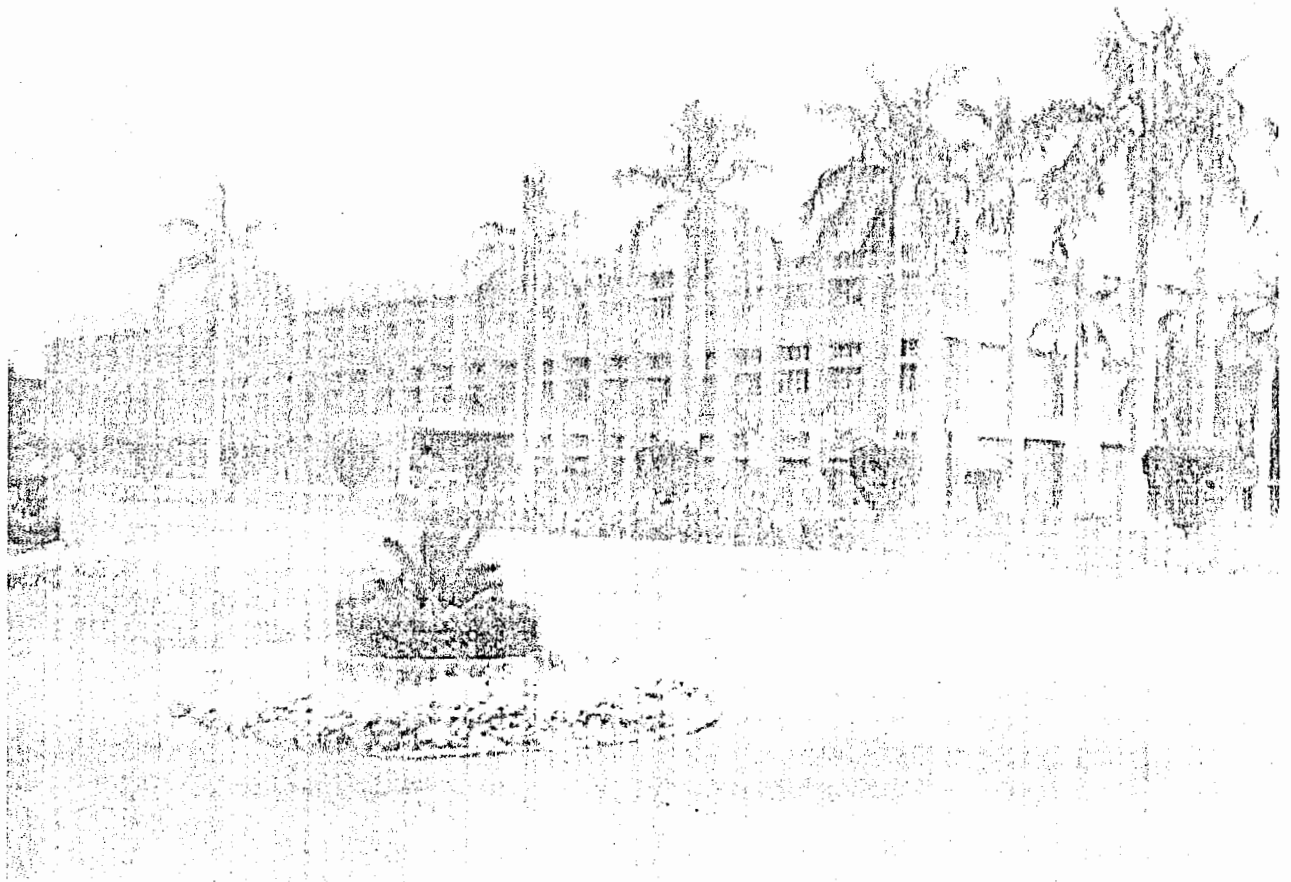


**MINUTES OF 16th
MEETING OF BUILDING &
WORKS COMMITTEE
NOVEMBER 19, 2012**



**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

Minutes of the 16th meeting of the Building & Works Committee, National Institute of Technology, Kurukshetra held on 19th November, 2012 at 11.30 AM in the Board Room of Golden Jubilee Administrative Building of the Institute.

The following were present:

- | | | |
|----|---|-----------------|
| 1. | Prof. Anand Mohan
Director,
National Institute of Technology
Kurukshetra | Chairman |
| 2. | Prof. V.K. Arora
Dean (Planning & Development)
National Institute of Technology,
Kurukshetra | Member |
| 3. | Er. Surendar Singh
Superintending Engineer (Elect.),
Chandigarh Electrical Central Circle, CPWD,
Chandigarh. | Member |
| 4. | Er. Iqbal Singh
Executive Engineering (Civil)
Karnal Central Division, CPWD,
Karnal | Member |
| 5. | Prof. K.K. Singh
Dean (Estate),
National Institute of Technology,
Kurukshetra | Special Invitee |
| 7. | Prof. Ashwani Jain
Prof. In-charge (Estate & Construction),
National Institute of Technology,
Kurukshetra. | Special Invitee |
| 8. | Dr. Ashwani Kumar
Prof. In-charge (Elect. Mtc.),
National Institute of Technology,
Kurukshetra. | Special Invitee |

- | | | |
|-----|---|------------------|
| 9. | Er. A.L. Kamboj
Executive Engineer (Construction Cell),
National Institute of Technology,
Kurukshetra. | Special Invitee |
| 10. | Er. S.N. Kaushik
Asstt. Engineer (Civil)
National Institute of Technology,
Kurukshetra. | Special Invitee |
| 11. | Sh. G. R. Samantaray
Registrar In-charge
National Institute of Technology,
Kurukshetra. | Member-Secretary |

The nominee of the MHRD 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. Chairman, B&WC extended warm welcome to new members Er. Surender Singh and Er. Iqbal Singh from CPWD and expressed that with their vast experience they shall make meaningful contribution to the Committee. He also placed on record his appreciation for the outgoing members Er. Niranjan Singh and Er. Vimal Kumar.

The Building & Works Committee took the following decisions:

16.1 To confirm the minutes of 15th meeting of the Building & Works Committee held on 19.12.2011.

The minutes of 15th meeting of Building & Works Committee held on 19.12.2011 as circulated amongst the members vide letter No. NIT/15th BWC/324 dated 16.01.2012 were confirmed.

16.2 To report the action taken on the minutes of the 15th meeting of the Building & Works Committee held on 19.12.2011.

The Building & Works Committee noted the action taken on the minutes of the 15th meeting of the Building & Works Committee held on 19.12.2011.

The members observed that the action taken on many agenda items of various construction works in the minutes of the 15th meeting of the Building & Works Committee held on 19.12.2011 is written as "the work likely to be allotted to CPWD", and the works should already have been allotted since the meeting was held one year ago. Dean Estate explained that there were procedural delay in allotment of works and also the MoU signed with the CPWD is being updated incorporating clauses for timely completion of works. The matter was discussed in detail and it was observed that the delay in allocation of works is on part of the institute and

there is need to find out ways to minimize delays in allotment of works with improvement in laid down procedure, if required. The Building & Works Committee was of the view that the delay in allotment of works should be avoided in future.

16.3 To consider & Approve the Revised Cost Estimate for construction of Administrative Block at NIT, Kurukshetra.

The Building & Works Committee approved the revised cost estimate of Rs. 855.34 lacs for construction of New Administrative Block. The increase in the revised estimated cost is due to:

1. increase in plinth area of the Administrative Building from 3925 sqm. to 4552 sqm. This is due to the reason that CPWD executes works on plinth area basis whereas Institute Architect/Consultant has worked out carpet area instead of plinth area as per architectural drawings.
2. increase in weight of the trusses due to revision of structural drawings of trusses, providing of "arm strong & aluminum sheet" type false ceiling and earthen pivot tiles on floor, and additional provisions of S.I.T.C. of 500 kVA outdoor type Sub-Station equipment, hot & cold cassette type Air Conditioners, S.I.T.C. of 320 kVA D.G. Power Set etc. executed during construction.

16.4 To consider & approve the revised cost estimate for Providing & Installation of Electrical Sub-Station HT/LT Distribution including Street Lightening & Feeder Pillar etc. in Non-Residential area at NIT, Kurukshetra.

The Building & Works Committee approved the revised cost estimate of Rs. 724.90 lacs for Providing & Installation of Electrical Sub-Station HT/LT Distribution including Street Lightening & Feeder Pillar etc. in Non-Residential area. The increase in the revised estimated cost is due to:

1. Increased feeder pillars, increase in load of the various buildings, rating & capacity of cable and switch gears.
2. Additional works like providing HT supply to Mega Boys Hostel & Administrative Block, providing HT service/Bulk supply connection from 33 kVA Sub-Station, UHBVN to metering room near main gate on Kirmich Road executed during construction.

16.5 To consider & approve the Revised Cost Estimate for construction of Convocation Hall (3000 capacity) at NIT, Kurukshetra.

The item was approved in the 8th meeting of B & WC vide Agenda Item No.8.9 held on dated 28.05.2007 for an amount of Rs.550.00 lacs. The work could not be under-taken due to other priority works by the Institute. Chief Engineer, CPWD has submitted a revised cost estimate for the work for an amount of Rs. 6800.00 lacs. Increase in cost is due to cost escalation during the period, and increase in plinth area to cater to increased strength of students and on account of additional facilities provided in revised cost estimate.

The Building & Works Committee approved the revised cost estimate of Rs. 6800.00 lacs for construction of Convocation Hall (3000 capacity).

16.6 To consider & approve the Revised Cost Estimate for construction of Community Hall at NIT, Kurukshetra.

The work was approved in the 1st meeting of B & WC vide agenda item No.1.9 held on 08.11.2002 for an amount of Rs. 64.15 lacs. The work could not be under-taken due to other priority works by the Institute. Chief Engineer, CPWD has submitted a revised cost estimate for the above work for an amount of Rs. 715.32 lacs. Increase in cost is due to cost escalation during the period, and increase in plinth area to cater to increased strength of students and on account of additional facilities provided in revised cost estimate.

The B&WC was of the view that provision of CCTV surveillance should also be made in the building. The Building & Works Committee authorized Chairman, B & WC for approval of the revised cost estimate resubmitted by CPWD for the construction of Community Hall.

16.7 To consider & approve the Revised Cost Estimate for construction of Gymnasium/Badminton Hall at NIT, Kurukshetra.

The work was approved in the 6th meeting of B & WC vide agenda item No.6.11 held on 24.04.2006 for an amount of Rs. 40.02 lacs. The work could not be under-taken due to other priority works by the Institute. Chief Engineer, CPWD has submitted a revised cost estimate for the above work for an amount of Rs. 532.88 lacs. Increase in cost is due to cost escalation during the period, and increase in plinth area to cater to increased strength of students and on account of additional facilities provided in revised cost estimate.

The Building & Works Committee approved the revised cost estimate of Rs. 532.88 lacs for construction of Gymnasium/Badminton Hall at NIT, Kurukshetra.

- 16.8 To consider & approve the Cost Estimate for Provision of Aviation Light & Lightning conductor in the Mega Boys Hostel (1000 capacity) at NIT, Kurukshetra.**

The Building & Works Committee approved the Cost Estimate of Rs.22.55 lacs for provision of Aviation Light & Lightning conductor in the Mega Boys Hostel (1000 capacity) at NIT, Kurukshetra.

- 16.9 To consider & approve the Cost Estimate for construction of underground static water tank of 1.5 lacs liter capacity for fire-fighting purpose in Mega Boys hostel at NIT, Kurukshetra.**

The Superintending Engineer (Electrical) CPWD explained during the discussion that there is no necessity of constructing underground static water tank of 1.5 lacs litre capacity as per National Building Code (NBC) for fire-fighting purpose in the Mega Boys Hostel (1000 capacity) at NIT, Kurukshetra. Therefore, specific observation should be taken for requirement of underground water tank from fire department of Kurukshetra as there could be some local administration level safety standards. Further, it was desired that after seeking clarification in the matter, the CPWD may be consulted and in case of differing observation and if required, revised cost estimate be submitted for approval of the Chairman B&WC for execution of the work. The same be reported in next B&WC meeting.

- 16.10 To consider & approve the Cost Estimate for replacement of existing LT Panels with MCCB's/MCB's in the Institute at NIT, Kurukshetra.**

The Building & Works Committee approved the Cost Estimate of Rs. 43.62 lacs for replacement of existing LT Panels with MCCB's/MCB's in the all Institutional buildings & hostels.

- 16.11 To consider and approve the Cost Estimate for Replacement of existing Electrical wirings in instructional building at NIT, Kurukshetra.**

Superintending Engineer, CPWD has submitted the following cost estimates.

- (i) Replacement/rewiring of AI Wiring with copper wiring in Electrical Engineering Department for an amount of Rs. 1,42,72,401/-.
- (ii) Replacement/rewiring of AI Wiring with copper wiring in old Admn. Block for an amount of Rs. 1,40,22,008/
- (iii) Replacement/rewiring of AI Wiring with copper wiring in Examination Cell, Mechanical Engineering Department & Civil Engineering Department for an amount of Rs. 1,10,17,292/-

- (iv) Replacement/rewiring of AI Wiring with copper wiring in Electronics & Communication, CCN Department & Exam Hall for an amount of Rs. 1,62,75,545/-

The Building & Works Committee approved the cost estimate for the above cited works for an amount of Rs. 142.72, 140.22, 110.17 and 162.76 lacs respectively.

Further, it was resolved that an institute level survey be done to assess requirement of replacement of electrical wiring in left out portion of instructional buildings (library etc.), and hostels (both boys and girls) and cost estimates be placed before Chairman B&WC who was authorized for approval of the cost estimate.

16.12 To consider and approve the Cost Estimate for Provision of staircase in BA, BB, BC, CA, CB & CC Type residential houses in campus to facilitate the maintenance works at roof top at NIT, Kurukshetra.

The Building & Works Committee resolved that the above agenda item be suitably revised to provide cost estimate for double storey buildings only. The agenda for the same be placed in the next B&WC meeting for consideration.

16.13 To consider and approve the Cost Estimate for Extension of existing connecting corridor upto MBA/ MCA and LHC-Block in the Instructional Buildings at NIT, Kurukshetra.

The Building & Works Committee deferred the Cost Estimate for extension of existing connecting corridor up to MBA/MCA and LHC-Block at the cost of Rs. 29.26 lacs and desired that the agenda item be suitably revised and placed in the next B&WC meeting for consideration.

16.14 To consider & approve the Cost Estimate for Provision of DG power backup at various locations in the Institute covering instructional buildings and related facilities at NIT, Kurukshetra.

The Building & Works Committee approved the Cost Estimate of Rs. 241.83 lacs for provision of DG power backup at various locations in the Institute covering instructional building and related facilities at NIT, Kurukshetra.

16.15 To consider and approve the cost estimate for Provision of DG power backup in boys & girls hostels at NIT, Kurukshetra.

The Building & Works Committee approved the cost estimate of Rs. 230.44 and 89.74 lacs respectively for providing of DG power backup in boys & girls hostels at NIT, Kurukshetra.

16.16 To consider & approve the Cost Estimate for covering of Newly Constructed Graded seating arrangement for 2000 persons in Open Air Theatre at NIT, Kurukshetra.

The Building & Works Committee approved the Cost Estimate of Rs. 305.60 lacs for covering of Newly Constructed Graded seating arrangement for 2000 persons in Open Air Theatre at NIT, Kurukshetra.

16.17 To consider & approve the Cost Estimate for Provision of lifts for persons with disabilities (PwD) at various locations in the Institute.

The Building & Works Committee approved the Cost Estimate of Rs. 262.87 lacs for Provision of lifts for persons with disabilities (PwD) at various locations in the Institute.

Further, it was resolved that an agenda item be brought in the next B&WC meeting for consideration for the provision of lifts/ramps/hydraulic platform in left out areas of the instructional buildings, guest house and hostels etc.

16.18 To consider & approve the Cost Estimate for Widening & strengthening of existing roads at NIT, Kurukshetra.

The Building & Works Committee deferred the above agenda item for revision of cost estimate so as to include the expenditure for shifting of electric poles to the central verge of roads on proposed divider.

16.19 To consider & approve the cost estimate for Construction of multi-storey building for four schools for PG Study & Research at NIT, Kurukshetra.

The Building & Works Committee resolved that the above agenda item be deferred till the next meeting of B&WC so as to place a revised cost estimate which excludes provision of basement.

It was also resolved that the next meeting of B&WC be held in first fortnight of February, 2013.

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

Registrar(Incharge) & Member-Secretary
Building & Works Committee,
NIT, Kurukshetra

Authenticated

Director, NITK & Chairman,
Building & Works Committee,
NIT, Kurukshetra