair in the Boys Hostel No. 4, 5 & 6.

BWC 26.4 To consider and approve the Revised Cost Estimate for construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture Hall Complex and MBA/MCA building.

The Committee was apprised that the detailed cost estimate of Rs. 74,13,100/- of this work was already approved by Building & Works Committee and subsequently by FC & BOG vide item Nos. BWC 25.5, FC 41.4 & BOG 50th meeting respectively was based on PAR 2012. The revised cost estimate enhanced due to switching over to PAR-2019 from PAR-2012. Accordingly, the Executive Engineer, Civil, CPWD submitted the revised detailed cost estimate based on PAR-2019 vide letter No.20(NITK)PS/KC/2020/164 dated 20.01.2020 is of Rs. 88,42,400/-. After detailed deliberation and considering the above stated facts, the Building & Works Committee approved the revised cost estimate with an amount of Rs. 88,42,400/- for construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture Hall Complex and MBA/MCA building.

BWC 26.5 To consider and approve the Revised Detailed Cost Estimate for strengthening of existing Cement concrete pavement/road from North East corner of CCN to Junction between Cauvery Hostel & MBA/MCA department and road between Jubilee Hall & Library including arrangement of drainage of storm water.

The Committee was apprised that the detailed cost estimate of Rs. 87,13,400/- of this work was already approved by Building & Works Committee and subsequently by FC & BOG vide item Nos. BWC 25.7, FC 41.4 & BOG 50th meeting respectively was based on DSR-2016. The revised cost estimate enhanced due to switching over to DSR-2018 from DSR-2016. Accordingly, the Superintending Engineer, Civil, CPWD submitted the revised detailed cost estimate based on DSR-2018 vide letter NIT-KKR/SE/Karnal/2020/91 dated 23.01.2020 is of Rs. 1,04,33,700/-. After detailed deliberation and considering the above stated facts, the Building & Works Committee approved the revised detailed cost estimate with an amount of Rs. 1,04,33,700/- for strengthening of existing Cement concrete pavement/road from North East corner of CCN to



Junction between Cauvery Hostel & MBA/MCA department and road between Jubilee Hall & Library including arrangement of drainage of storm water.

BWC 26.6 To consider and approve the Revised Detailed Cost Estimate for re-carpeting of various roads in the Institutional and Hostel areas.

The Committee was apprised that the detailed cost estimate of Rs. 1,11,15,900/- of this work was already approved by Building & Works Committee and subsequently by FC & BOG vide item Nos. BWC 25.8, FC 41.4 & BOG 50th meeting respectively was based on DSR-2016. The revised cost estimate enhanced due to switching over to DSR-2018 from DSR-2016. Accordingly, the Superintending Engineer, Civil, CPWD submitted the revised detailed cost estimate based on DSR-2018 vide letter NIT-KKR/SE/Karnal/2020/90 dated 23.01.2020 is of Rs. 1,54,23,200/-. After detailed deliberation and considering the above stated facts, the Building & Works Committee approved the revised detailed cost estimate with an amount of Rs. 1,54,23,200/- for re-carpeting of various roads in the Institutional and Hostel areas.

BWC 26.7 To consider and approve the Revised Detailed Cost Estimate for widening of various roads in the Institute.

- i) Road from Apollo Canteen to Security Check Post between Hostel No.7 & 8 along with the provision of footpath as per site requirement.
- ii) Road from Tubewell No. 5 to Junction near disposal pump along with the provision of footpath as per site requirement.
- iii) Road from junction near disposal pump to North West corner of Guest House at NIT, Kurukshetra.

The Committee was apprised that the detailed cost estimate of Rs. 2,22,99,500/- of this work was already approved by Building & Works Committee and subsequently by FC & BOG vide item Nos. BWC 25.9, FC 41.4 & BOG 50th meeting respectively was based on DSR-2016. The revised cost estimate enhanced due to switching over to DSR-2018 from DSR-2016. Accordingly, the Superintending Engineer, Civil, CPWD submitted the revised detailed cost estimate based on DSR-2018 vide letter NIT-KKR/SE/Karnal/2020/92 dated 23.01.2020 is of Rs. 2,87,23,400/-. After detailed deliberation and considering the above stated facts, the Building & Works Committee approved the revised detailed cost estimate with an amount of Rs. 2,87,23,400/- for widening of various roads in the Institute. i.e. (i) Road from Apollo Canteen to Security Check Post between Hostel No.7 & 8 along with the provision of footpath as



per site requirement. (ii) Road from Tubewell No. 5 to Junction near disposal pump along with the provision of footpath as per site requirement. (iii) Road from junction near disposal pump to North West corner of Guest House at NIT, Kurukshetra.

BWC 26.8 To consider and approve the Preliminary Cost Estimate for finish floor tiles in the common room, dinning hall, warden office and MMCA office in the old Boys Hostel No.(1-6) and Girls Hostel No. 1.

The Building and Works Committee deliberated on the matter and approved the Preliminary cost estimate with an amount of Rs. 58,67,900/- for providing and fixing of finish floor tiles in the common room, dinning hall, warden office and MMCA office in the old Boys Hostel No.(1-6) and Girls Hostel No. 1.

BWC 26.9 To consider and approve the Preliminary cum Detailed Cost Estimate for the provision of access to Golden Jubilee Administrative Building by providing a gate & parking shed for two wheelers along the inside boundary wall towards west

The Building and Works Committee deliberated on the matter and approved the Preliminary cum detailed cost estimate with an amount of Rs. 25,32,000/- for the provision of access to Golden Jubilee Administrative Building by providing a gate & parking shed for two wheelers along the inside boundary wall towards west.

BWC 26.10 To consider and approve the Preliminary Cost Estimate for the provision of shed for parking only for four wheelers in the existing parking near NIT Market Complex.

The Building and Works Committee deliberated on the matter and approved the Preliminary cost estimate with an amount of Rs. 56,03,300/- for the provision of shed for parking only for four wheelers in the existing parking near NIT Market Complex.

BWC 26.11 To consider and approve the Preliminary Cost Estimate for the provision of two nos. sheds near Main Porch in Golden Jubilee Administrative Building.

The Building and Works Committee deliberated on the matter and approved the Preliminary cost estimate with an amount of Rs. Rs. 19,95,500/- for the provision of two nos. sheds near Main Porch in Golden Jubilee Administrative Building.



BWC 26.12 To consider and approve the Preliminary cum Detailed Cost Estimate for construction of paved road by providing interlocking paver blocks surrounding the Oxidation Ponds near STP.

The Building and Works Committee deliberated on the matter and approved the Preliminary cum detailed cost estimate with an amount of Rs. 87,04,500/- for construction of paved road by providing interlocking paver blocks surrounding the Oxidation Ponds near STP and provision of peripheral road along the boundary to access to maintenance staff for security point of view.

BWC 26.13 To consider and approve the Revised Cost Estimate for renovation/up-gradation of Senate Hall including Civil, Electrical, Audio System and furniture works

The Committee was apprised that the detailed cost estimate of Rs.1,48,38,420/- of this work was already approved by Building & Works Committee and subsequently by FC & BOG vide item Nos. BWC 25.12, FC 41.4 & BOG 50th meeting respectively was based on DSR 2016, PAR-2012. The revised cost estimate enhanced due to change in scope of work i.e. Uplift of the entrance and ground floor of the Senate Hall, Supply & fixing of auditorium Chair for Senate Hall, LAN points for the tables, CCTV at entrance & inside of the Senate Hall, UPS backup for Audio & Visual System which were not taken in the original estimates and switching over to DSR-2018 from DSR-2016, PAR-2019 from PAR-2012, and statutory taxes etc. Accordingly, the Executive Engineer, Civil, & Elect. CPWD submitted the revised detailed cost estimate based on DSR-2018, PAR-2019 vide letter No. 20(7)/CED/2019/100 dated 10.01.2020 and No. 20(NIT)/PS/CD/2020/261 dated 31.01.2020 is of Rs. 2,28,34,573/-. After detailed deliberation and considering the above stated facts, the Building & Works Committee approved the revised detailed cost estimate with an amount of Rs. 2,28,34,573/- for renovation/up-gradation of Senate Hall including Civil, Electrical, Audio System and furniture works.

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