



**AGENDA FOR 20th
MEETING OF BUILDING &
WORKS COMMITTEE
JANUARY 06, 2015**



**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

AGENDA FOR 20th MEETING OF BUILDING & WORKS COMMITTEE

**VENUE : "Private Dinning Hall",
India International Centre,
40 Max Mueller Marg,
New Delhi.**

DAY : TUESDAY

DATE : 06.1.2015

TIME : 09.30 AM TO 10.30 AM

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA**

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CONSTITUTION OF BUILDING AND WORKS COMMITTEE

- | | | |
|-----|--|-------------------------|
| 1. | Prof. Anand Mohan
Director,
National Institute of Technology,
Kurukshetra | Chairman |
| 2. | Nominee of the Central Government
On the B & WC of the Institute,
(to be nominated by the MHRD)
Through
Director (NITs),
Deptt. of Higher Education,
M.H.R.D., Shastri Bhawan,
New Delhi-110001 | Member |
| 3. | Shri K N Rai
Former Chief Executive & Advisor,
Ministry of Defence (DRDO)
C-4, 4112, Vasant Kunj
New Delhi | Member |
| 4. | Prof. V.K. Sehgal
Dean (Planning & Development)
National Institute of Technology,
Kurukshetra | Member |
| 5. | Er. R.K. Sao
Superintending Engineer (Electrical),
Chandigarh Electrical Central Circle, CPWD,
Chandigarh | Member |
| 6. | Er. Mahender Pal Singh
Superintending Engineer,
Chandigarh Central Circle,
CPWD, 2 nd Floor, Kendriya Sadan
Sector-9A,
Chandigarh | Member |
| 7. | Prof. K.K. Singh
Dean (Estate)
National Institute of Technology,
Kurukshetra | Special Invitee |
| 8. | Prof. Arun Goel
Prof. in-charge (Estate & Construction),
National Institute of Technology,
Kurukshetra | Special Invitee |
| 9. | Prof. Saurabh Chanana
Prof- in- Charge (Elect. Mtc)
National Institute of Technology,
Kurukshetra | Special Invitee |
| 10. | Er. S.N. Kaushik,
Assistant Engineer (Civil)
National Institute of Technology,
Kurukshetra | Special Invitee |
| 11. | Dr. Shyam Narayan
Registrar
National Institute of Technology,
Kurukshetra | Member-Secretary |

Item 20.1 To confirm the minutes of 19th meeting of Building & Works Committee held on 11.9.2014.

The minutes of the 19th meeting of Building & Works Committee held on 11.9.2014 were circulated amongst the members vide letter No.NIT/19th BWC/6383 dated 17.9.2014. No comments were received from any member. The minutes are enclosed as Annexure -1 from page 2 to 10

The minutes may be confirmed.



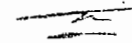
**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

Minutes of the 19th meeting of Building and Works Committee held on 11.09.2014 at 11.00 am in the Board Room, Golden Jubilee Administrative Building, National Institute of Technology, Kurukshetra

The following were present:

- | | | |
|----|---|-------------------------|
| 1. | Prof. Anand Mohan
Director
National Institute of Technology
Kurukshetra | Chairman |
| 2. | Prof. V.K. Sehgal
Dean (Planning & Development)
National Institute of Technology
Kurukshetra | Member |
| 3. | Er. R K Sao
Superintending Engineer (Electrical)
Chandigarh Electrical Central Circle, CPWD
Chandigarh | Member |
| 4. | Er. Mahender Pal Singh
Superintending Engineer (Civil)
Chandigarh Central Circle, CPWD
2 nd Floor, Kendriya Sadan
Sector 9A, Chandigarh | Member |
| 5. | Prof. K.K. Singh
Dean (Estate)
National Institute of Technology
Kurukshetra | Special Invitee |
| 6. | Prof. Ashwani Jain
Prof. in-charge (Estate & Construction)
National Institute of Technology
Kurukshetra | Special Invitee |
| 7. | Dr. Ashwani Kumar
Prof- in- Charge (Elect. Mtc)
National Institute of Technology
Kurukshetra | Special Invitee |
| 8. | Er. S.N. Kaushik,
Assistant Engineer (Civil)
National Institute of Technology
Kurukshetra | Special Invitee |
| 9. | Dr. Shyam Narayan
Registrar
National Institute of Technology
Kurukshetra | Member-Secretary |

The Nominee of MHRD could not attend the meeting.




 17/9/14

Before the start of deliberations, the Chairman, B&WC welcomed all the members present in the meeting. He desired that meetings of B&WC should be held regularly so that the progress of works is reviewed periodically and necessary modifications could be done in the course of action depending on the need without causing any delay to the execution of projects. He also informed that BOG and FC of the institute is of view that only works of priority should be approved by B&WC considering the cash flow of the financial year. The Chairman, B&WC desired that agenda for the meetings must be prepared and circulated to all the members well in advance as per stipulated time under the rules so that they get sufficient time to go through the agenda items and contribute effectively. The Chairman, B&WC observed that one of the members of the committee has to be nominated by the Board of Governors. He requested the Registrar to place an agenda item for the same in the ensuing meeting of the BOG. Thereafter, the Chairman, B&WC handed over the proceedings to Dean (Estate) who extended a warm welcome to the new member Er. Mahender Pal Singh, Superintending Engineer (Civil), CPWD, Chandigarh. The Building & Works Committee decided on the following:

Item No.19.1 To confirm the minutes of 18th meeting of the Building & Works Committee held on 9.12.2013

While discussing confirmation of minutes of 18th meeting of B&WC, Professor Incharge (EM) raised the issue of damage to HT/LT electrical cables during digging process for various works by the contractors working under the Civil Wing of CPWD. It has frequently resulted in power breakdown in the institute leading to academic loss, and even unrest in the students. Telephone lines and internet cables are also damaged. The members felt that there should be better coordination between Civil and Electrical wings of CPWD during execution of works. Superintending Engineer (Civil), CPWD, assured that henceforth, approval will be taken from the electrical wing of CPWD and institute authorities before starting any excavation work. He also assured that in future, contract agreements will lay down terms and conditions that include a clause that any damage/loss to the institute property will follow a penalty of Rs. One lakh on the contractor. The contractor will also be asked to repair any damage caused at genuine cost within 48 hours. SE (Civil), CPWD was also

requested to depute adequate regular staff for supervision of various works taken up by the CPWD in the institute.

The minutes of 18th meeting of Building & Works Committee held on 9.12.2013 as circulated amongst the members vide letter No.NIT/18th BWC/284 dated 22.1.2014 were confirmed with the above observation.

Item No. 19.2 To report the action taken on the minutes of the 18th meeting of the Building & Works Committee held on 9.12.2013

The B&WC noted the action taken on the minutes of the 18th meeting of the Building & Works Committee held on 9.12.2013.

While noting the action taken report on various decisions taken in 18th meeting, the following points came under discussion.

Under item 18.2, actions taken on decisions of 16th meeting:

- Under item 16.4, CPWD was requested to rectify all kinds of defects of HT/LT work viz. non-functional lights & network cable repair/ replacement within fifteen days and hand over this work to Institute by September 30, 2014 along with all pending documents.
- The cost estimate for convention centre has not been requested from CPWD being a low priority item as decided by Estate Affairs Committee (EAC) and hence could not become part of agenda for the meeting.
- Under 16.8, for the work of aviation lights and lightening conductor in Mega Boys Hostel for which A/A and E/S has already been conveyed, Superintending Engineer (Electrical), CPWD assured that work would be completed within 15 days.
- Under item 16.9 for underground water tank for firefighting purpose for Mega Boys Hostel, the CPWD has been intimated to take the work under the project of 600-seater Girls hostel. Superintending Engineer (Electrical), CPWD assured that a comprehensive proposal for firefighting work for all the buildings of the institute would also be submitted by 30th November 2014. The same would be incorporated in master plan also.
- Under items 16.10 and 16.11 for work of replacement of existing LT panels with MCCB's/MCB's in the institute, A/A and E/S has already been conveyed to the CPWD. In response to the communication received from SE(E), CPWD, EAC will take a policy decision on the matter of

switching from existing lighting fixtures to LED lights, and their cost of replacement, availability of components in market and illumination level in offices/class rooms. Further, as regard to replacement of fans, heavy duty fans be provided so that the decibel level of the installed fan is within acceptable limit and electronic regulators be replaced with an alternative regulator.

- Under item 16.14 and 16.15 for DG power backup for instructional buildings and hostels, for which A/A and E/S has already been conveyed, Superintending Engineer (Electrical), CPWD informed that the tender documents would be finalized within a week and the work would be completed in three months.
- Under item 16.16 for covering of graded seating arrangement of open air theatre, for which A/A and E/S has already been conveyed, Superintending Engineer (Civil), CPWD informed that the design is in advance stage. After vetting, design would be submitted for approval of the institute before starting the work.
- Under item 16.17 regarding lifts for PwD students, Superintending Engineer (Electrical), CPWD informed that there was a delay in finalizing the sites of lifts for the eight identified buildings and the same would be done immediately after the meeting in consultation with institute authorities. Thereafter, the project would be started without further delay.

Under item 18.2, actions taken on decisions of 17th meeting:

- Under item 17.6 regarding permanent and temporary huts for security personnel, it was informed that A/A and E/S would be conveyed to CPWD within 15 days after finalization of drawings by the EAC.

Under item 18.3 regarding provision of staircase in double storey faculty houses, it was informed that A/A and E/S has not been conveyed this work being a low priority item as decided by EAC.

Under item 18.7 (Tabled agenda) for the work of installation of low wattage LED lights in sports complex and other locations of the institute, Superintending Engineer (Electrical), CPWD informed that excavation work is going on and the project is likely to be completed by 10th October 2014.

Item No.19.3 To consider & approve the Cost Estimate for Construction of Additional Examination Hall at NIT, Kurukshetra

The B&WC considered the cost estimate submitted by CPWD for the work of examination hall (G+3) for an amount of Rs. 13,68,10,300/-. It was observed that provision for a DG set amounting to Rs. 25,00,000/- has been included in the cost estimate. Since a comprehensive DG power backup facility is being provided in the institute, therefore there is no need to include the same in the cost estimate. Further, there is a need to provide air-conditioning/air-cooling facility in the building. Hence, it was decided that the CPWD be requested to provide a revised cost estimate excluding provision of DG set and including provision of cost effective HVAC (Heating, ventilation, air-conditioning) facility. The Chairman, B&WC was authorized to approve the revised cost estimate, if increase in cost estimate is within 10% of the submitted estimate.

Item No. 19.4 To consider & approve the cost estimate for provision of water proofing treatment of existing terrace/mud, phaska and concreting/repair of parapet, coping, and balconies and plastering of external walls in teaching and non-teaching houses at NIT, Kurukshetra

The B&WC considered the cost estimate for the work for an amount of Rs. 2,29,78,500/- and observed that for maintenance work, the estimate seems to be very high. The item was deferred till the submission of a report for the same within two months by a committee which would include Dr. S K Madan, Professor in Civil Engineering, Professor Incharge (E&C), Asstt. Engineer (C). The committee will base its report on inputs from estate section which will carry out on-site visits to identify the type of house, details of repair work required and comprehensive cost estimate. The Chairman, B&WC was authorized to approve the revised cost estimate.

Item No. 19.5 To consider & approve the Cost Estimate for construction of Multi-storey building for four schools for PG study and research and class/tutorial room and faculty chambers at NIT Kurukshetra

The B&WC considered the issue of revision in cost estimate from Rs. 35,66,43,200/- to Rs. 122,95,32,700/- in view of the increase in the scope of work. It was pointed out that initially the proposed building was (G+3) for

[Handwritten signatures and dates]
17/9/14

four PG schools. Later, as per decision taken in 18th B&WC, in order to meet the increasing space requirements of the institute, e.g. more faculty offices, class rooms, tutorial rooms, conference rooms, seminar rooms etc. were added to the structure (now G+5). This has resulted in an increase in plinth area (which includes area of all the floors) from approx. 10,000 sqm to approx. 31,000 sqm. The B&WC approved the cost estimate for an amount of Rs. 122,95,32,700/-.

Item No. 19.6 ✓ To consider & approve the Cost Estimate for providing Concertina coil over the institute boundary for security purpose at NIT Kurukshetra

The Chairman, B&WC pointed out that in detailing of the item, it has been wrongly mentioned that Chairman BOG held a meeting with "Director and other officers". Instead, it should read "Dean (Estate) and the security expert Sh. K N Rai" and the same be corrected. The B&WC considered the issue and it was resolved that concertina coil be provided all along the periphery maintaining its height at 7 feet above the ground level. The B&WC approved the cost estimate for Rs. 53,03,000/-.

Item No. 19.7 To consider & approve the Cost Estimate for the construction of multi-storey building for faculty/officers having 40 apartments at NIT Kurukshetra

The B&WC considered and approved the cost estimate for the construction of multi-storey building for faculty (Professors/Associate Professors/Assistant Professors)/Officers having 40 apartments at NIT Kurukshetra for an amount of Rs. 26,83,62,400/- keeping in view the shortage of faculty houses.

Item No. 19.8 ✓ To consider & approve the revised Cost Estimate for extension of existing connecting corridor upto MBA/MCA and LHC block in the Instructional Building at NIT Kurukshetra

The B&WC deliberated on the matter and observed that the cost estimate has increased from Rs. 29.26 lakh to Rs. 64,79,500/- with the increase in area due to additional scope of work in the form of a big hall and two extra wide corridors in front of LHC block and MBA/MCA block as decided in previous B&WC

17/9/17

meeting. Therefore, the B&WC approved the revised cost estimate for Rs. 64,79,500/-.

Item No. 19.9 To consider & approve the Cost Estimate for the provision of vitrified floor tiles in office chambers, class rooms and laboratories of various departments in the institute and Chemistry Deptt., Room no. E-222, class rooms and labs in Electrical Engg. Department at NIT Kurukshetra

Members observed that the matter has not been recommended by the Estate Affairs Committee. Therefore, it was resolved that the same be referred to EAC for its decision in the matter before bringing it as an agenda item to B&WC.

Item No. 19.10 To consider & approve the revised Cost Estimate for providing audio system in Board Room, Golden Jubilee Administrative Building including Jubilee Hall & Senate Hall at NIT Kurukshetra

The B&WC deliberated on the matter where Professor Incharge (EM) apprised that the existing audio systems in the Senate and Jubilee Halls are not functioning properly and have outlived their utility. These require periodic repair and maintenance and despite that they have become unreliable. Therefore, audio systems need to be replaced/upgraded. Further, the Board Room of Golden Jubilee Administrative Building does not have any audio system which creates difficulties in the conduct of official meetings.

After due deliberations on the matter, the B&WC approved the revised cost estimate amounting to Rs. 2,20,11,080/- for providing audio system in the Board Room of Golden Jubilee Administrative Building and replacement/upgradation of audio systems installed in Senate Hall and Jubilee Hall of the institute.

Item No. 19.11 To consider & approve the Cost Estimate for providing peripheral road along the external boundary wall of the institute for security and maintenance purpose at NIT Kurukshetra

The B&WC deliberated on the matter where it was pointed out by SE (E), CPWD that construction of peripheral road would increase the covered area of the institute, whereas NIT Kurukshetra needs to meet EIA (Environmental Impact Assessment) requirement of MOEF (Ministry of Environment and Forests) as it

has already exceeded the limit of paved area. In the light of above, the matter of providing peripheral road along the external boundary wall of the institute for security and maintenance purpose was approved in principle for an amount of Rs. 2,03,60,300/- pending EIA clearance from MOEF before starting the work.

Item No. 19.12 To consider & approve the cost estimate for the provision of resurfacing and widening of existing roads in residential campus and institutional area at NIT Kurukshetra

The B&WC deliberated on the matter of provision of resurfacing and widening of existing roads in residential campus and institutional area of the institute for an amount of Rs. 2,14,50,600/-. It was observed that the existing roads have adequate width and there has not been any increase in traffic as the proposed roads are mostly in residential area. Therefore, it was resolved that only resurfacing work be done. The Chairman, B&WC was authorized to approve the revised cost estimate.

Tabled Item No. 19.13 To consider & approve the cost estimate for the provision of construction of verandah for non-teaching staff club situated in F-type quarters at NIT Kurukshetra

The B&WC deliberated on the matter and approved the cost estimate for the provision of construction of verandah for non-teaching staff club situated in F-type quarters at NIT Kurukshetra for an amount of Rs. 41,47,400/- for holding various functions by the non-teaching staff.

Tabled Item No. 19.14 To consider & approve the cost estimate for provision of construction of Type-II and Type-III houses for non-teaching staff at NIT Kurukshetra

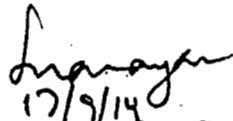
During deliberations, it was brought to the notice that number of houses for Class II and Class III employees of the institute is inadequate as compared to their sanctioned strength. Therefore, the B&WC committee approved the cost estimate for provision of construction of Type-II and Type-III houses for non-teaching staff at NIT Kurukshetra for an amount of Rs. 9,32,60,600/-. The B&WC further resolved that Non-teaching G-type quarters which were meant for Class IV employees be renovated and utilized for ad hoc faculty, research scholars, married PG students and JRFs.

Any other item:

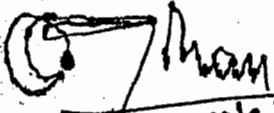
Under any other item, the matter related to solar street lights in the institute was discussed. The existing solar street lights have become unserviceable as they have outlived their utility. There have been frequent breakdowns entailing maintenance including replacement of batteries which is not proving to be cost effective. It was decided that the solar street lights be removed. It was also resolved that the solar panels be utilized by the institute for project/research work of Electronics and Communication Engg. Deptt., Electrical Engg. Deptt., Mechanical Engg. Deptt. and School of Renewable Energy & Efficiency.

Further, the B&WC resolved that a committee including Dean (P&D), Professor Incharge (EM) and SE(E), CPWD be constituted to propose viable use of renewable energy sources for reducing electricity bill of the institute.

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


17/9/14
Registrar & Member-Secretary
Building & Works Committee
NIT, Kurukshetra

Authenticated


17/9/14
Director &
Chairman, Building & Works Committee
NIT, Kurukshetra

Item No. 20.2

To report the action taken on the minutes of the 19th meeting of the Building & Works Committee held on 11.9.2014

The action taken on the minutes of the 19th meeting of the Building & Works Committee held on 11.9.2014 is as under.

Item No.	Subject	Decision taken	Action taken
19.1	To confirm the minutes of 18th meeting of the Building & Works Committee held on 9.12.2013	While discussing confirmation of minutes of 18 th meeting of B&WC, Professor Incharge (EM) raised the issue of damage to HT/LT electrical cables during digging process for various works by the contractors working under the Civil Wing of CPWD. It has frequently resulted in power breakdown in the institute leading to academic loss, and even unrest in the students. Telephone lines and internet cables are also damaged. The members felt that there should be better coordination between Civil and Electrical wings of CPWD during execution of works. Superintending Engineer (Civil), CPWD, assured that henceforth, approval will be taken from the electrical wing of CPWD and institute authorities before starting any excavation work. He also	Executive Engineer (Elect.) was informed vide letter No. CC/178 dated 22.12.2014 regarding inclusion of terms & conditions in the contract agreement as decided by the Institute.

		<p>assured that in future, contract agreements will lay down terms and conditions that include a clause that any damage/loss to the institute property will follow a penalty of Rs. One lakh on the contractor. The contractor will also be asked to repair any damage caused at genuine cost within 48 hours. SE (Civil), CPWD was also requested to depute adequate regular staff for supervision of various works taken up by the CPWD in the institute.</p> <p>The minutes of 18th meeting of Building & Works Committee held on 9.12.2013 as circulated amongst the members vide letter No.NIT/18th BWC/284 dated 22.1.2014 were confirmed with the above observation.</p>	<p>SE (Civil) was informed regarding deputation of adequate regular staff vide letter no. CC/179 dated 22.12.2014</p>
19.2	<p>To report the action taken on the minutes of the 18th meeting of the Building & Works Committee held on 9.12.2013</p>	<p>The B&WC noted the action taken on the minutes of the 18th meeting of the Building & Works Committee held on 9.12.2013.</p> <p>While noting the action taken report on various decisions taken in 18th meeting, the following points came under discussion.</p> <p>Under item 18.2, actions taken on decisions of 16th meeting:</p> <ul style="list-style-type: none"> • Under item 16.4, CPWD was requested to rectify all kinds 	<p>Latest reminder was sent to CPWD regarding</p>

		<p>of defects of HT/LT work viz. non-functional lights & network cable repair/ replacement within fifteen days and hand over this work to Institute by September 30, 2014 along with all pending documents.</p> <ul style="list-style-type: none"> • The cost estimate for convention centre has not been requested from CPWD being a low priority item as decided by Estate Affairs Committee (EAC) and hence could not become part of agenda for the meeting. • Under 16.8, for the work of aviation lights and lightening conductor in Mega Boys Hostel for which A/A and E/S has already been conveyed, Superintending Engineer (Electrical), CPWD assured that work would be completed within 15 days. • Under item 16.9 for underground water tank for firefighting purpose for Mega Boys Hostel, the CPWD has been intimated to take the work under the project of 600-seater Girls hostel. Superintending Engineer (Electrical), CPWD assured that a comprehensive proposal for 	<p>rectification of defects and handing over of the work to the Institute vide letter No.CC/3453/164/7121 dated 21.11.2014. However, the compliance is still awaited</p> <p>No action is required</p> <p>A/A & E/S has already been communicated vide letter No. CC/21/380 dated 14/23.1.2013. However, the action is still awaited.</p> <p>This work merged with the project of 600 seater Girls Hostel but no plan lay out has been received from CPWD</p> <p>Comprehensive proposal for firefighting work for entire Institute is yet to be</p>
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	<p>firefighting work for all the buildings of the institute would also be submitted by 30th November 2014. The same would be incorporated in master plan also.</p> <ul style="list-style-type: none"> Under items 16.10 and 16.11 for work of replacement of existing LT panels with MCCB's/MCB's in the institute, A/A and E/S has already been conveyed to the CPWD. In response to the communication received from SE (E), CPWD, EAC will take a policy decision on the matter of switching from existing lighting fixtures to LED lights, and their cost of replacement, availability of components in market and illumination level in offices/class rooms. Further, as regard to replacement of fans, heavy duty fans be provided so that the decibel level of the installed fan is within acceptable limit and electronic regulators be replaced with an alternative regulator. Under item 16.14 and 16.15 for DG power backup for instructional buildings and hostels, 	<p>received.</p> <p>The decision of EAC meeting held on 05.11.2014 regarding use of LED lights, replacement of old fixtures and ceiling fans was conveyed to CPWD vide letter No. CC/152/7006/ dated 11.11.2014. In response to this the work was allotted to the agency as conveyed by CPWD vide letter no. 63(4)/KCED/NITKKR/2014-15/2404, Dated 09.12.2014</p> <p>The work has been allotted to the agency as conveyed by CPWD vide</p>
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	<p>for which A/A and E/S has already been conveyed, Superintending Engineer (Electrical), CPWD informed that the tender documents would be finalized within a week and the work would be completed in three months.</p> <ul style="list-style-type: none"> • Under item 16.16 for covering of graded seating arrangement of open air theatre, for which A/A and E/S has already been conveyed, Superintending Engineer (Civil), CPWD informed that the design is in advance stage. After vetting, design would be submitted for approval of the institute before starting the work. • Under item 16.17 regarding lifts for PwD students, Superintending Engineer (Electrical), CPWD informed that there was a delay in finalizing the sites of lifts for the eight identified buildings and the same would be done immediately after the meeting in consultation with institute authorities. Thereafter, the project would be started 	<p>letter no. 63(4)/KCED/NITKKR/2014-15/2406 and no. 63(4)/KCED/NITKKR/2014-15/2407 Dated 09.12.2014</p> <p>In the review committee meeting held on 08.10.2014 under the chairmanship of Mr. K.N. Rai, it was decided that the work of covering of OAT be dropped and building for Convention Centre should take care of all requirement as envisaged by covering of OAT. The same has been placed vide agenda item no. 20.4.</p> <p>The 08 locations of installation of lifts in the various buildings were finalized on the day of meeting itself. Further action is awaited from CPWD.</p>
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		<p>without further delay.</p> <p>Under item 18.2, actions taken on decisions of 17th meeting:</p> <ul style="list-style-type: none"> Under item 17.6 regarding permanent and temporary huts for security personnel, it was informed that A/A and E/S would be conveyed to CPWD within 15 days after finalization of drawings by the EAC. <p>Under item 18.3 regarding provision of staircase in double storey faculty houses, it was informed that A/A and E/S has not been conveyed this work being a low priority item as decided by EAC.</p> <p>Under item 18.7 (Tabled agenda) for the work of installation of low wattage LED lights in sports complex and other locations of the institute, Superintending Engineer (Electrical), CPWD informed that excavation work is going on and the project is likely to be completed by 10th October 2014.</p>	<p>The work does not come in the current financial year this may be taken in the next financial year</p> <p>This work being low priority in nature will be taken up in future.</p> <p>The scope of work of providing and installation of 16/20 meter high mast light at sports ground and various other locations was modified by installation of low wattage LED flood lights at the above mentioned locations and the work is in at an advance stage.</p>
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19.3	To consider & approve the Cost Estimate for Construction of Additional Examination Hall at NIT, Kurukshetra	The B&WC considered the cost estimate submitted by CPWD for the work of examination hall (G+3) for an amount of Rs. 13,68,10,300/-. It was observed that provision for a DG set amounting to Rs. 25,00,000/- has been included in the cost estimate. Since a comprehensive DG power backup facility is being provided in the institute, therefore there is no need to include the same in the cost estimate. Further, there is a need to provide air-conditioning/air-cooling facility in the building. Hence, it was decided that the CPWD be requested to provide a revised cost estimate excluding provision of DG set and including provision of cost effective HVAC (Heating, ventilation, air-conditioning) facility. The Chairman, B&WC was authorized to approve the revised cost estimate, if increase in cost estimate is within 10% of the submitted estimate.	Executive (Civil) CPWD was reminded vide letter No. CC/176/7520 dated 19.12.2014 to submit the revised cost estimate
19.4	To consider & approve the cost estimate for provision of water proofing treatment of existing terrace/mud phaska and concreting/repair of parapet, coping, and balconies and plastering of external walls in	The B&WC considered the cost estimate for the work for an amount of Rs. 2,29,78,500/- and observed that for maintenance work, the estimate seems to be very high. The item was deferred	The review committee decided to include one more member representing CPWD apart from the other members of committee viz. Dr. S. K.

	teaching and non-teaching houses at NIT, Kurukshetra	till the submission of a report for the same within two months by a committee which would include Dr. S K Madan, Professor in Civil Engineering, Professor Incharge (E&C), Asstt. Engineer (C). The committee will base its report on inputs from estate section which will carry out on-site visits to identify the type of house, details of repair work required and comprehensive cost estimate. The Chairman, B&WC was authorized to approve the revised cost estimate.	Madan, Prof. in Civil Engineering, Professor Incharge (E&C) and Asstt. Engineer (Civil). It was further, decided that the committee should submit the report by November 15, 2014. It was also decided that the work should be taken up in two phases. In the first phase water proofing work should be completed and in the second phase all special repairs such as repair of chhajja, parapet wall, coping etc. should be taken up. The decision of review committee was communicated to the committee members vide letter No. CC/155 dated 12.11.2014. The matter is under consideration and the report of the committee is awaited.
19.5	To consider & approve the Cost Estimate for construction of Multi-storey building for four schools for PG study and research and class/ tutorial room and faculty chambers at NIT Kurukshetra	The B&WC considered the issue of revision in cost estimate from Rs. 35,66,43,200/- to Rs. 122,95,32,700/- in view of the increase in the scope of work. It was pointed out that initially the proposed building was (G+3) for	FC authorized to Hon'ble Chairman Board of Governors to approve the cost estimate on the basis of project report on the item indicating proper justification for increase in

		four PG schools. Later, as per decision taken in 18 th B&WC, in order to meet the increasing space requirements of the institute, e.g. more faculty offices, class rooms, tutorial rooms, conference rooms, seminar rooms etc. were added to the structure (now G+5). This has resulted in an increase in plinth area (which includes area of all the floors) from approx. 10,000 sqm to approx. 31,000 sqm. The B&WC approved the cost estimate for an amount of Rs. 122,95,32,700/-.	plinth area. The project report prepared by the Dean (Estate) on the basis of justifications submitted by SE (P), CPWD has been submitted to the Institute authorities and the same is under process for approval of the Hon'ble Chairman BOG.
19.6	To consider & approve the Cost Estimate for providing Concertina coil over the institute boundary for security purpose at NIT Kurukshetra	The Chairman, B&WC pointed out that in detailing of the item, it has been wrongly mentioned that Chairman BOG held a meeting with "Director and other officers". Instead, it should read "Dean (Estate) and the security expert Sh. K N Rai" and the same be corrected. The B&WC considered the issue and it was resolved that concertina coil be provided all along the periphery maintaining its height at 7 feet above the ground level. The B&WC approved the cost estimate for Rs. 53,03,000/-.	A/A & E/S is under process for allocation of work to CPWD.
19.7	To consider & approve the Cost Estimate for the construction of multi-storey building for faculty/officers having 40	The B&WC considered and approved the cost estimate for the construction of multi-storey	The Finance Committee of the Institute in its 30 meeting held on

	apartments at NIT Kurukshetra	building for faculty (Professors/ Associate Professors/ Assistant Professors)/ Officers having 40 apartments at NIT Kurukshetra for an amount of Rs. 26,83,62,400/- keeping in view the shortage of faculty houses.	19.09.2014 decided that the approved cost by B&WC be revisited as the cost of construction per sqm is on quite higher side. A letter in this regard was sent to EE (Civil), CPWD vide letter No. CC/175/7463 dated 17.12.2014.
19.8	To consider & approve the revised Cost Estimate for extension of existing connecting corridor upto MBA/MCA and LHC block in the Instructional Building at NIT Kurukshetra	The B&WC deliberated on the matter and observed that the cost estimate has increased from Rs. 29.26 lakh to Rs. 64,79,500/- with the increase in area due to additional scope of work in the form of a big hall and two extra wide corridors in front of LHC block and MBA/MCA block as decided in previous B&WC meeting. Therefore, the B&WC approved the revised cost estimate for Rs. 64,79,500/-.	The FC approved the cost estimate of the work in its 30 th meeting held on 19.09.2014. The review committee in its meeting held on 08.10.2014 decided that the width of the corridor should be maintained as per existing corridor and extra provisions be excluded to decrease the cost estimate. Accordingly revised cost estimate has been received from CPWD vide letter No. 20(142)/SPSKCD/2014/3822 dated 20.11.2014 and the A/A & E/S is in process for the approval of Chairman, B&WC.

19.9	To consider & approve the Cost Estimate for the provision of vitrified floor tiles in office chambers, class rooms and laboratories of various departments in the institute and Chemistry Deptt., Room no. E-222, class rooms and labs in Electrical Engg. Department at NIT Kurukshetra	Members observed that the matter has not been recommended by the Estate Affairs Committee. Therefore, it was resolved that the same be referred to EAC for its decision in the matter before bringing it as an agenda item to B&WC.	The matter was discussed before the EAC in its meeting held on 17.9.14 and decided that ground floor vitrified tiles may be provided if required and the work shall be handled in phases at Institute level. The requisitions from various departments are still awaited and will be placed in next EAC meeting.
19.10	To consider & approve the revised Cost Estimate for providing audio system in Board Room, Golden Jubilee Administrative Building including Jubilee Hall & Senate Hall at NIT Kurukshetra	The B&WC deliberated on the matter where Professor Incharge (EM) apprised that the existing audio systems in the Senate and Jubilee Halls are not functioning properly and have outlived their utility. These require periodic repair and maintenance and despite that they have become unreliable. Therefore, audio systems need to be replaced/upgraded. Further, the Board Room of Golden Jubilee Administrative Building does not have any audio system which creates difficulties in the conduct of official meetings. After due deliberations on the matter, the B&WC approved the revised cost estimate amounting	The FC in its 30th meeting held on 19.09.2014 authorized the Hon'ble Chairman BOG to approve the cost estimate after critically examining all essential items of all the three works ensuing that the total cost for each work does not exceed 50 lacs. In this regard, A letter has been communicated to CPWD for revised cost estimate vide letter no. CC/173/7455 dated 17.12.2014. The response is still awaited.

		to Rs. 2,20,11,080/- for providing audio system in the Board Room of Golden Jubilee Administrative Building and replacement/ upgradation of audio systems installed in Senate Hall and Jubilee Hall of the institute.	
19.11	To consider & approve the Cost Estimate for providing peripheral road along the external boundary wall of the institute for security and maintenance purpose at NIT Kurukshetra	The B&WC deliberated on the matter where it was pointed out by SE (E), CPWD that construction of peripheral road would increase the covered area of the institute, whereas NIT Kurukshetra needs to meet EIA (Environmental Impact Assessment) requirement of MOEF (Ministry of Environment and Forests) as it has already exceeded the limit of paved area. In the light of above, the matter of providing peripheral road along the external boundary wall of the institute for security and maintenance purpose was approved in principle for an amount of Rs. 2,03,60,300/- pending EIA clearance from MOEF before starting the work.	This work was discussed in 19th B&WC vide agenda item no. 19.11 and cost estimate was approved (Pl. refer minutes of 19th B&WC). The Review committee observed that the cost estimate is on higher side since specifications are quite rich. It was decided that the work be treated as patrol path and cost estimate be decreased by reducing the width and specifications of the same. The letter in this regard was sent to CPWD vide letter no. CC/180 dated 22.12.2014

19.12	To consider & approve the cost estimate for the provision of resurfacing and widening of existing roads in residential campus and institutional area at NIT Kurukshetra	The B&WC deliberated on the matter of provision of resurfacing and widening of existing roads in residential campus and institutional area of the institute for an amount of Rs. 2,14,50,600/-. It was observed that the existing roads have adequate width and there has not been any increase in traffic as the proposed roads are mostly in residential area. Therefore, it was resolved that only resurfacing work be done. The Chairman, B&WC was authorized to approve the revised cost estimate.	As per decision of the B&WC that only resurfacing work be done. Accordingly revised cost estimate for an amount of Rs. 70,30,500/- has been received from CPWD vide letter no. CCC/23(4515) N.3/3725 dated 11.12.2014 and is under process for accord of approval of Chairman, B&WC.
19.13	To consider & approve the cost estimate for the provision of construction of verandah for non-teaching staff club situated in F-type quarters at NIT Kurukshetra	The B&WC deliberated on the matter and approved the cost estimate for the provision of construction of verandah for non-teaching staff club situated in F-type quarters at NIT Kurukshetra for an amount of Rs. 41,47,400/- for holding various functions by the non-teaching staff.	The work may be taken up in future.
19.14	To consider & approve the cost estimate for provision of construction of Type-II and Type-III houses for non-teaching staff at NIT Kurukshetra	During deliberations, it was brought to the notice that number of houses for Class II and Class III employees of the institute is inadequate as compared to their sanctioned strength. Therefore, the B&WC committee approved the cost estimate for provision of	The Finance Committee of the Institute in its 30 meeting held on 19.09.2014 decided that the approved cost by B&WC be revisited as the cost of construction per sqm is on quite higher

		<p>construction of Type-II and Type-III houses for non-teaching staff at NIT Kurukshetra for an amount of Rs. 9,32,60,600/-.</p> <p>The B&WC further resolved that Non-teaching G-type quarters which were meant for Class IV employees be renovated and utilized for ad hoc faculty, research scholars, married PG students and JRFs</p>	<p>side. Letter in this regard was sent to EE (Civil), CPWD vide letter No. CC/175/7463 dated 17.12.2014.</p> <p>The G-type quarters have been renovated and are being allotted to ad hoc faculty, research scholars, married PG students and JRFs.</p>
	Any other item	<p>Under any other item, the matter related to solar street lights in the institute was discussed. The existing solar street lights have become unserviceable as they have outlived their utility. There have been frequent breakdowns entailing maintenance including replacement of batteries which is not proving to be cost effective. It was decided that the solar street lights be removed. It was also resolved that the solar panels be utilized by the institute for project/research work of Electronics and Communication Engg. Deptt., Electrical Engg. Deptt., Mechanical Engg. Deptt. and School of Renewable Energy & Efficiency.</p>	<p>Removal of existing unserviceable solar street lights is in progress.</p>

		Further, the B&WC resolved that a committee including Dean (P&D), Professor Incharge (EM) and SE(E), CPWD be constituted to propose viable use of renewable energy sources for reducing electricity bill of the institute.	The matter is under consideration and the report of the committee is awaited.
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**NATIONAL INSTITUTE OF TECHNOLOGY
(INSTITUTION OF NATIONAL IMPORTANCE)
KURUKSHETRA**

NO. CC/178

Date: 22.12.2014

To

Executive Engineer (Elect.),
Karnal Central Electrical Division,
CPWD, 22-A, Indira Colony,
Karnal.

Subject: Inclusion of Clause as per the decision taken in 19th meeting of B&WC in the contract agreement for future construction works at NIT, Kurukshetra.

It was decided in the 18th meeting of B&WC and conformed in 19th meeting of B&WC vide item no. 19.1 that "in future, contract agreements will lay down terms and conditions that include a clause that any damage/ loss to the institute property will follow a penalty of Rs. One Lakh on the contractor. The contractor will also be asked to repair any damage caused at genuine cost within 48 hours".

You are requested to include the above mentioned clause as per the decision of B&WC in the upcoming various works in this institute.


Dean (Estate)

Copy to:

1. Superintending Engineer (Elect.), Chandigarh, Central Circle-I, CPWD, Kendriya Sadan, Sector-9A, Chandigarh.
2. Superintending Engineer (Civil), Chandigarh, Central Circle-I, CPWD, Kendriya Sadan, Sector-9A, Chandigarh.
3. Executive Engineer (Civil), CPWD Karnal Central Division, 448, Subhash Colony, Karnal.
4. Dean (P&D) for information please.

**NATIONAL INSTITUTE OF TECHNOLOGY
(INSTITUTION OF NATIONAL IMPORTANCE)
KURUKSHETRA**

NO. CC/179

Date: 22.12.2014

To

Superintending Engineer (Civil),
Chandigarh, Central Circle-I,
CPWD, Kendriya Sadan,
Sector-9A, Chandigarh.

Subject: To apply the decision taken in 19th meeting of B&WC.

It was decided in the 18th meeting of B&WC and confirmed in 19th meeting of B&WC vide item no. 19.1 that " SE (Civil), CPWD was also requested to depute adequate regular staff for supervision of various works taken up by the CPWD in the institute".

You are requested to apply the above mentioned decision of B&WC in the upcoming and ongoing various works in this Institute.


Dean (Estate)

Copy to:

1. Superintending Engineer (Elect.), Chandigarh, Central Circle-I, CPWD, Kendriya Sadan, Sector-9A, Chandigarh.
2. Executive Engineer (Civil), CPWD Karnal Central Division, 448, Subhash Colony, Karnal.
3. Executive Engineer (Elect.), Karnal Central Electrical Division, CPWD, 22-A, Indira Colony, Karnal.
4. Dean (P&D) for information please.

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

Reminder-III

No./CC/3453/164/7121

Dated 21-11-2014

To

1. Executive Engineer (Civil),
CPWD Karnal Central Division,
448, Subhash Colony,
Karnal
2. Executive Engineer (Elect.),
Karnal Central Electrical Division,
CPWD, 22-A, Indira Colony,
Karnal

Subject: - Providing & Installation of Electrical Sub-Station HT/LT Distribution including street Lightening & Feeder Pillar etc. in Non-Residential area at NIT, Kurukshetra.

Reference: This office letter No. CC/3453/15/193 dated 15-01-2014, CC/40/1356 dated 12-3-14 & CC/60/1989 dated 16-04-2014.

The Inspection of the above cited work was conducted on 11.12.2013 by the Inspection Committee duly constituted by the Hon'ble Director. The Inspection Committee observed the following defects/shortcomings during the inspection.

1. Civil Works:

Sr. No.	Description
i	Repair of cable trench in metering room and at all the three Sub-Station.
ii	Repair of cracked wall of HT panel room & path way at Sub-Station No.-3.
iii	Repair of plinth protection around all the Sub-Station.

2. Electrical

Some electrical fitting also required immediate attention.


Sr. No.	Description
i	Repair of oil leakage in all the transformers and filling of oil in conservator tanks up to appropriate gauge level.
ii	Repair of locks of HT Panels at all the Sub-Stations.
iii	Repair/replacements of street lights which are not working.
iv	Repair and re-fixing of route markers at metering room, Sub-Station No.-2 and other locations.
v	Provision of fire buckets not provided at Sub-Station No.-3.
vi	LT Cable fault of street light cable near University side gate, newly constructed teachers flat and Open air theatre needs repair.
vii	Capacitor panels at Sub-Station no. 1, 2 & 3 are not working properly.

Some documents/drawings also required as below.

1. Details drawings along with the sections may be given.
2. All completion/final drawings may be given.
3. Copy of the final bill may be given.

You are requested to supply the document demanded as above and rectify these defects/shortcomings immediately under intimation to this office, please.


21.11.14

Prof. I/C (EM)
O/C 
21/11/14 21/11/14

CC:

1. PS to Director for kind information of the worthy Director.
2. Dean (P&D) for information please.
3. Dean (Estate) for information please.
4. Superintending Engineer (Civil), Chandigarh Central Circle-I, CPWD, Kendriya Sadan, Sector-9 A, Chandigarh.
5. Superintending Engineer (Elect.), Chandigarh, Central Circle-I, CPWD, Kendriya Sadan, Sector-9 A, Chandigarh

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA -136 119

No. CC/21/380

Dated: 23/01/2013
24

To

The Executive Engineer (Civil)
Central Public Works Department
Karnal Central Division
448, Subhash Colony
Karnal

Subject:- Administrative approval & Expenditure sanction works allotted to CPWD, Karnal at NIT, Kurukshetra.

The administrative approval and expenditure sanction is hereby conveyed for the execution of the following works with the estimated amount as under:

Sr. No.	Name of Work	Estimated Cost (Rs. in Lacs)
1	Provision of Aviation Light & Lightening conductor in the Mega Boys Hostel (1000 capacity) at NIT, Kurukshetra.	22.55
2	Replacement of existing LT Panels with MCCB's in the Institute at NIT, Kurukshetra.	43.62
3	Replacement of existing Electrical wirings in Instructional building at NIT, Kurukshetra.	
(i)	Replacement/rewiring of Al Wiring with copper wiring in Electrical Engineering Department.	142.72
(ii)	Replacement/rewiring of Al Wiring with copper wiring in old Admn. Block.	140.22
(iii)	Replacement/rewiring of Al Wiring with copper wiring in Examination Cell, Mechanical Engineering Department & Civil Engineering Department.	110.17
(iv)	Replacement/rewiring of Al Wiring with copper wiring in Electronics & Communication, CCN Department & Exam Hall.	162.76
4	Provision of DG power backup at various locations in the Institute covering instructional buildings and related facilities at NIT, Kurukshetra.	241.83
5	Provision of DG power backup in boys & girls hostels at NIT, Kurukshetra. (Boys 230.44 + Girls 89.74) = 320.18	320.18

[Signature]
23/1/14
Dean (Estate)

Copy to:

1. SS to Director for the kind information of the Hon'ble Director.
2. Chief Engineer (NZ-I), Chandigarh CPWD, Kendriya Sadan, Sector-9, CPWD, Chandigarh.
3. SE (Elect.) Chandigarh Central Electrical Circle, Kendriya Sadan, Sector- 9-A, CPWD, Chandigarh.
4. SE (Civil) Chandigarh Central Circle, Kendriya Sadan, Sector-9-A, CPWD, Chandigarh.
5. Executive Engineer (Elect.), Central Public Works Department, Karnal Central Electrical Division, 22-A Indira Colony, Karnal-132021
6. Registrar
7. Prof. I/C (E & C) & (EM)
8. DR (Acs)
9. Executive Engineer, Construction Cell
10. A.E. (Civil)
11. J.E. (Civil & Elect.)

NATIONAL INSTITUTE OF TECHNOLOGY
(INSTITUTION OF NATIONAL IMPORTANCE)
KURUKSHETRA

No./CC/152/7006

Date: 07-11-2014


11-

To,

Superintending Engineer (Elect.)
Chandigarh Central Electrical Circle,
Kendriya Sadan, Sector-9A,
CPWD, Chandigarh.

Subject: Regarding use of LED in the ongoing and future works at NIT, Kurukshetra.

It has been decided in the meeting of Estate Affair Committee held in the office of Dean (P&D) dated 05.11.2014 that the LED lights should be used in corridors and T-5 fixture or any other better fixtures should be used for replacement of old fixture which are not in working condition or whose life has been over. Same should be done in case of ceiling fans (i.e. old fans which are not in working condition and those whose life is over should be replaced with heavy duty and low wattage ceiling fan.


Dean (Estate)

Copy to:

1. Executive Engineer (Civil), CPWD, Karnal Central Division
448, Subhash Colony, Karnal.
2. Executive Engineer (Elect.), CPWD, Karnal Central Electrical
Division, 22-A Indira Colony, Karnal-132021.

Government Of India
CENTRAL PUBLIC WORKS DEPARTMENT
केन्द्रीय लोक निर्माण विभाग

OFFICE OF THE EXECUTIVE ENGINEER (E)
KARNAL CENTRAL ELECT DIVISION
22-INDIRA COLONY, KARNAL -132001
Phone: 0184-2251080, Fax: 0184-2254952



कार्यालय कार्यपालक इंजीनियर(वैद्युत)
करनाल केन्द्रीय वैद्युत मण्डल
22-इंदिरा कालोनी, करनाल . 132001
Phone: 0184-2251080, Fax: 0184-2254952
E-mail: cpwdknl@hotmail.com

No. 63(4)/KCED/NITKKR/2014-15/ 9404

Dated 9.12.2014

To,

The Dean (Estate),
National Institute of Technology,
Kurukshetra.

Subject : Request for releasing of funds for the work "Replacement of existing LT Panels with MCCB's in the Institute at NIT, Kurukshetra."

Respected Sir,

The Administrative Approval & Expenditure Sanction of Rs. 43.62 lacs was conveyed vide your letter no. CC/21/380 Dated 24.1.2013 for the above work and funds of Rs. 7.20 lacs has been released so far.

In this regard it is intimated that the above work has been awarded to M/s Budhiraja Electricals, New Delhi. The work is in progress, the Electrical Panels are likely to be supplied at site by the contractor at the end of Dec., 2014/Jan., 2015. The amount of Rs. 7.20 lacs released so far by your department shall not be sufficient to make the payment of LT Panels and other materials.

It is, therefore, requested please to release further funds of Rs. 28.00 lacs, so that payment can be made to the contractor of Electrical Panels and other material likely to supply at site as per terms and conditions of the agreement with the contractor.

(ई. लखबीर सिंह)
कार्यपालक अभियन्ता (वै०),
करनाल केन्द्रीय वैद्युत मंडल,
के०लो०नि०वि०, करनाल ।

Copy to :

1. The Chairman (E&M) NIT Kurukshetra for information.
2. The Chief Engineer(NZ-1), CPWD Kendriya Sadan, Sector 9A Chandigarh.
3. The Superintending Engineer(E), CCEC, CPWD Kendriya Sadan, Sector 9A Chandigarh.
4. The Assistant Engineer (E), KCESD, CPWD Karnal for information & necessary action.

कार्यपालक अभियन्ता (वै०)

Government Of India
CENTRAL PUBLIC WORKS DEPARTMENT
केन्द्रीय लोक निर्माण विभाग

OFFICE OF THE EXECUTIVE ENGINEER (E)
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कार्यालय कार्यपालक इंजीनियर(वैद्युत)
करनाल केन्द्रीय वैद्युत मण्डल
22-इंदिरा कालोनी, करनाल . 132001
Phone: 0184-2251080, Fax: 0184-2254952
E-mail: cpwdknl@hotmail.com

No. 63(4)/KCED/NITKKR/2014-15/

Dated

To,

The Dean (Estate),
National Institute of Technology,
Kurukshetra.

Subject : Request for releasing of funds for the work "Provision of DG Power backup in boys and girls hostel at NIT Kurukshetra."

Respected Sir,

The Administrative Approval & Expenditure Sanction of Rs. 320.18 lacs was conveyed vide your letter no. CC/21/380 Dated 24.1.2013 for the above work and funds of Rs. 52.83 lacs has been released so far.

In this regard it is intimated that the above work has been awarded to M/s Reliance Elektrik Works, Ghaziabad on 18.11.2014. The work is in progress, the DG Sets alongwith electrical panels and other materials are likely to be supplied at site by the contractor at the end of Dec., 2014/Jan., 2015. The amount of Rs. 52.83 lacs released so far by your department shall not be sufficient to make the payment of DG Sets and other materials.

It is, therefore, requested please to release further funds of Rs. 200.00 lacs, so that payment can be made to the contractor of DG Sets and other material likely to supply at site as per terms and conditions of the agreement with the contractor.

(ई. लखबीर सिंह)
कार्यपालक अभियन्ता (वै०),
करनाल केन्द्रीय वैद्युत मंडल,
के०लो०नि०वि०, करनाल ।

Copy to :-

1. The Chairman (E&M) NIT Kurukshetra for information.
2. The Chief Engineer(NZ-I), CPWD Kendriya Sadan, Sector 9A Chandigarh.
3. The Superintending Engineer(E), CCEC, CPWD Kendriya Sadan, Sector 9A Chandigarh.
4. The Assistant Engineer (E), KCESD, CPWD Karnal for information & necessary action.

कार्यपालक अभियन्ता (वै०)

Government Of India
CENTRAL PUBLIC WORKS DEPARTMENT
केन्द्रीय लोक निर्माण विभाग

OFFICE OF THE EXECUTIVE ENGINEER (E)
KARNAL CENTRAL ELECT DIVISION
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कार्यालय कार्यपालक इंजीनियर(वैद्युत)
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Phone: 0184-2251080, Fax: 0184-2254952
E-mail: cpwdknl@hotmail.com

No. 63(4)/KCED/NITKKR/2014-15/

Dated

To,

The Dean (Estate),
National Institute of Technology,
Kurukshetra.

Subject : Request for releasing of funds for the work "Provision of DG power backup at various locations in the Institute covering instructional buildings and related facilities at NIT, Kurukshetra."

Respected Sir,

The Administrative Approval & Expenditure Sanction of Rs. 241.83 lacs was conveyed vide your letter no. CC/21/380 Dated 24.1.2013 for the above work and funds of Rs. 39.90 lacs has been released so far.

In this regard it is intimated that the above work has been awarded to M/s Reliance Elektrik Works, Ghaziabad on 18.11.2014. The work is in progress, the DG Sets alongwith electrical panels and other materials are likely to be supplied at site by the contractor at the end of Dec., 2014/Jan., 2015. The amount of Rs. 39.90 lacs released so far by your department shall not be sufficient to make the payment of DG Sets and other materials.

It is, therefore, requested please to release further funds of Rs. 150.00 lacs, so that payment can be made to the contractor of DG Sets and other material likely to supply at site as per terms and conditions of the agreement with the contractor.

(ई. लखबीर सिंह)
कार्यपालक अभियन्ता (वै०).
करनाल केन्द्रीय वैद्युत मंडल,
के०लो०नि०वि०, करनाल ।

Copy to :-

1. The Chairman (E&M) NIT Kurukshetra for information.
2. The Chief Engineer(NZ-1), CPWD Kendriya Sadan, Sector 9A Chandigarh.
3. The Superintending Engineer(E), CCEC, CPWD Kendriya Sadan, Sector 9A Chandigarh.
4. The Assistant Engineer (E), KCESD, CPWD Karnal for information & necessary action.

कार्यपालक अभियन्ता (वै०)

NATIONAL INSTITUTE OF TECHNOLOGY

KURUKSHETRA -136 119

No. CC/ 176/7520

Dated: 19-12-2014

To

Executive Engineer (Civil),
CPWD, Karnal Central Division,
448 Subhash Colony,
Karnal-132021

Subject: -

Revised Cost Estimate for construction of Additional Examination Hall at NIT, Kurukshetra. (Item No. 3 of 19th B&WC)

The Building & Works Committee of the Institute in their 19th meeting held on 11.09.2014 has decided as under:-

"The B&WC considered the cost estimate submitted by CPWD for the work of examination hall (G+3) for an amount of Rs. 13,68,10,300/-. It was observed that provision for a DG set amounting to Rs. 25,00,000/- has been included in the cost estimate. Since a comprehensive DG power backup facility is being provided in the institute, therefore there is no need to include the same in the cost estimate. Further, there is need to provide air-conditioning/air-cooling facility in the building. Hence, it was decided that the CPWD be requested to provide a revised cost estimate excluding provision of DG set and including provision of cost effective HVAC (Heating, ventilation, air conditioning) facility.

You are therefore, requested to submit revised cost estimates of the above work at the earliest, so that early action may be taken.

[Signature]
Dean (Estate)

Copy to:

- 1 SS to Director for the kind information of the Hon'ble Director.
- 2 SS to Registrar for kind information of the Registrar.
- 3 SE (Elect.) Chandigarh Central Electrical Circle, CPWD, Kendriya Sadan, Sector-9-A, Chandigarh.
- 4 SE (Civil) Chandigarh Central Circle, CPWD, Kendriya Sadan, Sector-9-A, Chandigarh.
- 5 Executive Engineer (Elect.), Central Electrical Division, CPWD, 22-A, Indira Colony, Karnal
- 6 Prof. I/C (E & C)
- 7 Prof. I/C (EM)
- 8 A.E. (Civil)

Item No.19.3 To consider & approve the Cost Estimate for Construction of Additional Examination Hall at NIT, Kurukshetra

The B&WC considered the cost estimate submitted by CPWD for the work of examination hall (G+3) for an amount of Rs. 13,68,10,300/-. It was observed that provision for a DG set amounting to Rs. 25,00,000/- has been included in the cost estimate. Since a comprehensive DG power backup facility is being provided in the institute, therefore there is no need to include the same in the cost estimate. Further, there is a need to provide air-conditioning/air-cooling facility in the building. Hence, it was decided that the CPWD be requested to provide a revised cost estimate excluding provision of DG set and including provision of cost effective HVAC (Heating, ventilation, air-conditioning) facility. The Chairman, B&WC was authorized to approve the revised cost estimate, if increase in cost estimate is within 10% of the submitted estimate.

Item No. 19.4 To consider & approve the cost estimate for provision of water proofing treatment of existing terrace/mud phaska and concreting/repair of parapet, coping, and balconies and plastering of external walls in teaching and non-teaching houses at NIT, Kurukshetra

The B&WC considered the cost estimate for the work for an amount of Rs. 2,29,78,500/ and observed that for maintenance work, the estimate seems to be very high. The item was deferred till the submission of a report for the same within two months by a committee which would include Dr. S K Madan, Professor in Civil Engineering, Professor Incharge (E&C), Asstt. Engineer (C). The committee will base its report on inputs from estate section which will carry out on-site visits to identify the type of house, details of repair work required and comprehensive cost estimate. The Chairman, B&WC was authorized to approve the revised cost estimate.

Item No. 19.5 To consider & approve the Cost Estimate for construction of Multi-storey building for four schools for PG study and research and class/tutorial room and faculty chambers at NIT Kurukshetra

The B&WC considered the issue of revision in cost estimate from Rs. 35,66,43,200/- to Rs. 122,95,32,700/- in view of the increase in the scope of work. It was pointed out that initially the proposed building was (G+3) for

[Handwritten signatures and dates]
17/4/14

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA**

No/CC/155

Dated: 12-11-2014

Subject: Provision of water proofing treatment of existing terrace/mud phaska and concreting/repair of parapet, coping and balconies and plastering of external walls in teaching and non-teaching houses at NIT, Kurukshetra.


In the 19th B&WC meeting held on 11-09-2014, the committee took the following decision under item no. 19.4:

"The B&WC considered the cost estimate for the work for an amount of Rs. 2, 29, 78, 500/- and observed that for maintenance work, the estimate seems to be very high. The item was deferred till the submission of a report for the same within two months by a committee which would include Dr. S.K. Madan, Professor in Civil Engineering, Professor Incharge (E&C), Asstt. Engineer (Civil). The Committee will base its report on inputs from estate section which will carry out on-site visits to identify the type of house, details of repair work required and comprehensive cost estimate. The Chairman, B&WC was authorized to approve the revised cost estimate" (copy enclosed).

Further, in the review meeting of Estate Section held on 08-10-2014 related to above it was decided that:

"representative from CPWD be added to the above Committee to take inputs from CPWD also; it being the executing agency. It was further decided that the committee should submit its report by November 15, 2014" (copy enclosed).

In the light of above, the committee members viz. Dr. S.K. Madan, Professor in Civil Engg. Deptt., Prof. Ashwani Jain, Prof. I/C (E&C), Sh. S.N. Kaushik, A.E. (Civil), Representative from CPWD are requested to visit the site and submit the comprehensive report to the undersigned as early as possible.


Dean (Estate)

Copy to:

1. Dr. S.K. Madan, Professor in Civil Engg. Deptt
2. Prof. Ashwani Jain, Prof. I/C (E&C)
3. Sh. S.N. Kaushik, A.E. (Civil)
4. Executive Engineer (Civil), CPWD with a request to nominate a representative from CPWD.
5. Dean (P&D) for information.
6. SS to Registrar, for kind information of the Registrar.
7. SS to Director for kind information of the Hon'ble Director.

Item No.19.3 To consider & approve the Cost Estimate for Construction of Additional Examination Hall at NIT, Kurukshetra

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[Handwritten signatures and initials]

संख्या नं०... 556.....

दिनांक 24/11/14

Speed post

केन्द्रीय लोक निर्माण विभाग
करनाल केन्द्रीय मण्डल
448, सुभाष कालोनी, करनाल

संख्या- 20(142)/यो.शा./क.के.मं/2014/ 3822
सेवा में,

दिनांक 24/11/14

The Dean,
NIT, Kurukshetra

विषय : Modified Estimate for Extension of existing connecting corridor upto
MBA/MCA and LHC-Block in the Instruction Building at NIT, Kurukshetra.

महोदय,

उपरोक्त कार्य का प्रारम्भिक प्राक्कलन जिसकी लागत रुपये 57,05,300/-
है आपके कार्यालय से प्रशासनिक स्वीकृति एवं व्यय मंजूरी प्राप्त करने हेतु संलग्न है।

आपसे अनुरोध है कि उपरोक्त स्वीकृति जल्दी से जल्दी भेजें ताकि अग्रिम
कार्यवाही की जा सकें। प्राक्कलन की एक प्रति भी संलग्न करें तथा उपरोक्त कार्य के
लिये धन जल्दी से जल्दी जमा करवायें।

भवदीय,

संलग्न : उपरोक्त दो प्रतियों में।

कार्यपालक अभियंता
करनाल केन्द्रीय मंडल
के.लो.नि.वि, करनाल

प्रतिलिपि :-

1. सहायक अभियन्ता, कुरुक्षेत्र केन्द्रीय उप-मण्डल, के.लो.नि.वि, कुरुक्षेत्र को सूचनार्थ।

कार्यपालक अभियंता

GOVERNMENT OF INDIA

CENTRAL PUBLIC WORKS DEPARTMENT

State HARYANA

Branch KARNAL

DIVISION KARNAL CENTRAL

SUB-DIVISION KARNAL CENTRAL


Name of Work : Modified Estimate for Extension of existing connecting corridor upto MBA/MCA and LHC-Block in the Instruction Building at NIT, Kurukshetra.


Major Head	Minor Head	Detailed Head
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This preliminary estimate has been framed by Sh. Varun Kumar, Executive Engineer, Karnal Central Division, CPWD, Karnal for Rs. 57,05,300/- i/c 3% contingencies.

REPORT

History	This preliminary estimate amounting to Rs. 57,05,300/- i/c 3% contingencies has been framed to cover up the probable cost of above mentioned work for accord of A/A & E/S of the competent authority. The requisition of the above said work has been received from client deptt. vide letter No. Progress Review Committee Meeting held on dated 08-10-2014. Hence this estimate.
Design	Following provision has been made in the estimate:- 1. Based on PAR 2012 Rates load bearing structure.
Specification	As per CPWD Specification 2009 vol I to II with upto date correction slip.
WC Establishment	Shall be met out of contingencies.
T. & P.	Shall be arranged by the contractor.
Land	Available.
Rate	As per PAR-2012
Method	By contract after call of tender.
Time	5 Months
Cost	Rs. 57,05,300/- i/c 3% contingencies


ASSISTANT ENGINEER (P)
KARNAL CENTRAL DIVISION
CPWD, KARNAL


EXECUTIVE ENGINEER
KARNAL CENTRAL DIVISION
CPWD, KARNAL

LETTER OF ACCEPTANCE OF DEPOSIT WORKS(To be issued to the client department)

To

The Dean,
NIT, Kurukshetra

Sub: Execution of Deposit works.

Modified Estimate for Extension of existing connecting corridor upto MBA/MCA and LHC-Block in the Instruction Building at NIT, Kurukshetra. (Indicate name of work)

The above work can be taken up by the CPWD as a Deposit work under Para 118-119 of CPWD Code, subject to the following:

1. Full estimated cost of work as worked out by CPWD including departmental charges will have to be deposited by the client department before the work is taken up for execution. No interest will be paid by CPWD to the client department for such deposits.
2. The client department should hand over vacant possession of land/site to CPWD. CPWD may, if so required, take responsibility for demolition/disposal of existing buildings/structures.
3. CPWD does not bind itself to complete the work within the estimated cost. If additional funds are required, the same have to be provided by the client department. Necessary revised estimate will be submitted as and when required.
4. Any dispute arising out of the operation of the contract (s) for the subject work will be subject to arbitration as provided in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
5. Funds for making payment of all amounts which may be decreed by a Court of Law, Tribunal or by Award of an arbitrator in relation to the deposit work will be made available by the client department promptly irrespective of it not being a pre-condition before the Court, Tribunal or arbitrator. Such payments will be in addition to the payments made to the contractors for execution of work.
6. After receipt of A/A & E/S from the client department, the CPWD will prepare and submit various detailed architectural drawings and service plans to local bodies whose approvals are required before taking up the construction work. These local bodies are independent organizations and CPWD has no control over them. These local bodies take their own time in approving the plans. The time required to get such approvals is not included in the time of construction indicated in the estimate. Although CPWD will make all efforts to get such approvals early, it may be necessary for the client department also to pursue with Local Bodies for early approval.
7. The CPWD has no funds of its own for investing in the work. The client should, therefore, ensure that adequate funds are available with CPWD for executing the work. In case the client department fails to provide funds as per requirements, it will be necessary for CPWD to suspend/abandon the work. In such eventuality, the client department shall be solely responsible for all the consequences arising out of such stoppage/abandonment of work including claims of contractors for compensation/damages.
8. The client department will help CPWD in - a) providing site for labour huts for the contractor's labour free of cost; b) providing free access to contractor's material and labour to the site of work; c) providing electricity connection for execution of work on payment of usual charges; and d) sanction and release of load from the concerned electricity boards/authority.
9. CPWD may at its discretion allow the clients to deposit the funds in installments. In such case 33 1/3% would be retained as adjustment against the last portion of the estimated expenditure.
10. In case where funds are deposited in installments, CPWD will not be responsible for any delay, damage, stoppage or claims of contractors for compensation/damages etc. due to non-receipt of funds in time.

You are requested to convey acceptance of the above to enable this office to proceed further.

Yours faithfully,

Executive Engineer,
Karnal Central Division,
CPWD, 448, Subhash Colon
KARNAL-132001 (Hry.)

Abstract of Cost-Preliminary Estimate

State HARYANA

Branch KARNAL

DIVISION KARNAL CENTRAL

SUB-DIVISION KARNAL CENTRAL

Name of Work : Modified Estimate for Extension of existing connecting corridor upto MBA/MCA and LHC-Block in the Instruction Building at NIT, Kurukshetra.

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)
1	2	LOAD BEARING CONSTRUCTION				
1.1	2.1	Floor height 3.35mtr. (Office/College/ Hosp.)				
1.1.1	2.1.1	Single storeyed	296.00	15,000.00	sq.mtr.	44,40,000.00
1.2	2.5	Extra for :				
1.2.1	2.5.5	Foundations on poor soils having bearing capacity less than 10Tonne/ sq.mtr.	296.00	520.00	sq.mtr.	1,53,920.00
		Sub-Total				45,93,920.00
2	3	SERVICES				
2.1	3.3	Internal electric installations. (Non resi. Bldg)	4,440,000.00	12.50	100 B.cost	5,55,000.00
2.2	3.6	Extra for :				
2.2.1	3.6.1	Power wiring & plugs	4,440,000.00	4.00	100 B.cost	1,77,600.00
		Sub-Total				7,32,600.00
		Total				53,26,520.00
		Add Cost Index @1% (On Estimate Total 5,326,520.00)				53,265.20
		Total				53,79,785.20
		Add Contingencies @5%				2,68,989.26
		Total				56,48,774.46
		Add Labour Cess @1%				56,487.74
		Grand Total				57,05,262.20
		Sny				57,05,300.00

(Rupees Fifty Seven Lakh Five Thousand Three Hundred only)

ASSISTANT ENGINEER (P)
KARNAL CENTRAL DIVISION
CPWD, KARNAL

EXECUTIVE ENGINEER
KARNAL CENTRAL DIVISION
CPWD, KARNAL

NATIONAL INSTITUTE OF TECHNOLOGY
(Under the Ministry of HRD, Govt. of India)
KURUKSHETRA-136119

No. Acs./2014/1295

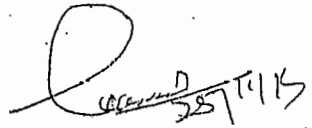
Dated: 25.11.2014

NOTIFICATION

The Finance Committee of the Institute in their 30th meeting held on 19.09.2014 has recommended as under:-

"The Finance Committee authorized the Hon'ble Chairman, Board of Governors, to approve the cost estimate on the basis of project report on the item indicating proper justification for increase in plinth area."

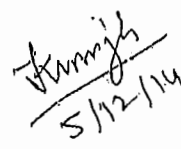
The above decision is circulated for compliance reference decision of the Board of Governors.


Deputy Registrar (Accounts)

Dean (Estate)

Pl. find project Report attached for approval of Hon'ble chair
BOG.

Registrar


5/12/14
Dean (Estate)

Copy to: DR (Accounts)

PROJECT REPORT
ON
INCREASE
IN
PRELIMINARY ESTIMATE
OF
MULTI-STOREY BUILDING
FOR
FOUR SCHOOLS
FOR
PG STUDY & RESEARCH
AT
NIT, KURUKSHETRA

INTRODUCTION

The Institute started two schools of PG Study & Research from the academic session 2012-13 viz. School of Energy & Efficiency and School of Nanotechnology, as well as additional two schools viz. School of Bio-Medical Engineering and School of VLSI Design & Embedded Systems from the year 2013-14. There was need of additional building to house these schools as the space needed was not available in existing Institute buildings.

SCOPE OF WORKS AND PRELIMINARY ESTIMATE

The High Power Committee (Now renamed as Estate Affairs Committee), which is a recommending body of Building & Works Committee of the NIT, Kurukshetra recommended that a new dedicated multi-storey building be constructed which should also include a floor for Training & Placement Cell as Senate Hall and Guest House of the Institute were being used by the Cell.

In view of that CPWD was requested to provide the preliminary estimate (PE). The PE for construction of school building along with training & placement cell (basement and G+3) of plinth area 10,000 sqm was submitted by Chief Engineer (NZ-I), CPWD, Chandigarh for an amount of Rs. 35,66,43,200/- (as per Plinth Area Rate (PAR)-2007) which was put up before the Building & Works Committee (B&WC) in its 16th meeting vide item No. 16/19 held on 19/11/2012. It was decided that Training & Placement Cell should be provided the space vacated by the old Offices of Director, Registrar, General Administration & Accounts section, hence proposed building should exclude the space for Training & Placement Cell. Therefore, the B&WC resolved that 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.

Accordingly Executive Engineer (Civil) & (Elect.) CPWD, Karnal was intimated vide letter No. CC/289 dated 20/11/12-20/12 to provide revised cost estimate for construction of multi-storey building for schools for PG study & Research scholars without basement at NIT, Kurukshetra vide item No. 16/19. Chief Engineer (NZ-I) CPWD Chandigarh submitted the revised cost estimate for construction of school building without training & placement cell at NIT, Campus, Kurukshetra which had plinth area of 8,000 sqm and estimated cost as Rs. 30,22,94,900/-. The same was placed before the Building &

[Signature]
17/10/14

Works Committee in its 18th meeting held on 09-12-2013 vide Item No. 18.5. The Building & Works Committee considered the necessity of additional requirement of class rooms & faculty/ Research Scholars chambers and resolved that revised proposal for six storey building for four schools and class/tutorial rooms and faculty/ Research Scholars chambers be obtained from CPWD. B&WC authorized the Chairman, B&WC to approve the revised cost estimate. The decision for inclusion of additional requirements (resulting from phenomenal growth in the intake of the students in recent years) of class/tutorial rooms and faculty/ Research Scholars chambers in this building was taken primarily due to non-feasibility of vertical expansion of the existing departmental buildings which are facing acute shortages at present and secondly due to the location decided for school building was in proximity of majority of the departments.

Consequently, Chief Engineer (NZ-I), CPWD, Central Circle, Kendriya Sadan, Chandigarh was intimated vide letter No. CC/3517/113/5390 dated 25/28-07-2014 to provide the revised cost estimate for construction of multi-storey building for four schools for PG study & Research at NIT, Kurukshetra having plinth area of 31,680 sqm. This plinth area was arrived at by Chief Architect, CPWD after incorporation of detailed requirements of all the concerned Heads of Departments and Coordinators of the Schools through Estate Affairs Committee. Chief Engineer (NZ-I), CPWD, Central Circle, Kendriya Sadan, Chandigarh submitted preliminary estimate of Rs. 122,95,32,700/- vide letter No. 23(390)/CE(P)/CC(P)-1/915 dated 16-07-2014 for necessary Administrative Approval & Expenditure Sanction.

JUSTIFICATION FOR INCREASE IN PRELIMINARY ESTIMATE

The Estate Affairs Committee in its meeting held on 23-07-2014 decided to request CPWD to re-examine the preliminary estimate of Rs. 122,95,32,700/- as it was quite high. In response to this CPWD vide letter No. 23(390)/SE(P)/EE(P)/1084 dated 27-08-2014 intimated that the preliminary estimate cannot be reduced due the provisions made in the estimate for the superior class specifications, inclusion of modern amenities and the complexity of multistoried RCC framed structure which falls under Seismic Zone -IV. The reply of Superintending Engineer (P), NZ-I, CPWD, Chandigarh is appended below.

[Signature]
15/10/14

Reasons for increase in cost of Estimated Cost for the work of proposed multistoreyed building of four schools for PG Study and a research at NIT Kurukshetra, Haryana

(A) Brief on proposed work :-

- Initially, a preliminary estimate amounting to Rs. 35,66,43,200/- was submitted by CPWD to NIT Kurukshetra vide this office letter No. 3246 dated 21.11.2012 upon receipt of requisition from the client department letter No. CC/219/6899 dated 08.10.2012 for the work of Construction of School building, training and placement cell (basement + G+3). Needless to mention that this preliminary estimate was prepared on the tentative plinth area intimated by NIT Kurukshetra as drawings were not then developed for this proposed building.
- Subsequently, the NIT Kurukshetra desired that provision of basement in the building is not required as per their requisition letter CC/41 dated 29.01.2013. Accordingly, the preliminary estimate was modified after omitting the provision of basement and modified preliminary estimate amounting to Rs. 30,22,94,900/- was submitted to NIT Kurukshetra vide this office letter No. 4082 dated 01.03.2013. Needless to mention that this preliminary estimate was prepared on the tentative plinth area intimated by NIT Kurukshetra as drawings were not then developed for this proposed building.
- Of late, there was a change in the usage requirements for this proposed building and Chief Architect (NR-I), CPWD, Chandigarh developed architectural drawings based on the requirements projected by NIT Kurukshetra. Based on these architectural drawings, preliminary estimate amounting to Rs. 122,95,32,700/- was submitted to NIT Kurukshetra vide this office letter No. 915 dated 16.07.2014 for proposed construction of multistoreyed building for four schools for PG Studies and Research at NIT Kurukshetra (Haryana).
- The detailed reason for increase in the preliminary estimate of the above work submitted vide this office letter dated 16.07.2014 is as under :-

Sumit
15/11/14

- (i) Increase in cost due to increase in plinth area of the proposed building for Civil Works. As per actual requirements projected by NIT and as per architectural drawings now prepared for the proposed building, there is a increase in the plinth area to 31680 sqm from previous area of 8000 sqm. This has resulted in increase in the cost of preliminary estimate by nearly 345%.
- (ii) Increase in cost due to green building measures, price rise in cost of labour and materials between November 2012 and July 2014 and improvement in specifications/ amenities for civil works.

- Of late, it is now mandatory to construct GRIHA-3 Star compliant buildings which are energy efficient conforming to ECBC. There was no provision for green building measures in the Plinth Area Rates (PAR)-2007 which was adopted for preparing preliminary estimates submitted by this office in the years 2012 & 2013 as above. However, the preliminary estimate now submitted on 16.07.2014 is based on Plinth Area Rates-2012 which includes all provisions of Green building measures noted below:

- a. Over deck insulation and application of high SRI reflective paint on the roof.
- b. Masonry work in super structure with Autoclave Aerated Concrete Block/ Fly Ash Bricks.
- c. Window with Reflective Glass Coating/ High Performance Double Glazed Unit.
- d. Paint with low VOC options.
- e. Rain water harvesting.
- f. Water fittings having infrared sensor and foam flow technology.
- g. AC plant with VVVF drives and ECBC compliant chillers, high efficiency motors, plant optimizers and LED lights.
- h. Automated lighting controls with day light sensors and PIRs etc.

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18/10/14

- Besides, Plinth Area Rates-2012 also provides for superior class specifications and other amenities which were not incorporated in the previous Plinth Area Rates-2007. Thus, incorporation of green building measures and other superior class specifications in Plinth Area Rates-2012 + price rise in the cost of labour and material between November 2012 and July, 2014 have resulted in the increase in cost of preliminary estimate now submitted on 16.07.2014 by 30%.

(iii) Increase in cost of E&M Services:

Due to increase in plinth areas, price rise between November 2012 and July, 2014 (time gap between the second and third preliminary estimates), due to provisions of energy efficient E&M Services and also due to addition of extra E&M amenities like BMS, Access Control System, CCTV etc. there has been an increase of 30% in the cost of preliminary estimate now submitted on 16.07.2014.

CONCLUSION

Thus, from the above explanations it can be concluded that the increase in cost of the building from Rs. 30,22,94,900/- to Rs. 1,22,95,32,700/- is justified due to increase in plinth area from 8000 sqm to 31680 sqm resulting from additional needs of class/tutorial rooms and faculty/Research Scholars chambers, revision of PAR rates, inclusion of green building measures and increase in cost of E&M Services.

[Signature]
17/7/2014

No. CC/175/7463

Dated: 17-12-2014

To

Executive Engineer (Civil),
CPWD, Karnal Central Division,
448 Subhash Colony,
Karnal-132021

Subject: - Revised Cost Estimate for the construction of multi-storey building for faculty/officers having 40 apartments (Item No. 7 of 19th B&WC) and construction of Type-II and Type-III houses for non-teaching staff at NIT, Kurukshetra (Item No. 14 of 19th B&WC).

The Finance Committee of the Institute in their 30th meeting held on 19.09.2014 has decided as under:-

"Under item 19.7 and 19.14 of Building and Works Committee, Finance Committee desired the approved cost by Building and Works Committee be revisited as the cost of construction per sq. meter is quite on higher side". (copy enclosed)

You are, therefore, requested to submit revised cost estimates of the above works at the earliest, so that early action may be taken.

[Signature]
Dean (Estate)
17/12/14

Copy to:

- 1 SS to Director for the kind information of the Hon'ble Director. *[Signature]* 17/12/14
- 2 SS to Registrar for kind information of the Registrar. *[Signature]* 17/12/14
- 3 SE (Elect.) Chandigarh Central Electrical Circle, CPWD, Kendriya Sadan, Sector-9-A, Chandigarh. ✓
- 4 SE (Civil) Chandigarh Central Circle, CPWD, Kendriya Sadan, Sector-9-A, Chandigarh. ✓
- 5 Executive Engineer (Elect.), Central Electrical Division, CPWD, 22-A, Indira Colony, Karnal ✓
- 6 Prof. I/C (E & C) *[Signature]* 17/12/14
- 7 Prof. I/C (EM) *[Signature]* 17/12/14
- 8 A.E. (Civil) *[Signature]* 17/12/14

four PG schools. Later, as per decision taken in 18th B&WC, in order to meet the increasing space requirements of the institute, e.g. more faculty offices, class rooms, tutorial rooms, conference rooms, seminar rooms etc. were added to the structure (now G+5). This has resulted in an increase in plinth area (which includes area of all the floors) from approx. 10,000 sqm to approx. 31,000 sqm. The B&WC approved the cost estimate for an amount of Rs. 122,95,32,700/-.

Item No. 19.6 ✓ To consider & approve the Cost Estimate for providing Concertina coil over the institute boundary for security purpose at NIT Kurukshetra

The Chairman, B&WC pointed out that in detailing of the item, it has been wrongly mentioned that Chairman BOG held a meeting with "Director and other officers". Instead, it should read "Dean (Estate) and the security expert Sh. K N Rai" and the same be corrected. The B&WC considered the issue and it was resolved that concertina coil be provided all along the periphery maintaining its height at 7 feet above the ground level. The B&WC approved the cost estimate for Rs. 53,03,000/-.

Item No. 19.7 ✓ To consider & approve the Cost Estimate for the construction of multi-storey building for faculty/officers having 40 apartments at NIT Kurukshetra

The B&WC considered and approved the cost estimate for the construction of multi-storey building for faculty (Professors/Associate Professors/Assistant Professors)/Officers having 40 apartments at NIT Kurukshetra for an amount of Rs. 26,83,62,400/- keeping in view the shortage of faculty houses.

Item No. 19.8 ✓ To consider & approve the revised Cost Estimate for extension of existing connecting corridor upto MBA/MCA and LHC block in the Instructional Building at NIT Kurukshetra

The B&WC deliberated on the matter and observed that the cost estimate has increased from Rs. 29.26 lakh to Rs. 64,79,500/- with the increase in area due to additional scope of work in the form of a big hall and two extra wide corridors in front of LHC block and MBA/MCA block as decided in previous B&WC

has already exceeded the limit of paved area. In the light of above, the matter of providing peripheral road along the external boundary wall of the institute for security and maintenance purpose was approved in principle for an amount of Rs. 2,03,60,300/- pending EIA clearance from MOEF before starting the work.

Item No. 19.12 To consider & approve the cost estimate for the provision of resurfacing and widening of existing roads in residential campus and institutional area at NIT Kurukshetra

The B&WC deliberated on the matter of provision of resurfacing and widening of existing roads in residential campus and institutional area of the institute for an amount of Rs. 2,14,50,600/-. It was observed that the existing roads have adequate width and there has not been any increase in traffic as the proposed roads are mostly in residential area. Therefore, it was resolved that only resurfacing work be done. The Chairman, B&WC was authorized to approve the revised cost estimate.

Tabled Item No. 19.13 ✓ To consider & approve the cost estimate for the provision of construction of verandah for non-teaching staff club situated in F-type quarters at NIT Kurukshetra

The B&WC deliberated on the matter and approved the cost estimate for the provision of construction of verandah for non-teaching staff club situated in F-type quarters at NIT Kurukshetra for an amount of Rs. 41,47,400/- for holding various functions by the non-teaching staff.

Tabled Item No. 19.14 ✓ To consider & approve the cost estimate for provision of construction of Type-II and Type-III houses for non-teaching staff at NIT Kurukshetra

During deliberations, it was brought to the notice that number of houses for Class II and Class III employees of the institute is inadequate as compared to their sanctioned strength. Therefore, the B&WC committee approved the cost estimate for provision of construction of Type-II and Type-III houses for non-teaching staff at NIT Kurukshetra for an amount of Rs. 9,32,60,600/-. The B&WC further resolved that Non-teaching G-type quarters which were meant for Class IV employees be renovated and utilized for ad hoc faculty, research scholars, married PG students and JRFs.

केन्द्रीय लोक निर्माण विभाग

करनाल केन्द्रीय मण्डल

448, सुभाष कालोनी, करनाल

संख्या- 20(142)/यो.शा./क.के.मं/2014/ 3822

दिनांक 20/11/14

सेवा में,

The Dean,
NIT, Kurukshetra

विषय : Modified Estimate for Extension of existing connecting corridor upto MBA/MCA and LHC-Block in the Instruction Building at NIT, Kurukshetra.

महोदय,

उपरोक्त कार्य का प्रारम्भिक प्राक्कलन जिसकी लागत रुपये 57,05,300/- है आपके कार्यालय से प्रशासनिक स्वीकृति एवं व्यय मंजूरी प्राप्त करने हेतु संलग्न है।

आपसे अनुरोध है कि उपरोक्त स्वीकृति जल्दी से जल्दी भेजें ताकि अग्रिम कार्यवाही की जा सकें। प्राक्कलन की एक प्रति भी संलग्न करें तथा उपरोक्त कार्य के लिये धन जल्दी से जल्दी जमा करवायें।

भवदीय,

संलग्न : उपरोक्त दो प्रतियों में।

कार्यपालक अभियंता
करनाल केन्द्रीय मंडल
के.लो.नि.वि, करनाल

प्रतिलिपि :-

1. सहायक अभियन्ता, कुरुक्षेत्र केन्द्रीय उप-मण्डल, के.लो.नि.वि, कुरुक्षेत्र को सूचनार्थ।

कार्यपालक अभियंता

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

State HARYANA
Branch KARNAL

DIVISION KARNAL CENTRAL
SUB-DIVISION KARNAL CENTRAL

Name of Work : Modified Estimate for Extension of existing connecting corridor upto MBA/MCA and LHC-Block in the Instruction Building at NIT, Kurukshetra.

Major Head	Minor Head	Detailed Head
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This preliminary estimate has been framed by Sh. Varun Kumar, Executive Engineer, Karnal Central Division, CPWD, Karnal for Rs. 57,05,300/- i/c 3% contingencies.

REPORT

History This preliminary estimate amounting to Rs. 57,05,300/- i/c 3% contingencies has been framed to cover up the probable cost of above mentioned work for accord of A/A & E/S of the competent authority. The requisition of the above said work has been received from client deptt. vide letter No. Progress Review Committee Meeting held on dated 08-10-2014. Hence this estimate.

Design Following provision has been made in the estimate:-
1. Based on PAR 2012 Rates load bearing structure.

Specification As per CPWD Specification 2009 vol I to II with upto date correction slip.

WC Establishment Shall be met out of contingencies.

T. & P. Shall be arranged by the contractor.

Land Available.

Rate As per PAR-2012

Method By contract after call of tender.

Time 5 Months

Cost Rs. 57,05,300/- i/c 3% contingencies

ASSISTANT ENGINEER (P)
KARNAL CENTRAL DIVISION
CPWD, KARNAL

EXECUTIVE ENGINEER
KARNAL CENTRAL DIVISION
CPWD, KARNAL

LETTER OF ACCEPTANCE OF DEPOSIT WORKS

(To be issued to the client department)

To

The Dean,
NIT, Kurukshetra

Sub: Execution of Deposit works.

Modified Estimate for Extension of existing connecting corridor upto MBA/MCA and LHC-Block in the Instruction Building at NIT, Kurukshetra. (Indicate name of work)

The above work can be taken up by the CPWD as a Deposit work under Para 118-119 of CPWD Code, subject to the following:

1. Full estimated cost of work as worked out by CPWD including departmental charges will have to be deposited by the department before the work is taken up for execution. No interest will be paid by CPWD to the client department for deposits.
2. The client department should hand over vacant possession of land/site to CPWD. CPWD may, if so required, responsibility for demolition /disposal of existing buildings/structures.
3. CPWD does not bind itself to complete the work within the estimated cost. If additional fund's are required, the same have to be provided by the client department. Necessary revised estimate will be submitted as and when required.
4. Any dispute arising out of the operation of the contract (s) for the subject work will be subject to arbitration as provide in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the arbitrator's a examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to chal the same in a Court of Law will be binding on the client department.
5. Funds for making payment of all amounts which may be decreed by a Court of Law, Tribunal or by Award of an arbitra relation to the deposit work will be made available by the client department promptly irrespective of it not being a before the Court, Tribunal or arbitrator. Such payments will be addition to the payments made to the contracto execution of work.
6. After receipt of A/A & E/S_e from the client department, the CPWD will prepare and submit various detailed archite drawings and service plans to local bodies whose approvals are required before taking up the construction work. These bodies are independent organization and CPWD has no control over them. These local bodies taken their own tin approving the Plans. The time required to get such approvals is not included in the time of construction indicated estimate. Although CPWD will make all efforts to get such approvals early, it may be necessary for the client depai also to pursue with Local Bodies for early approval.
7. The CPWD has no funds of its own for investing in the work. The client should, therefore, ensure that adequate fun available with CPWD for executing the work. In case the client department fails to provide funds as per requirements, be necessary for CPWD to suspend/abandon the work. In such eventuality, the client department shall be solely respc for all the consequences arising out of such stoppage/abandonment of work including claims of contracto compensation/damages.
8. The client department will help CPWD in -a) providing site for labour huts for the contractor's labour free of c providing free access to contractor's material and labour to the site of work. C) providing electricity connecti execution of work on payment of usual charges, and d) sanction and release of load from the concerned ele boards/authority.
9. CPWD may at its discretion allow the clients to deposit the funds in installments. In such case 33 1/3% would be retai adjustment against the last portion of the estimated expenditure.
10. In case where funds are deposited in installments, CPWD will not be responsible for any delay, damage, stoppage o claims of contractors for compensation/damages etc. due to non-receipt of funds in time.

You are requested to convey acceptance of the above to enable this office to proceed further.

Yours faithfully,

Executive Engineer,
Karnal Central Division,
CPWD, 448, Subhash Cole
KARNAL-132001 (Hry.)

Abstract of Cost-Preliminary Estimate

State HARYANA

Branch KARNAL

DIVISION KARNAL CENTRAL

SUB-DIVISION KARNAL CENTRAL

Name of Work : Modified Estimate for Extension of existing connecting corridor upto MBA/MCA and LHC-Block in the Instruction Building at NIT, Kurukshetra.

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)
1	2	LOAD BEARING CONSTRUCTION				
1.1	2.1	Floor height 3.35mtr. (Office/College/ Hosp.)				
1.1.1	2.1.1	Single storeyed	296.00	15,000.00	sq.mtr.	44,40,000.00
1.2	2.5	Extra for :				
1.2.1	2.5.5	Foundations on poor soils having bearing capacity less than 10Tonne/ sq.mtr.	296.00	520.00	sq.mtr.	1,53,920.00
		Sub-Total				45,93,920.00
2	3	SERVICES				
2.1	3.3	Internal electric installations. (Non resi. Bldg)	4,440,000.00	12.50	100 B.cost	5,55,000.00
2.2	3.6	Extra for :				
2.2.1	3.6.1	Power wiring & plugs	4,440,000.00	4.00	100 B.cost	1,77,600.00
		Sub-Total				7,32,600.00
		Total				53,26,520.00
		Add Cost Index @1% (On Estimate Total 5,326,520.00)				53,265.20
		Total				53,79,785.20
		Add Contingencies @5%				2,68,989.26
		Total				56,48,774.46
		Add Labour Cess @1%				56,487.74
		Grand Total				57,05,262.20
		Say				57,05,300.0

(Rupees Fifty Seven Lakh Five Thousand Three Hundred only)

ASSISTANT ENGINEER (P)
KARNAL CENTRAL DIVISION
CPWD, KARNAL

EXECUTIVE ENGINEER
KARNAL CENTRAL DIVISION
CPWD, KARNAL

No. CC/173/1455

Dated: 17-12-2014

To

Executive Engineer (Elect.),
Central Electrical Division,
CPWD, 22-A, Indira Colony,
Karnal

Subject:- Revised Cost Estimate for providing audio system in Board Room, Golden Jubilee Administrative Building and Replacement/up gradation of audio systems installed in Senate Hall and Jubilee Hall of the Institute.

The Finance Committee of the Institute in their 30th meeting held on 19.09.2014 has decided as under for the work as sighted in the subject.

"Under item 19.10 the Finance Committee authorized Chairman, BoG to approve the cost estimate after critically examining all essential items of all the three works ensuring that the total cost for each work does not exceed 50 lacs.

Accordingly, you are requested to submit the revised cost estimate at the earliest, so that early action may be taken.

[Signature]
17/12/14
Dean (Estate)

Copy to:

SS to Director for the kind information of the Hon'ble Director.

SS to Registrar for kind information of the Registrar.

SE (Elect.) Chandigarh Central Electrical Circle, CPWD, Kendriya Sadan, Sector-9-A, Chandigarh.

SE (Civil) Chandigarh Central Circle, CPWD, Kendriya Sadan, Sector-9-A, Chandigarh.

Executive Engineer (Civil), CPWD, Karnal Central Division, 448 Subhash Colony, Karnal-132021

Prof. I/C (E & C)

Prof. I/C (EM)

A.E. (Civil)

meeting. Therefore, the B&WC approved the revised cost estimate for Rs. 64,79,500/-.

Item No. 19.9 To consider & approve the Cost Estimate for the provision of vitrified floor tiles in office chambers, class rooms and laboratories of various departments in the institute and Chemistry Deptt., Room no. E-222, class rooms and labs in Electrical Engg. Department at NIT Kurukshetra

Members observed that the matter has not been recommended by the Estate Affairs Committee. Therefore, it was resolved that the same be referred to EAC for its decision in the matter before bringing it as an agenda item to B&WC.

Item No. 19.10 To consider & approve the revised Cost Estimate for providing audio system in Board Room, Golden Jubilee Administrative Building including Jubilee Hall & Senate Hall at NIT Kurukshetra

The B&WC deliberated on the matter where Professor Incharge (EM) apprised that the existing audio systems in the Senate and Jubilee Halls are not functioning properly and have outlived their utility. These require periodic repair and maintenance and despite that they have become unreliable. Therefore, audio systems need to be replaced/upgraded. Further, the Board Room of Golden Jubilee Administrative Building does not have any audio system which creates difficulties in the conduct of official meetings.

After due deliberations on the matter, the B&WC approved the revised cost estimate amounting to Rs. 2,20,11,080/- for providing audio system in the Board Room of Golden Jubilee Administrative Building and replacement/upgradation of audio systems installed in Senate Hall and Jubilee Hall of the institute.

Item No. 19.11 To consider & approve the Cost Estimate for providing peripheral road along the external boundary wall of the institute for security and maintenance purpose at NIT Kurukshetra

The B&WC deliberated on the matter where it was pointed out by SE (E), CPWD that construction of peripheral road would increase the covered area of the institute, whereas NIT Kurukshetra needs to meet EIA (Environmental Impact Assessment) requirement of MOEF (Ministry of Environment and Forests) as it

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA -136 119

No. CC/3528/180

Dated: 22-12-2014

To

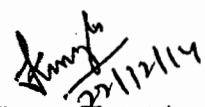
Executive Engineer (Civil),
CPWD, Karnal Central Division,
448 Subhash Colony,
Karnal-132021

Subject: - Revised Cost Estimate for peripheral road along the boundary wall of the Institute for security and maintenance purpose at NIT, Kurukshetra. (Item No. 11 of 19th B&WC)

The Building & Works Committee of the Institute in their 19th meeting held on 11.09.2014 & the Review Meeting held on October 8, 2014 at NIT, Kurukshetra with Sh. K.N. Rai, Former Executive Director, DRDO & Sh. A.K. Jain, Former Spl. DG, CPWD, has decided as under:-

"This work was discussed in 19th B&WC vide agenda item no. 19.11 and cost estimate was approved (Pl. refer minutes of 19th B&WC). The Review committee observed that the cost estimate is on higher side since specifications are quite rich. It was decided that the work be treated as patrol path and cost estimate be decreased by reducing the width and specifications of the same.

You are therefore, requested to submit revised cost estimates of the above work at the earliest, so that early action may be taken.


Dean (Estate)

Copy to:

- 1 SS to Director for the kind information of the Hon'ble Director.
- 2 SS to Registrar for kind information of the Registrar.
- 3 SE (Elect.) Chandigarh Central Electrical Circle, CPWD, Kendriya Sadan, Sector-9-A, Chandigarh.
- 4 SE (Civil) Chandigarh Central Circle, CPWD, Kendriya Sadan, Sector-9-A, Chandigarh.
- 5 Executive Engineer (Elect.), Central Electrical Division, CPWD, 22-A, Indira Colony, Karnal
- 6 Prof. I/C (E & C)
- 7 Prof. I/C (EM)
- 8 A.E. (Civil)

		accordingly request Chief Architect to prepare preliminary drawing before cost estimate is made.
10	Extension of existing connection corridor upto MBA/ MCA and LHC Block in the Instruction Building at NIT, Kurukshetra.	This was discussed in 19 th B&WC vide item no. 19.8 and the cost estimate was approved (Pl. refer minutes of 19 th B&WC). The Review Committee decided that the width of corridor should be maintained as per existing corridor and extra provisions be excluded to decrease the cost estimate.
11	Construction of 9 nos. permanent huts and 6 nos. temporary huts including water supply and sanitary installation at NIT, Kurukshetra.	This was discussed and approved in 17 th B&WC vide agenda item no. 17.6. A/A & E/S will be conveyed to CPWD after getting approval from competent authority of the Institute (Pl. refer minutes of 17 th B&WC).
12	Peripheral road along the boundary wall of the Institute for security and maintenance purpose at NIT, Kurukshetra.	This work was discussed in 19 th B&WC vide agenda item no. 19.11 and cost estimate was approved (Pl. refer minutes of 19 th B&WC). The Review committee observed that the cost estimate is on higher side since specifications are quite rich. It was decided that the work be treated as patrol path and cost estimate be decreased by reducing the width and specifications of the same.
13	Provision of staircase for residential quarters of Type BA, BB CB & CC & CA (Double Storey) at NIT, Kurukshetra.	This work was discussed in 18 th B&WC under item 18.3. It was informed that A/A and E/S has not been conveyed as this work is a low priority item as decided by EAC.
14	Providing ramps in boys & girls hostel and guest house at NIT, Kurukshetra.	It was informed by CPWD that vertical access with ramps is not feasible and hence work was dropped.
15	Provision of staircase for residential quarters of Type BA, BB, CB & CC at NIT, Kurukshetra.	This work was dropped as it was part of the work at Sr. No. 13.
16	Widening & strengthening of roads at NIT, Kurukshetra.	This work was dropped as it was part of the work at Sr. No. 1.
17	Construction of shopping complex of girls hostel at NIT Campus, Kurukshetra.	This work was dropped.
18	Construction of boundary wall for additional block of Health centre at NIT, Kurukshetra.	The item was not deliberated upon as it has already been completed.
19	Construction of boundary wall enclosing the Girls hostel at NIT, Kurukshetra.	This work was dropped. This work will be taken care of by the work of construction of Girls Hostels of 600 capacity.
20	Extension of existing corridor towards south ward upto road in the NIT Campus, Kurukshetra.	This item was dropped as this work is part of the work at Sr. no. 10.
21	Provision of 150000 litre capacity underground static water storage tank for	This work was dropped as this work will be taken care by the work of

भारत सरकार
केन्द्रीय लोक निर्माण विभाग
चण्डीगढ़ केन्द्रीय परिमण्डल
केन्द्रीय सदन, सैक्टर-9ए, चण्डीगढ़-160009

Dated. 17/12/14

संख्या:-च.के.परि./23(4515)नि.3/3725

दिनांक:- 11/12/14

सेवा में,

The Registrar,
National Institute of Technology,
Kurukshetra (Haryana).

विषय:- :- **Resurfacing of existing roads in residential and institutional area at NIT, Kurukshetra.**

महोदय,

उपरोक्त कार्य का 70,30,500/- रुपये राशि का प्रारम्भिक अनुमान इसके साथ दो प्रतियों में संलग्न किया जाता है । इस कार्य के लिए आवेदन आपके पत्र संख्या: CC/3529/149/6925 dated 03/05-11-2014 द्वारा भेजा गया था । आपसे अनुरोध है कि अनुमान को शीघ्र स्वीकृत करने की कृपा करें अन्यथा समय के साथ-साथ मूल्य सूचकांक में वृद्धि होने के कारण इस कार्य के निष्पादन में कठिनाई हो सकती है। कार्य की स्वीकृति करते समय लेखा शीर्ष (हैड ऑफ अंकाउंट) का नाम भी उल्लेख करने की कृपा करें।

संलग्न: अनुमान दो प्रतियां।

भवदीय

अधीक्षक अभियंता,
Telefax : 2743923

प्रतिलिपि: -

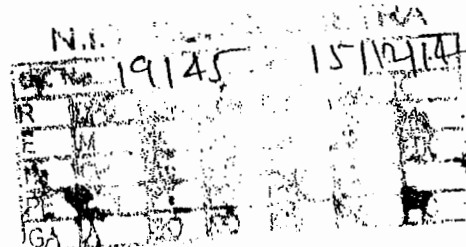
- 1 मुख्य अभियंता (उ.अं-1), के.लो.नि.वि., केन्द्रीय सदन, सैक्टर-9/ए, चण्डीगढ़।
- 2 कार्यपालक अभियंता, करनाल केन्द्रीय गण्डल, के.लो.नि.वि., करनाल को अनुमान की एक प्रति सहित ।

अधीक्षक अभियंता

Dean Estate
16/12/14

18/3/14 (580)

18/12/14



GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

STATE: HARYANA

DIVISION: KARNAL CENTRAL

BRANCH: B&R

Name of work :- Resurfacing of existing roads in residential and institutional area at NIT, Kurukshetra.

Major Head:

Minor Head:

Detailed Head:

This preliminary estimate framed by Er. Varun Kumar, Executive Engineer, Karnal Central Divn, CPWD, Karnal and further processed by Er. R.K. Gandhi, Executive Engineer (P), Chandigarh Central Circle, CPWD, Chandigarh of the probable cost of Rs. 73,30,500/- i/c 5% contingencies.

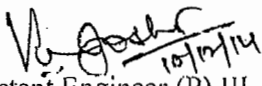
REPORT

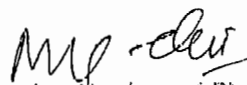
History: This preliminary estimate amounting to Rs.73,30,500/- i/c 5% contingencies has been framed to cover the probable cost of the above mentioned work for obtaining A/A & E/S from the competent authority. Earlier an estimate amounting to Rs.2,14,50,600/- for resurfacing and widening of existing roads was submitted to the client vide this office letter No.CCC/23(4515)/W-3/3110 dated 6-12-2013. During the 19th Building & Works Committee meeting held on 11-09-2014, it was decided to submit a fresh estimate leaving the widening work and only for resurfacing works. Subsequently, revised requisition for the above work has been received from NIT authorities vide their letter No.CC/3529/149/6925 dated 03/05-11-2014. Hence this estimate has been framed.

Design & Scope: Following provisions have been made in the estimate:-

- 1 Providing & applying tack coat on old bituminous surface.
- 2 Providing & laying dense bituminous concrete on old bituminous surface.
- 3 Painting road surface marking with road marking paint on bituminous surface.

Specifications: CPWD specification 2009 Vol-I & II with upto date correction slips.
Rate: As per DSR- 2014.
Amount: Rs. 73,30,500/- i/c 5% contingencies.
W.C.Estt.: Shall be met out of contingencies.
T&P:- Shall be arranged by the contractor.
Land: Available.
Method: By contract after call of tenders.
Time : For tendering process : 02 Months after receipt of A/A & E/S.
For execution : 03 Months.

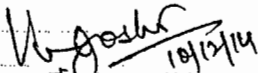
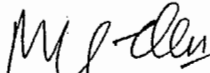

Assistant Engineer (P) III
Chandigarh Central Circle,
CPWD, Chandigarh.


Executive Engineer (P).
Chandigarh Central Circle,
CPWD, Chandigarh.

ORIGINAL ESTIMATE

Name of Work:- Resurfacing of existing roads in residential and institutional area at NIT, Kurukshetra.

Sr.No.	Description	Qty	Unit	Rate	Amount	DSR item No.
1.1	Providing and applying tack coat using hot straight run bitumen of grade VG - 10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications :					
1.1.1	On bituminous surface @ 0.50 Kg / sqm	16020	sqm	38.75	620775.00	16.30.2
1.2	Painting road surface marking with adequate nos of coats to give uniform finish with ready mixed road marking paint conforming to IS : 164, on bituminous surface in white/yellow shade, including cleaning the surface of all dirt, scales, oil, grease and foreign material etc. complete.					
1.2.1	New work (Two or more coats)	1220	sqm	122.15	149023.00	16.48.1
1.3	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge.					

Sr.No.	Description	Qty	Unit	Rate	Amount	DSR item No.
1.3.1	40/50 mm compacted thickness with bitumen of grade VG-30 @5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by eight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.	640	cum	9597.65	6142496.00	16.57.1
	Total				6912294.00	
	Add Contingencies @5%				345615.00	
	Total				7257909.00	
	Add Labour cess @1%				72579.00	
	Grand Total				7330488.00	
	Say Rs. 73,30,500/-					
	 Assistant Engineer (P) III CCC, CPWD, Chandigarh.				 Executive Engineer (P) CCC, CPWD, Chandigarh.	
	Preliminary estimate amounting to Rs.73,30,500/- (Rs. Seventy three lacs thirty thousand and five hundred only) is hereby submitted to client department for obtaining A/A & E/S of the competent authority.					
	Superintending Engineer, Chandigarh Central Circle, CPWD, Chandigarh.					

1.3.1 40/50 mm compacted thickness with bitumen of grade VG-30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.

640	cum	9597.65	6142496.00	16.57.1
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Total	6912294.00
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Add Contingencies @5%	345615.00
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Total	7257909.00
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Add Labour cess @1%	72579.00
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Grand Total	7330488.00
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Say Rs. 73,30,500/-

Assistant Engineer (P) III
CCC, CPWD, Chandigarh.

Executive Engineer.(P)
CCC, CPWD, Chandigarh.

Preliminary estimate amounting to Rs.73,30,500/- (Rs. Seventy three, lacs thirty thousand and five hundred only) is hereby submitted to client department for obtaining A/A & E/S of the competent authority.

Superintending Engineer,
Chandigarh Central Circle,
CPWD, Chandigarh.

No. CC/175/7463

Dated: 17-12-2014

To

Executive Engineer (Civil),
CPWD, Karnal Central Division,
448 Subhash Colony,
Karnal-132021

Subject: - Revised Cost Estimate for the construction of multi-storey building for faculty/officers having 40 apartments (Item No. 7 of 19th B&WC) and construction of Type-II and Type-III houses for non-teaching staff at NIT, Kurukshetra (Item No. 14 of 19th B&WC).

The Finance Committee of the Institute in their 30th meeting held on 19.09.2014 has decided as under:-

"Under item 19.7 and 19.14 of Building and Works Committee, Finance Committee desired the approved cost by Building and Works Committee be revisited as the cost of construction per sq. meter is quite on higher side". (copy enclosed)

You are, therefore, requested to submit revised cost estimates of the above works at the earliest, so that early action may be taken.

[Signature]
Dean (Estate)
17/12/14

Copy to:

- 1 SS to Director for the kind information of the Hon'ble Director. *[Signature]* 17/12/14
- 2 SS to Registrar for kind information of the Registrar.
- 3 SE (Elect.) Chandigarh Central Electrical Circle, CPWD, Kendriya Sadan, Sector-9-A, Chandigarh.
- 4 SE (Civil) Chandigarh Central Circle, CPWD, Kendriya Sadan, Sector-9-A, Chandigarh.
- 5 Executive Engineer (Elect.), Central Electrical Division, CPWD, 22-A, Indira Colony, Karnal
- 6 Prof. I/C (E & C) *[Signature]* 17/12/14
- 7 Prof. I/C (EM) *[Signature]* 17/12/14
- 8 A.E. (Civil) *[Signature]* 17/12/14

four PG schools. Later, as per decision taken in 18th B&WC, in order to meet the increasing space requirements of the institute, e.g. more faculty offices, class rooms, tutorial rooms, conference rooms, seminar rooms etc. were added to the structure (now G+5). This has resulted in an increase in plinth area (which includes area of all the floors) from approx. 10,000 sqm to approx. 31,000 sqm. The B&WC approved the cost estimate for an amount of Rs. 122,95,32,700/-.

Item No. 19.6 ✓ To consider & approve the Cost Estimate for providing Concertina coil over the institute boundary for security purpose at NIT Kurukshetra

The Chairman, B&WC pointed out that in detailing of the item, it has been wrongly mentioned that Chairman BOG held a meeting with "Director and other officers". Instead, it should read "Dean (Estate) and the security expert Sh. K N Rai" and the same be corrected. The B&WC considered the issue and it was resolved that concertina coil be provided all along the periphery maintaining its height at 7 feet above the ground level. The B&WC approved the cost estimate for Rs. 53,03,000/-.

Item No. 19.7 ✓ To consider & approve the Cost Estimate for the construction of multi-storey building for faculty/officers having 40 apartments at NIT Kurukshetra

The B&WC considered and approved the cost estimate for the construction of multi-storey building for faculty (Professors/Associate Professors/Assistant Professors)/Officers having 40 apartments at NIT Kurukshetra for an amount of Rs. 26,83,62,400/- keeping in view the shortage of faculty houses.

Item No. 19.8 ✓ To consider & approve the revised Cost Estimate for extension of existing connecting corridor upto MBA/MCA and LHC block in the Instructional Building at NIT Kurukshetra

The B&WC deliberated on the matter and observed that the cost estimate has increased from Rs. 29.26 lakh to Rs. 64,79,500/- with the increase in area due to additional scope of work in the form of a big hall and two extra wide corridors in front of LHC block and MBA/MCA block as decided in previous B&WC

has already exceeded the limit of paved area. In the light of above, the matter of providing peripheral road along the external boundary wall of the institute for security and maintenance purpose was approved in principle for an amount of Rs. 2,03,60,300/- pending EIA clearance from MOEF before starting the work.

Item No. 19.12 To consider & approve the cost estimate for the provision of resurfacing and widening of existing roads in residential campus and institutional area at NIT Kurukshetra

The B&WC deliberated on the matter of provision of resurfacing and widening of existing roads in residential campus and institutional area of the institute for an amount of Rs. 2,14,50,600/-. It was observed that the existing roads have adequate width and there has not been any increase in traffic as the proposed roads are mostly in residential area. Therefore, it was resolved that only resurfacing work be done. The Chairman, B&WC was authorized to approve the revised cost estimate.

Tabled Item No. 19.13 ✓ To consider & approve the cost estimate for the provision of construction of verandah for non-teaching staff club situated in F-type quarters at NIT Kurukshetra

The B&WC deliberated on the matter and approved the cost estimate for the provision of construction of verandah for non-teaching staff club situated in F-type quarters at NIT Kurukshetra for an amount of Rs. 41,47,400/- for holding various functions by the non-teaching staff.

Tabled Item No. 19.14 ✓ To consider & approve the cost estimate for provision of construction of Type-II and Type-III houses for non-teaching staff at NIT Kurukshetra

During deliberations, it was brought to the notice that number of houses for Class II and Class III employees of the institute is inadequate as compared to their sanctioned strength. Therefore, the B&WC committee approved the cost estimate for provision of construction of Type-II and Type-III houses for non-teaching staff at NIT Kurukshetra for an amount of Rs. 9,32,60,600/-. The B&WC further resolved that Non-teaching G-type quarters which were meant for Class IV employees be renovated and utilized for ad hoc faculty, research scholars, married PG students and JRFs.

Item No. 20.3 To consider & approve the cost estimate for providing drainage system and Mural at Kirmach Road Gate at NIT, Kurukshetra

As the main gate of the Institute on the Kirmach Road side requires decent look, the Institute authorities requested the Chief Architect, CPWD to suggest the improvements in the outlook of the gate. The Chief Architect suggested for provision of mural works and drainage arrangements at the gate and demanded Rs. 8,42,800/- through the letter of EE(Civil), CPWD Karnal vide letter No. 20/(142)/PS/KCD/2014/3642 dated 5.11.2014. The EAC in its meeting held on 03.12.2014 decided that the proposal of Chief Architect be accepted and estimate be put up before Chairman, B&WC for necessary approval in anticipation of B&WC and the same be reported in ensuing B&WC meeting. This decision was made in EAC because the B&WC meeting was not scheduled at that time.

Now, the B&WC meeting is being convened the matter is placed before B&WC for consideration and approval of the cost estimate of Rs. 8,42,800/- for the above cited work.

(7)

Speed post

केन्द्रीय लोक निर्माण विभाग
करनाल केन्द्रीय मण्डल

448, सुभाष कालोनी, करनाल

संख्या- 20(142)/यो.शा.क.के.मं/2014/ 2642

सेवा में,

The Dean, (Estater)
NIT, Kurukshetra

विषय : Providing drainage system and Mural at Kirmach Road Gate at Kurukshetra.

महोदय,

उपरोक्त कार्य का प्रारम्भिक प्राक्कलन जिसकी लागत रुपये 8,42,800/- है

आपके कार्यालय से प्रशासनिक स्वीकृति एवं व्यय मंजूरी प्राप्त करने हेतु संलग्न है।

आपसे अनुरोध है कि उपरोक्त स्वीकृति जल्दी से जल्दी भेजें ताकि अग्रिम कार्यवाही की जा सके। प्राक्कलन की एक प्रति भी संलग्न करें तथा उपरोक्त कार्य के लिये धन जल्दी से जल्दी जमा करवायें।

भवदीय,

संलग्न : उपरोक्त दो प्रतियों में।

कार्यपालक अभियंता
करनाल केन्द्रीय मंडल
के.लो.नि.वि,करनाल

प्रतिलिपि :-

1. सहायक अभियन्ता, कुरुक्षेत्र केन्द्रीय उप-मण्डल, के.लो.नि.वि, कुरुक्षेत्र को सूचनार्थ।

कार्यपालक अभियंता

Forward 8

GOVERNMENT OF INDIA

CENTRAL PUBLIC WORKS DEPARTMENT

State HARYANA
Branch KARNAL

DIVISION KARNAL CENTRAL
SUB-DIVISION KARNAL CENTRAL

Name of Work : Providing drainage system and Mural at Kirmach Road Gate at NIT Kurukshetra.

Major Head	Minor Head	Detailed Head
------------	------------	---------------

This estimate has been framed by Er. Varun Kumar, Executive Engineer, Karnal Central Division, CPWD, Karnal for Rs. 8,42,800/- i/c 5% contingencies.

REPORT

History This detailed cum preliminary estimate amounting to Rs. 8,42,800/- i/c 5% contingencies has been framed to cover the probable cost of the above mentioned work for accord of A/A & E/S by the competent authority. The requisition has been received during the meeting with Dean (Estate) on dated 28-10-2014. Hence this estimate has been framed.

Design Following Provision has been made in this estimate.
1. Providing and laying NP2 class R.C.C pipes of dia 250 mm.
2. Construction of Man holes of size 90x80x45 cm.
3. Providing and fixing Mural on the substation wall side as approved by NIT, authorities.

Specification CPWD Specification 2009 vol.I & II with uptodate correction slips

WC Establishment Shall be met out of contingencies

T. & P. Shall be arranged by the contractor


Land Available


Rate DSR 2013 with upto date correction slips & market rate

Method Through contract after call of tenders

Time 02 Months

Cost Rs. 8,42,800/- i/c 5% contingencies.


ASSISTANT ENGINEER (P)
KARNAL CENTRAL DIVISION
CPWD, KARNAL


EXECUTIVE ENGINEER
KARNAL CENTRAL DIVISION
CPWD, KARNAL

-64-

LETTER OF ACCEPTANCE OF DEPOSIT WORKS

(To be issued to the client department)

To

The Dean,
NIT, Kurukshetra

Sub: Execution of Deposit works.

Providing drainage system and Mural at Kirmach Road Gate at NIT Kurukshetra. (Indicate name of work)

The above work can be taken up by the CPWD as a Deposit work under Para 118-119 of CPWD Code, subject to the following:

1. Full estimated cost of work as worked out by CPWD including departmental charges will have to be deposited by the client department before the work is taken up for execution. No interest will be paid by CPWD to the client department for such deposits.
2. The client department should hand over vacant possession of land/site to CPWD. CPWD may, if so required, take responsibility for demolition /disposal of existing buildings/structures.
3. CPWD does not bind itself to complete the work within the estimated cost. If additional fund's are required, the same will have to be provided by the client department. Necessary revised estimate will be submitted as and when required.
4. Any dispute arising out of the operation of the contract (s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
5. Funds for making payment of all amounts which may be decreed by a Court of Law, Tribunal or by Award of an arbitrator in relation to the deposit work will be made available by the client department promptly irrespective of it not being a party before the Court, Tribunal or arbitrator. Such payments will be addition to the payments made to the contractors for execution of work.
6. After receipt of A/A & E/S from the client department, the CPWD will prepare and submit various detailed architectural drawings and service plans to local bodies whose approvals are required before taking up the construction work. These local bodies are independent organization and CPWD has no control over them. These local bodies taken their own time for approving the Plans. The time required to get such approvals is not included in the time of construction indicated in the estimate. Although CPWD will make all efforts to get such approvals early, it may be necessary for the client department also to pursue with Local Bodies for early approval.
7. The CPWD has no funds of its own for investing in the work. The client should, therefore, ensure that adequate funds are available with CPWD for executing the work. In case the client department fails to provide funds as per requirements, it may be necessary for CPWD to suspend/abandon the work. In such eventuality, the client department shall be solely responsible for all the consequences arising out of such stoppage/abandonment of work including claims of contractors for compensation/damages.
8. The client department will help CPWD in -a) providing site for labour huts for the contractor's labour free of cost, b) providing free access to contractor's material and labour to the site of work. C) providing electricity connection for execution of work on payment of usual charges, and d) sanction and release of load from the concerned electricity boards/authority.
9. CPWD may at its discretion allow the clients to deposit the funds in installments. In such case 33 1/3% would be retained for adjustment against the last portion of the estimated expenditure.
10. In case where funds are deposited in installments, CPWD will not be responsible for any delay, damage, stoppage of work, claims of contractors for compensation/damages etc. due to non-receipt of funds in time.

You are requested to convey acceptance of the above to enable this office to proceed further.

Yours faithfully,

Executive Engineer,
Karnal Central Division,
CPWD-448, Subhash Colony
KARNAL-132001 (Hry.)

Original Estimate

N/A Providing drainage system and Mural at Kirmach Road Gate at NIT Kurukshetra.

SLNo	Description	Qty	Unit	Rate	Amount	DSR No.
1	EARTH WORK					2
1.1	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :					2.1
1.1.1	All kinds of soil					2.10.1
1.1.1	Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm	275	metre	300.90	82748.00	2.10.1.3 SR
	Sub-Total				82748.00	
2	DRAINAGE					19
2.1	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :					19.6
2.1.1	250 mm dia. R.C.C. pipe	270	metre	455.90	123093.00	19.6.3 SR
2.2	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :					19.7
2.2.1	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :					19.7.1
2.2.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	15	each	8062.70	120941.00	19.7.1.1 SR
2.3	Extra for depth for manholes :					19.8
2.3.1	Size 90x80 cm					19.8.1
2.3.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.5	metre	5481.40	13704.00	19.8.1.1 SR
2.4	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete :					19.21
2.4.1	For pipes 250 to 300 mm diameter	2	each	394.75	790.00	19.21.2 SR
	Sub-Total				258528.00	
3	NSR					50
3.1	Providing and fixing Mural Complete in all respects, as approved by client department on the substation wall at Kirmach Road Gate side.	1	Each	450000.00	450000.00	50.478 MR
	Sub-Total				450000.00	
	Total				791276.00	

Subject: Minutes of meeting of the Estate Affairs Committee held on
03.12.2014 at 11.00 am

A meeting of Estate Affairs Committee was held on 03.12.2014 (Wednesday) in office chamber of the Dean (P & D) in Golden Jubilee Administrative Building under the Chairmanship of Prof. V.K. Sehgal, Dean (P & D) to discuss the following agenda items:

- 1 Scope of Convention Hall at NIT, Kurukshetra.
- 2 Request regarding waiving off the penalty amount of lifts.
- 3 To consider the extension in time period for shifting in flats of the newly constructed multi- storied building.
- 4 To discuss the matter regarding payments to CPWD for the works of;
 - (i) Supply of Electricity to newly constructed multi-storeyed building from HT/LT line of the Institute.
 - (ii) Providing drainage system and Mural design at Kirmich road side gate.
- 5 Registration of projects with ADaRSH for GRIHA rating and Certification for the new projects
- 6 To discuss Preliminary Kitchen Layout Plan of 600 seaters girls hostel at NITK.
- 7 Any other item.

Following were present in the meeting:

- | | |
|--|-----------------|
| 1. Prof. V.K. Sehgal
Dean (P&D) | Chairman |
| 2. Prof. K.K. Singh
Dean (Estate) | Member |
| 3. Dr. Saurabh Chanana
Prof. I/C (EM) | Member |
| 4. Asstt. Prof. Anil Dahiya
Prof. I/C (H&L) | Member |
| 5. Sh. Lalit Kumar
J.E. (Civil) | Special Invitee |
| 6. Sh. Satinder Pal Singh
J.E. (Elect.) | Special Invitee |

Prof. Ashwani Jain, Prof. I/C (E & C), member could not attend the meeting being on examination duty. Prof. S.K. Patidar, Prof. I/C (S & C), member, and Sh. S.N. Kaushik, A.E. (Civil), special invitee were on leave.

The Estate Affairs Committee took up the following decision:

Agenda 1. Scope of Convention Hall at NIT, Kurukshetra

In the Review meeting held on 08.10.2014 with Sh. K.N. Rai, Former Executive Director, DRDO & Sh. A.K. Jain, Former Spl. DG, CPWD, (copy enclosed) it was decided that the EAC will discuss additional scope of works of the Convention Centre on its suggestion which is reproduced below:

"The building should have maximum seating capacity of 2000 persons. In addition to this, Convention Centre should have two halls for organizing conferences/workshop etc. each having capacity of 200 persons. There should also be spaces for arranging lunch for 500 persons at a time, cafeteria, hobby centre etc."

After extensive deliberations, the EAC endorsed the suggestions from the Review meeting with minor modifications in increase in capacities of two conference/ workshop halls from 200 to 250 persons, if the space below the auditorium hall permits. The Dean (Estate) was authorized to communicate to Chief Architect, CPWD in this regard for preparation of Architectural Drawings.

Agenda 2. Request regarding waiving off the penalty amount of lifts.

After deliberating on the matter the committee decided that a committee be constituted keeping Prof. Ashwani Jain and Prof. Ashwani Kumar as the member being the Prof. I/C (E&C) and Prof. I/C (EM) respectively during the completion of the work of Construction of 20 Nos. Prof. & 20 Nos. Asstt. Prof. Multi Storeyed Building. Finally, the committee of the following members was constituted to prepare a comprehensive report on the claims made by the vendor for waiving off the penalty amount:

- | | |
|--------------------------------|-------------------|
| 1. Prof. Ashwani Kumar, | Chairman |
| Professor, Elect. Engg. Deptt. | |
| 2. Prof. Ashwani Jain, | Member |
| Professor, Civil Engg. Deptt. | |
| 3. Dr. Saurabh Chanana, | Member & Convener |
| Prof. I/C (EM) | |

The comprehensive report should be submitted before EAC as early as possible so that early decision could be taken.

Agenda 3. To consider the extension in time period for shifting in flats of the newly constructed multi storied building

The matter was already discussed in the meeting of House Allotment Committee (HAC) held on 27.11.2014 under the chairmanship of Dean (P&D) (copy enclosed). The EAC decided the decision made in HAC be followed.

Agenda 4. To discuss the matter regarding payments to CPWD for the works of;

- (i) **Supply of Electricity to newly constructed multi - storeyed building from HT/LT line of the Institute**

The EAC in its previous meeting held on dated 05.11.2014, decided that the lifts of the multi-storeyed building should be connected with DG power backup, since the entire HT/LT load of the Institute is being connected with DG power backup, it was recommended that the payment for this work be made from the work of provision of DG power backup at various locations in the institute, which has already been allotted to CPWD, vide letter No. CC/21/380, dated 23.01.14 (copy enclosed).

- (ii) **Providing drainage system and Mural design at Kirmich road side gate.**

As the main gate of the Institute on the Kirmich road side requires decent look, the Institute authorities requested the Chief Architect, CPWD to suggest the improvements in the outlook of the gate. The Chief Architect suggested mural works and drainage arrangements at the gate and demanded the release of funds for the work. After discussions, the EAC decided that the proposal of Chief Architect be accepted and estimate be put up before Chairman, BWC for necessary approval in anticipation of BWC and the same be reported in ensuing BWC meeting.

Agenda 5. Registration of projects with ADARSH for GRIHA rating and Certification for the new projects

The matter was discussed and the committee approved the proposal received from the Chief Architect, CPWD, Chandigarh for registration of new projects.

Agenda 6. To discuss Preliminary Kitchen Layout Plan of 600 seaters girls hostel at NITK

The committee authorized J.E. (Civil) to discuss the layout plan with the Chief Warden (Girls Hostel) and the suggestions/ modifications required be sent to the Dean (Estate) within time period of one week for further necessary action.

Agenda 7. Any other item

- (i) Letter received from Department of Revenue & Disaster Management, (Govt. of Haryana), Chandigarh regarding guidelines on Seismic retrofitting of deficient buildings and structures

In this matter the committee decided that a request be sent to CPWD to inspect the safety aspects of all the institute buildings as per NDMA Guidelines and suggest seismic retrofitting requirements in unsafe buildings/ structures, if any.

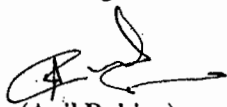
- (ii) Request received from Dr. Anil Dahiya, Asstt. Prof. Elect. Engg. Deptt. Regarding safety from burglary through grills enclosing drainage pipes of the building


The EAC decided that a committee of following members will examine the site:

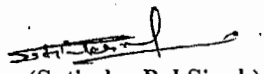
1. Assistant Engineer (Civil)
2. Junior Engineer (Mechanical)
3. Junior Engineer (Civil)
4. Junior Engineer (Electrical)

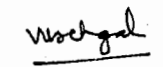
The above committee will submit its report to the Dean (Estate) at the earliest, which shall be placed in EAC for decision.

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



(Anil Dahiya)
Prof. I/C (H&L)


(Lalit Kumar)
J.E. (Civil)


(Satinder Pal Singh)
J.E. (Elect.)


(V.K. Sehgal)
Dean (P&D)

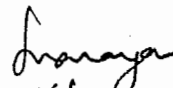

(K.K. Singh)
Dean (Estate)

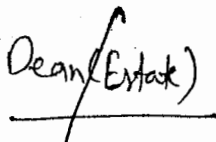

(Saurabh Chanaana)
Prof. I/C (EM)

Registrar

DIRECTOR

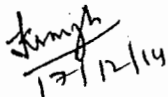
Submitted for kind consideration.


14/12/14

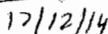

Dean (Estate)


Anil Dahiya

for n a m


17/12/14

SA


17/12/14

Item No. 20.4

To consider and approve the cancellation of the allotted work for covering of newly constructed open air theater at NIT, Kurukshetra i/c providing & installation of electrical fittings and services with equipments to CPWD

The work of covering of newly constructed open air theater at NIT, Kurukshetra i/c providing & installation of electrical fittings and services with equipments was approved in its 16th meeting held on 19.11.2012 vide item no. 16/6. Subsequently, A/A & E/S was communicated to CPWD vide letter No. CC/22/381 dated 24.01.2014.

The Review Meeting held on October 8, 2014 at NIT, Kurukshetra with Sh. K N Rai, Former Executive Director, DRDO and Sh. A K Jain, Former Spl. DG, CPWD, the experts nominated by Finance Committee of the Institute to monitor progress of on-going Building Works, review of Cost Estimates of newly proposed Buildings and suggest further improvements. The Committee suggested that the item no. 2 of the minutes of review meeting (copy enclosed) i.e. **covering of newly constructed open air theater at NIT, Kurukshetra i/c providing & installation of electrical fittings and services with equipments** be dropped and a new building of Convention Centre may be constructed in future which will take care of all the requirements as envisaged in the said work.

The Building & Works Committee may consider and approve the above decision and allow for withdrawal of A/A & E/S from CPWD.

- 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.

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA -136 119

No. CC/22/381

Dated: 23-01-2014
24

To

The Executive Engineer (Civil)
Central Public Works Department
Karnal Central Division
448, Subhash Colony
Karnal

Subject:- Administrative approval & Expenditure sanction works allotted to CPWD, Karnal at NIT, Kurukshetra.

The administrative approval and expenditure sanction is hereby conveyed for the execution of the following work with the estimated amount as under:

Sr. No.	Name of Work	Estimated Cost (Rs. in Lacs)
1.	Provision for Covering of Newly Constructed Graded seating arrangement for 2000 persons in Open Air Theatre at NIT, Kurukshetra	305.60

Copy to:

1. SS to Director for the kind information of the Hon'ble Director.
2. Chief Engineer (NZ-I), Chandigarh CPWD, Kendriya Sadan, Sector-9, CPWD, Chandigarh.
3. SE (Elect.) Chandigarh Central Electrical Circle, Kendriya Sadan, Sector- 9-A, CPWD, Chandigarh.
4. SE (Civil) Chandigarh Central Circle, Kendriya Sadan, Sector-9-A, CPWD, Chandigarh.
5. Executive Engineer (Elect.), Central Public Works Department, Karnal Central Electrical Division, 22-A Indira Colony, Karnal-132021
6. Registrar
7. Prof. I/C (E & C) ✓
8. Prof. I/C (EM) ✓ 27/1/14
9. DR (Acs) ✓ 27/1/14
10. Executive Engineer, Construction Cell
11. A.E. (Civil) ✓
12. J.E. (Elect.)
13. J.E. (Civil) ✓ 27/1/14

Dean (Estate)
23/1/14
23/1/14
23/1/14

Subject: Minutes of the Review Meeting held on October 8, 2014 at NIT, Kurukshetra with Sh. K.N. Rai, Former Executive Director, DRDO & Sh. A.K. Jain, Former Spl. DG, CPWD, the experts nominated by Finance Committee of the Institute to monitor progress of on-going Building Works, review of Cost Estimates of newly proposed Buildings and suggestions for further improvements

A meeting of the Review Committee was held on 08-10-2014 at 11:00 AM in the Board Room of Golden Jubilee Administrative Building to review & discuss the various issues related to Building & Works of the Institute.

Following were present:

- | | | |
|-----|--|----------|
| 1 | Sh. K.N. Rai, Former Executive Director, DRDO, Delhi | In Chair |
| 2. | Sh. A.K. Jain, Former Spl. DG, CPWD | |
| 3. | Sh. Harnam Singh, Chief Engineer, CPWD, Chandigarh | |
| 4. | Sh. P. K. Verma, Chief Architect, CPWD, Chandigarh | |
| 5. | Sh. M.P. Singh, Superintending Engineer (Civil), CPWD, Chandigarh | |
| 6. | Sh. Rajeev Sao, Superintending Engineer (Elect.), CPWD, Chandigarh | |
| 7. | Sh. Varun Kumar, Executive Engineer (Civil), CPWD, Karnal | |
| 8. | Sh. Lakhbir Singh, Executive Engineer (Elect.), CPWD, Karnal | |
| 9. | Prof. K K Singh, Dean (Estate) | |
| 10. | Prof. Ashwani Jain, Prof. I/C (E&C) | |
| 11. | Prof. Ashwani Kumar, Prof. I/C (EM) | |
| 12. | Dr. Anil Dahiya, Prof. I/C (H&L) | |
| 13. | Sh. S N Kaushik, Asstt. Engineer (C), NIT, Kurukshetra | |
| 14. | Sh. Lalit Kumar, J.E. (C), NIT, Kurukshetra | |
| 15. | Sh. Satinder Singh, J.E. (E), NIT, Kurukshetra | |

The decisions on various items as per agenda of the meeting are as under:

1. Campus Layout Plan

Master Plan of the Institute as prepared by the CPWD was presented by Chief Architect. The experts advised that Master Plan should be presented in blocks showing different zones of the Institute such as hostels, institutional, residential area etc. CPWD was also advised to include in master plan, demolition of single storey old buildings in phased manner. It was resolved that the final master plan work should be completed within next 15 days and presented to the Institute.

2. & 3. Current sanctions accorded & progress on these Sanctions

As all the new construction works are being carried by sole agency, i.e. CPWD, therefore, it was asked to present the status of progress made on the ongoing works. On behalf of CPWD, Sh. M. P. Singh, Superintending Engineer (Civil) presented the progress of ongoing works as listed in Annexure-I. CPWD requested to allow more time for completion of works mentioned at Sr. No. 4 & 5, which was acceded to and completion time limit was extended up to December 31, 2014.

The second list of works presented was on works for which A/A & E/S has been received by CPWD but the works did not start as shown in Annexure-II. The committee decided that the work mentioned at the item No. 2 be dropped and building for Convention Centre should

take care of all the requirements as envisaged by covering of the OAT. This may be reported in next B & WC meeting as it has already been approved by it and A/A & E/S has also been communicated to CPWD.

The committee also discussed broader scope of works for Convention Centre building. It was decided that the building should have maximum seating capacity of 2000 persons. In addition to this, Convention Center should have two halls for organizing conferences/workshop etc. each having capacity of 200 persons. There should also be spaces for arranging lunch for 500 persons at a time, cafeteria, hobby center etc. It was also resolved that EAC will discuss additional scope of works of the building and the same will be communicated to Chief Architect for preparation of preliminary drawing.

4. Works under planning/ pending sanction.

CPWD also presented the list of works enclosed as Annexure -III, for which requisition for Preliminary Estimate was made by the Institute, but the A/A & E/S were pending. Each work of the list was discussed and the corresponding decision is stated in the table. Chief Architect/ Chief Engineer, CPWD, Chandigarh will record the decision for further necessary action.

Sr. No.	Name of work	Decision
1	Resurfacing and widening of existing roads in residential and institutional area at NIT, Kurukshetra.	This works as discussed in 19 th B&WC vide item no. 19.12 and was decided that the only re-surfacing work should be done and accordingly revised cost estimate be obtained from CPWD for approval of Chairman B&WC (Pl. refer to minutes of 19 th B&WC). The work be included from next financial year in budget provisions.
2	Provision of vitrified tile in the chemistry department, Room No. E-222, in the class rooms and labs of electrical department at NIT, Kurukshetra.	CPWD was informed that this work and the work mentioned at Sr. No. 5 were clubbed together and discussed in 19 th B&WC vide item 19.9. The B&WC resolved that the work should be referred back to EAC for discussion before bringing it to B&WC. Consequently, the matter was discussed in EAC which resolved that there is no need of providing vitrified floor tiles in upper floors due to concerns of durability, and structural safety as it will increase the dead load of the structure. However, it was decided that at ground floor vitrified tiles may be provided, if required and the work shall be handled in phases by Estate Section of the Institute. Thus, CPWD was requested to drop this work from the list (Pl. refer to minutes of 19 th B&WC).

3	C/o 4 Nos. ATM rooms in the NIT Campus, Kurukshetra.	It was decided that there is no need of construction of new rooms for ATM. The requirement of additional ATMs may be met from by sparing rooms from the existing buildings. CPWD was requested to drop this work from the list.
4	Provision of water proofing treatment of existing terrace/ mud phaska and concreting/ repair of parapet, coping and balconies and plastering of external walls in teaching and non-teaching houses at NIT, Kurukshetra.	The work was placed in 19 th B&WC vide item 19.4. The B&WC observed that for maintenance work, the estimate seems to be very high. The item was deferred till the submission of a report for the same within two months by a committee which would include Dr. S K Madan, Professor in Civil Engineering, Professor Incharge (E&C), Asstt. Engineer (C). The committee will base its report on inputs from estate section which will carry out on-site visits to identify the type of house, details of repair work required and comprehensive cost estimate. The Chairman, B&WC was authorized to approve the revised cost estimate. The Review Committee decided that representative from CPWD be added to the above Committee to take inputs from CPWD also, it being the executing agency. It was further decided that the committee should submit its report by November 15, 2014. It was also decided that the work be taken up in two phases. In the first phase water proofing work should be completed and in the second phase, all special repairs such as repair of chhajja, parapet wall, coping etc. be taken up.
5	Renovation if existing lecture theatre at NIT, Kurukshetra. SH : Providing vitrified tiles in Civil Engineering Block, Mechanical Engineering department, Applied Mechanics Block, AB Block, MBA, Electronics and Communication department and workshops.	Already combined with the work at Sr. No. 2.
6	C/o Additional floor over Computer Engineering Deptt. at NIT, Kurukshetra.	It was decided that this work should be dropped from the list as suggested by the Sr. Architect, CPWD.
7	C/o Additional Examination Hall (G+3) at NIT, Kurukshetra.	This work was discussed as an agenda item in the 19 th B&WC meeting under item 19.3 and conditional approval was given (Pl. refer to minutes of 19 th B&WC).
8	Construction of badminton hall at NIT, Kurukshetra.	These two works were clubbed together in the building of Community Centre. It was decided that EAC may discuss the scope of the works for the building and
9	Construction of community hall at NIT, Campus, Kurukshetra.	

		accordingly request Chief Architect to prepare preliminary drawing before cost estimate is made.
10	Extension of existing connection corridor upto MBA/ MCA and LHC Block in the Instruction Building at NIT, Kurukshetra.	This was discussed in 19 th B&WC vide item no. 19.8 and the cost estimate was approved (Pl. refer minutes of 19 th B&WC). The Review Committee decided that the width of corridor should be maintained as per existing corridor and extra provisions be excluded to decrease the cost estimate.
11	Construction of 9 nos. permanent huts and 6 nos. temporary huts including water supply and sanitary installation at NIT, Kurukshetra.	This was discussed and approved in 17 th B&WC vide agenda item no. 17.6. A/A & E/S will be conveyed to CPWD after getting approval from competent authority of the Institute (Pl. refer minutes of 17 th B&WC).
12	Peripheral road along the boundary wall of the Institute for security and maintenance purpose at NIT, Kurukshetra.	This work was discussed in 19 th B&WC vide agenda item no. 19.11 and cost estimate was approved (Pl. refer minutes of 19 th B&WC). The Review committee observed that the cost estimate is on higher side since specifications are quite rich. It was decided that the work be treated as patrol path and cost estimate be decreased by reducing the width and specifications of the same.
13	Provision of staircase for residential quarters of Type BA, BB CB & CC & CA (Double Storey) at NIT, Kurukshetra.	This work was discussed in 18 th B&WC under item 18.3. It was informed that A/A and E/S has not been conveyed as this work is a low priority item as decided by EAC.
14	Providing ramps in boys & girls hostel and guest house at NIT, Kurukshetra.	It was informed by CPWD that vertical access with ramps is not feasible and hence work was dropped.
15	Provision of staircase for residential quarters of Type BA, BB, CB & CC at NIT, Kurukshetra.	This work was dropped as it was part of the work at Sr. No. 13.
16	Widening & strengthening of roads at NIT, Kurukshetra.	This work was dropped as it was part of the work at Sr. No. 1.
17	Construction of shopping complex of girls hostel at NIT Campus, Kurukshetra.	This work was dropped.
18	Construction of boundary wall for additional block of Health centre at NIT, Kurukshetra.	The item was not deliberated upon as it has already been completed.
19	Construction of boundary wall enclosing the Girls hostel at NIT, Kurukshetra.	This work was dropped. This work will be taken care of by the work of construction of Girls Hostels of 600 capacity.
20	Extension of existing corridor towards south ward upto road in the NIT Campus, Kurukshetra.	This item was dropped as this work is part of the work at Sr. no. 10.
21	Provision of 150000 litre capacity underground static water storage tank for	This work was dropped as this work will be taken care by the work of

	fire fighting in Mega boy's hostel (1000 capacity) at NIT Campus, Kurukshetra.	construction of Girls Hostels of 600 capacity as discussed in the 19 th B&WC meeting
22	Development of three main parks of teaching and non-teaching colony along with provision of rain water harvesters & jogging tracks at NIT, Kurukshetra.	This work was dropped not being priority item.
23	Developments of park (civil work) in the Institutional area at NIT, Kurukshetra.	This work was dropped not being priority item.
24	Improvement of water supply system in old residential area at NIT, Kurukshetra.	This item was dropped.
25	Providing barbed wire (concertina coil) fencing an existing boundary wall of NIT, Kurukshetra.	This item was dropped as it is being taken care by the work approved in 19 th B&WC vide item No. 19.6 (Pl. refer minutes of 19 th B&WC). The work be included in this financial year in budget provisions.
26	C/o verandah for Non-Teaching staff club situated in F- Type Quarters at NIT, Kurukshetra.	This was discussed under vide item No. 19.13 in the 19 th B&WC meeting and item was approved (Pl. refer minutes of 19 th B&WC).
27	Expansion of Library Building, providing property counter facility for students and fully air conditioning library at NIT, Kurukshetra.	This work was dropped as decided in EAC being non-priority item.
28	Cost estimated for alteration in the Director Residence A-1 as per latest norms of Ministry of Urban Development, Govt. of India.	This work was dropped as decided in EAC.
29	C/o additional T-III/20 nos. (E-type) & item was approved Type-II/20 nos. (F-type) houses for non-teaching staff at NIT, Kurukshetra.	This was discussed under vide item No. 19.14 in the 19 th B&WC meeting and It was decided that CPWD will provide justification for high cost per sqm for the building. (Pl. refer minutes of 19 th B&WC)
30	C/o additional Multi- Storeyed building (G+5) of Faculty (20 Nos. Professors and 20 Nos. Associate Professors) at NIT, Kurukshetra.	This was discussed under vide item No. 19.7 in the 19 th B&WC meeting and It was decided that CPWD will provide justification for high cost per sqm for the building. (Pl. refer minutes of 19 th B&WC)
31	C/o Multi- Storeyed building for four schools for PG Study & Research at NIT, Kurukshetra.	It was decided that the Project Report to be submitted to Finance Committee should contain justification for increase in scope of work along with the justification for increase in preliminary estimate. The work be included from this financial year in budget provisions.

CPWD also presented the list of works for which requisition was sent to CPWD for Preliminary Estimate (Given in Annexure - IV) which is under process. The Chief Architect requested the committee to prioritize the works so that they are able to provide

preliminary drawings timely which is vital for realistic preliminary estimate of the work. The decision made against the work is mentioned in the table below:

Sr. No.	Name of woks	Decisions
1	(i) C/o additional Type-VI/70 Nos. houses for professors. (ii) C/o additional type-VI (special)/100 nos. for Associate Professors at NIT, Kurukshetra.	This work falls under priority category. The chief architect was requested to prepare drawings for 20 nos. of houses for professors of Type VI & 20 nos. of houses for Asstt. Prof. of Type V as per decision of 19 th B&WC.
2	C/o 250 nos. Office Chamber for faculty, 20 nos. lecture rooms, 30 nos. Tutorial rooms, 5 nos. Conference rooms of 200 capacity with AC facility at NIT, Kurukshetra.	This work was dropped as this is already included in the building of PG research Schools.
3	C/o 3000 capacity convention Hall and various sizes of Seminar Hall at NIT, Kurukshetra	It was decided the work be named as convention centre and should have capacity of 2000 instead of 3000. The detailed scope of work for these will be communicated after deliberating in EAC.
4	Expansion of the existing Market (G+1) at NIT, Kurukshetra.	CPWD was told to defer as this work is not a current priority.
5	Student canteen and Expansion of Student Activity Centre at NIT, Kurukshetra.	It was decided to integrate with the Community Hall. This work is not a current priority.
6	C/o Gymnasium and Indoor sports complex at NIT, Kurukshetra.	It was decided that it should also be the part of Community Hall. This work is not a current priority.
7	C/o. faculty chamber Lab. Computer engineering department at NIT, Kurukshetra	This work was dropped as suggested by Senior Architect of CPWD.
8	Architectural drawing of Building of faculty (20 Nos.) at NIT, Kurukshetra.	This work was dropped.

5. & 6. Funds Allocation for this year & funds demanded for Next Two Financial Years

Under these items, the revised budgets for the remaining part of the financial year 2014-15 & next financial year 2015-16 required for various building works were discussed. The review committee was informed that while revising the annual budgets for building works, the observation of Finance Committee of keeping total budget to around 35-40 crore has been maintained. It was observed that the revised budget prepared after incorporating observations of the 30th Finance Committee meeting does not include various works, for which A/A & E/S has communicated to CPWD and it has advanced up to the stage of inviting tender. It was decided that budgets should again be revised and should also include these works. It was also decided that CPWD will place budget demands for civil & electrical works, which will be the basis for budget preparation.

It was also mentioned by the expert that there is no restriction by the Ministry on the amount of the budget sought, provided amount is fully utilized. This was the main observation in the meeting of the 30th Finance Committee also. It was also decided that essentially required and

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urgent works such building for four nos. PG Schools, provision of concertina coil on the boundary wall of the Institute, etc. be included in the revised budget demand.

7. **Works allotted to CPWD and their progress.**

This has already been discussed under agenda No. 2 & 3.

8. **Works being executed directly.**

There is no work which is being executed directly.

9. **Position of maintenance works, their funding and execution.**

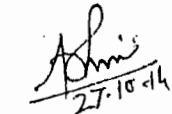
There being no problem with this so nothing was discussed.

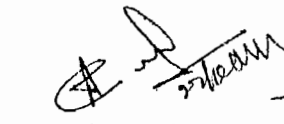
10. **Position of test audit objections if any.**

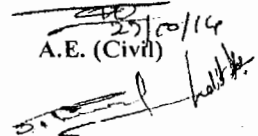
As there is no pending audit objection, hence nothing was discussed.

Meeting ended with a vote of thanks to the Chair.


Prof. I/C (E&C)


Prof. I/C (EM)


Prof. I/C (H&L)


A.E. (Civil)


Dean (Estate)