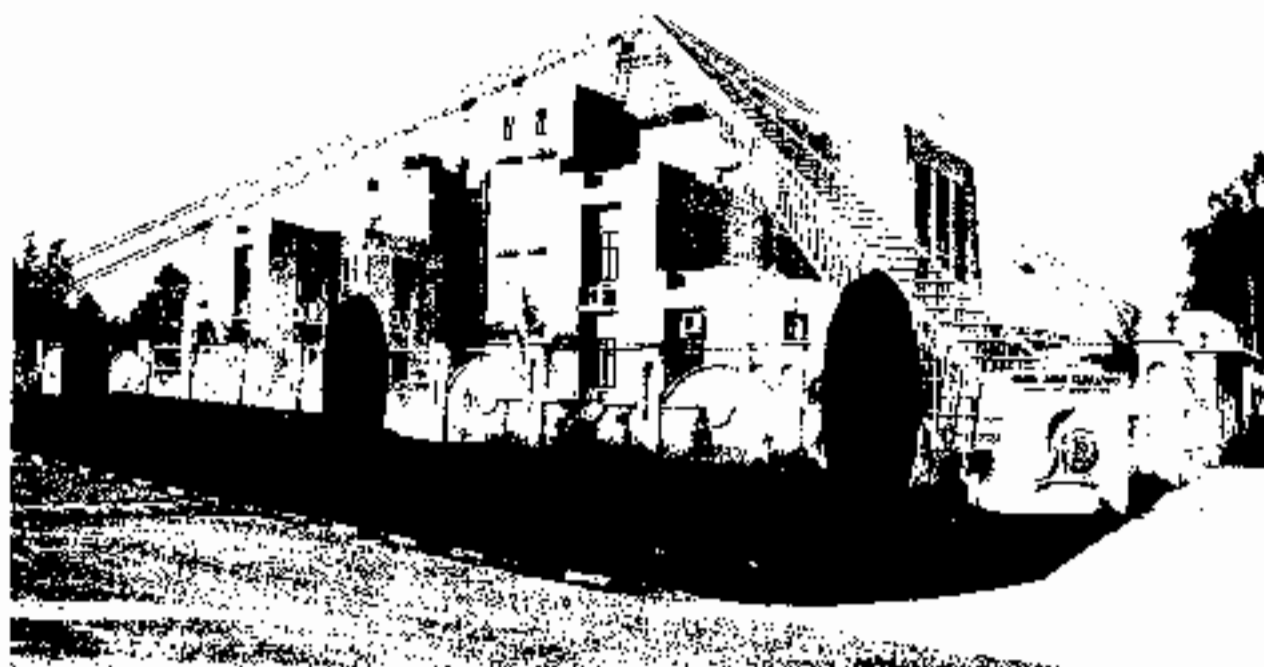




**AGENDA FOR 21st
MEETING OF BUILDING &
WORKS COMMITTEE
MAY 27, 2016**



**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

**AGENDA FOR 21st MEETING OF
BUILDING & WORKS COMMITTEE**

**VENUE : BOARD ROOM
GOLDEN JUBLIEE ADMINISTRATIVE BUILDING
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA**

DAY : FRIDAY

DATE : 27.05.2016

TIME : 11.00 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, 4117, 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. Arun Goel
Dean (Estate)
National Institute of Technology,
Kurukshetra | Special Invitee |
| 8. | Prof. V. P. Singh
Prof. in-charge (Estate & Construction),
National Institute of Technology,
Kurukshetra | Special Invitee |
| 9. | Prof. Saurabh Chanana
Prof. in- Charge (Elect. Engg)
National Institute of Technology,
Kurukshetra | Special Invitee |

10. **Sh. S.N. Kaushik,**
Assistant Engineer (Civil)
National Institute of Technology,
Kurukshetra

Special Invitee

11. **Sh. G.R. Samantaray**
Registrar-Incharge
National Institute of Technology,
Kurukshetra

Member-Secretary

Item 21.1 To confirm the minutes of 20th meeting of Building & Works Committee held on 6.1.2015.

The minutes of the 20th meeting of Building & Works Committee held on 6.1.2015 were circulated amongst the members vide letter No. NIT/20th BWC/1042 dated 17.3.2015. No comments were received from any member. The minutes are enclosed as Annexure-1 from page 1 to 8

The minutes may please be confirmed.

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

Minutes of the 20th meeting of the Building & Works Committee, National Institute of Technology, Kurukshetra held on 06th January, 2015 at 09.30 AM in the Private Dining Hall, India International Centre, # 40 Max Mueller Marg, New Delhi.

The following were present

- | | | |
|----|---|----------|
| 1. | Dr. A. Sivathanu Pillai
Hon'ble Chairperson, BOG
NIT, Kurukshetra
Former CEO & MD, BrahMos Aerospace
New Delhi | Chairman |
| 2. | Prof. Anand Mohan
Director
National Institute of Technology
Kurukshetra | Director |
| 3. | Sh. Rajesh Singh Solanki
Nominee of the Central Government
Under Secretary (NIT), Technical Education
525-C, Shastri Bhawan
Ministry of Human Resource Development
New Delhi | Member |
| 4. | Sh. K. N. Rai
Former Chief Executive & Advisor
Ministry of Defence (DRDO)
C-4, 4112, Vasant Kunj
New Delhi | Member |
| 5. | Prof. V.K. Sehgal
Dean (Planning & Development)
National Institute of Technology
Kurukshetra | Member |
| 6. | E. R. K. Sae
Superintending Engineer (Elect.)
Chandigarh Central Electrical Circle, CPWD
Chandigarh | Member |

- | | | |
|-----|---|------------------|
| 7. | Er. M.H. Singh
Superintending Engineering (Civil)
Chandigarh Central Circle, CPWD
Chandigarh | Member |
| 8. | Prof. K.K. Singh
Dean (Estate)
National Institute of Technology
Kurukshetra | Special Invitee |
| 9. | Prof. Arun Goel
Prof. In-charge (E&C)
National Institute of Technology
Kurukshetra | Special Invitee |
| 10. | Dr. Saurabh Chandra
Prof. In-charge (Elect. Mtc.)
National Institute of Technology
Kurukshetra | Special Invitee |
| 11. | Er. S.N. Kaushik
Asstt. Engineer (Civil)
National Institute of Technology
Kurukshetra | Special Invitee |
| 12. | Dr. Shyam Narayan
Registrar
National Institute of Technology
Kurukshetra | Member-Secretary |

At the outset, on behalf of the Chairman of the Building & Works Committee Prof. K.K. Singh, Dean (Estate) welcomed all the members & special invitees present in the meeting and introduced new members. Prof. K.K. Singh also conveyed his thanks to the outgoing members of Building & Works Committee. Dr. A. Swathanu Pillai, Hon'ble Chairperson, BOG, NIT, Kurukshetra chaired the Building & Works Committee meeting in place of Prof. Anand Mohan, Director & Chairman Building & Works Committee, National Institute of Technology, Kurukshetra.

Before the start of deliberations, Hon'ble Chairperson BOG also welcomed everyone in the meeting and wished a very happy & prosperous new year.

Prof. K.K. Singh informed the committee that the new works are being proposed only after considering cash flow in the financial year and priority of works^{as} remarked by the Hon'ble Director and Chairman B&WC in the previous meeting. Honble Director, NIT Kurukshetra desired that construction of Multi-storied building for faculty/officers having 40 apartments at NIT, Kurukshetra be given top priority.

Honble Director also raised various issues during the confirmation of the minutes of 19th meeting of Building & Works Committee. The following assurances were made by CPWD on the raised issues:

- Provision of Aviation Light & Lightening conductor in the Mega Boys Hostel (1000 capacity) - Superintending Engineer (Electrical), CPWD committed that the aviation light will be installed by 07.01.2015 & Lighting conductor will be fixed within next ten days.
- Construction of underground water tank for firefighting purpose for all the buildings of the Institute - Superintending Engineer (Civil), CPWD committed that the work will be completed by March 15, 2015.

The Building & Works Committee decided the following on the various agenda items of the meeting:

- 20.1 To confirm the minutes of 19th meeting of the Building & Works Committee held on 11.09.2014.

The minutes of 19th meeting of Building & Works Committee held on 11.09.2014 circulated amongst the members vide letter No. NIT/19th BWC/6393 dated 17.09.2014 were confirmed.

- 20.2 To report the action taken on the minutes of the 19th meeting of the Building & Works Committee held on 11.09.2014.

The B&WC noted the action taken on minutes of the 19th meeting of the Building & Works Committee held on 11.09.2014.

The following points were discussed on the action taken report.

- Order Item 19.1 CPWD officials informed that they shall be including a clause for penalty & defect removal in tender documents for rectification of

any possible damages made in water pipe line, telephone line, internet wire & electricity line etc. by the contractor at the time of execution of work in the Institute within 48 hours.

CPWD authorities informed that now two A.E. (C), one A.E. (E), two J.E. (C) and one J.E. (E) have been deputed on NIT construction sites.

- 19.2 (Under Item 16.4) Prof. KC(EM) raised the issue of pending defects in HT/LT line and non-receipt of documents mentioned in MoU till date. Superintending Engineer (Electrical), CPWD committed that documents will be made available to the Institute within a week and pending defects will be rectified within 15 days.
- 19.2 (Under Item 16.10 & 16.11) The issue regarding rewiring of old blocks of institutional building was deliberated in length during the meeting. Superintending Engineer (Electrical), CPWD informed the BSWC that finalization of tender document is pending as NIT administration has shown reservation regarding replacement of existing lighting fixture with LED lights. Superintending Engineer (Electrical), CPWD and Chairman BCG were of the opinion that NIT should go for comprehensive replacement of existing light fixture with LED's fixtures as these are environmental friendly, ergonomic and reduce electricity consumption. The BSWC accepted this view and decided that NIT will comprehensively shift from conventional lighting to LED based lighting in future. However replacement of recently installed fixtures which are in working condition will be avoided.
- 19.2 (Under Item 13.14 & 13.15) Superintending Engineer (Electrical) informed that the foundation work has been completed and installation of DG Set will be completed by March 15, 2015.
- 19.2 (Under item 13.17) Superintending Engineer (Civil) informed that Revised Cost Estimate for lifts at various locations in the Institute will be submitted within a week's time and tenders will be invited by January 27, 2015. The Hon'ble Director & Chairman BCG were authorized to approve

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Dr. 24/2/15

the Revised Cost Estimate, if the Revised Cost Estimate is more than 10% of the earlier approved cost

- 18.2 (Under Item 17.8) Hon'ble Chairman BOG desired that Provision of Permanent and Temporary huts for security guards at various locations in the Institute be taken up in the next financial year 2015-16 on priority basis.
- 18.3 Provision of staircase in double storey faculty houses is not a priority item & hence it was deferred
- 18.7 Superintending Engineer (Electrical) informed that the work of installation of low wallage LED lights in sports complex and other locations of the institute is almost complete and the dimmers will be soon made operational.
- 19.3 CPWD officials committed to submit the Revised Cost Estimate for Additional Examination hall by January 12, 2015.
- 19.4 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 – It was decided that the committee will submit its report for this work by January 31, 2015. Based on the report CPWD will be requested to provide cost estimate for the work.
- 19.5 Construction of multi-storey building for four schools for PG study and research and class/tutorial room and faculty chambers – Mr. K. N. Rai was shown architectural drawings for this work and project report on justification for increase in plinth area of the building for his endorsement. After his confirmation the Hon'ble Chairperson BOG approved the cost estimate of Rs. 122,95,32,700/- for the building. The A/A & E/S for the same will be communicated to CPWD to execute the work.
- 19.6 Providing concertina coil over the institute boundary for security purpose – After detail deliberations it was resolved that the boundary wall should be taken inside, if site conditions forces. In the meantime

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permission be obtained from Public Works Department/Forest department for cutting of trees. The CPWD officials informed that the amount sanctioned for completion of boundary wall along the periphery of the Institute is exhausted and still a considerable length of the boundary wall construction is yet to be completed. The amount is exhausted due to extra payment made for change in cross-sectional area and rise in the height of the boundary wall, hence there is a need of revision in cost estimate. It was resolved that CPWD will send additional cost requirements to the institute for completing the work of boundary wall. The Hon'ble Director & Chairman BOC were authorized to approve the Revised Cost Estimate.

- 19.7 Construction of multi-storey building for faculty/officers having 40 apartments. It was resolved that the CPWD will provide proper justification for higher cost estimate by January 12, 2015 which will be further put up in the Finance Committee for approval.
- 19.8 Extension of existing connecting corridor upto MBA/MCA and LHC block in the Instructional Building – The CPWD officials were requested to reduce the cost of the work by incorporating the suggestions of Mr. K.N. Rai in the drawing.
- 19.9 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. Deptt. – The B&WC decided that the work will be handled by the Estate Section itself.
- 19.10 Providing audio system in Board Room, Golden Jubilee Administrative Building including Jubilee Hall & Senate Hall – It was resolved that the CPWD will submit the Revised Cost Estimate. The Hon'ble Director & Chairman BOC were authorized to approve the Revised Cost Estimate.
- 19.11 Providing peripheral road along the external boundary wall of the institute for security and maintenance purpose – it was resolved that the pathway be made with ready-mix material & bitumen width of 10ft. It was also decided that the Revised Cost Estimate be submitted by the CPWD.

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The Hon'ble Director & Chairman BOC were authorized to approve the Revised Cost Estimate.

- 19.12 Provision of resurfacing and widening of existing roads in residential campus and institutional area – The committee was informed that A/A & E/S will be conveyed to the CPWD.
- 19.13 Provision of construction of verandah for non-teaching staff club situated in F-type quarters – The committee was informed that this work will be taken up later on depending upon the cash flow.
- 19.14 Provision of construction of Type-II and Type-III houses for non-teaching staff – It was resolved that the CPWD will provide proper justification for higher cost estimate by January 12, 2015, which will be further put up in Finance Committee for approval.

- 20.3 To consider & approve the Cost Estimate for providing drainage system and Mural at Kirmach Road Gate at NIT, Kurukshetra.

The B&WC deliberated on the matter and approved the cost estimate for providing drainage system and Mural at Kirmach Road Gate for an amount of Rs. 8,42,800/-. Further, it was also decided that this work is to be completed along with the other works of the Main Gate of NIT, Kurukshetra. As the work of Kirmach Road Gate of NIT Kurukshetra is at the completion stage, Chairman FC & BOC was requested to grant the approval on behalf of FC & BOC so that this work could be completed along with the Main Gate work. The Chairman BOC gave his consent for the same.

- 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 B&WC deliberated on the matter and approved for 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

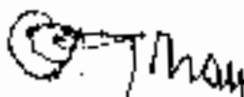
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with equipments to CPWD. The B&WC gave approval for withdrawal of A/A & F/S of the said work from CPWD

20.5 Any other item

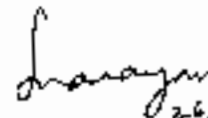
The issue of STP was raised by Prof. K.K. Singh, Dean (Estate) & expressed his concern about unusual delay on the part of CPWD for not starting the work. He also reminded that CPWD had committed to complete the work by December 31, 2014 which was communicated to Haryana Pollution Control Board, Panchkula. It was decided that if any kind of penalty is imposed by Haryana Pollution Control Board, Panchkula due to delay in completion of the work, the same will be imposed on to the CPWD.

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



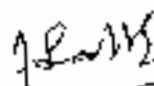
(Anand Mohan)
Director
NIT, Kurukshetra

27/2/15



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

Authenticated

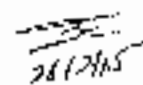


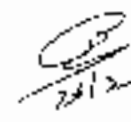
(A. Sivathanu Pillai)
Chairperson, BOG
(Chaired B&WC)
NIT, Kurukshetra

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26/2/15

Item No. 21.2 To report the action taken on the minutes of the 20th meeting of the Building & Works Committee held on 6.1.2105

The action taken on the minutes of the 20th meeting of the Building & Works Committee held on 6.1.2015 is as under:

Item No.	Subject	Decision taken	Action taken
20.1	To confirm the minutes of 19 th meeting of Building & Works Committee held on 11.9.2014	The minutes of 19 th meeting of Building & Works Committee held on 11.09.2014 circulated amongst the members vide letter No. NIT/19 th BWC/6383 dated 17.09.2014 were confirmed.	No further action is required.
20.2	To report the action taken on the minutes of the 19 th meeting of the Building & Works Committee held on 11.9.2014	The B&WC noted the action taken on minutes of the 19th meeting of the Building & Works Committee held on 11.09.2014. The following points were discussed on the action taken report: Under Item 19.1 CPWD officials informed that they shall be including a clause for penalty & defect removal in tender documents for rectification of any possible damages made in water pipe line, telephone line, internet wire & electricity line etc. by the contractor at the time of execution of work in the Institute within 48 hours. CPWD authorities informed that now two A.E. (C), one A.E. (E), two J.E. (C) and one J.E. (E) have been deputed on NIT construction sites. • 19.2 (Under Item 16.4) Prof. I/C(EM) raised the issue of pending defects in HT/LT line and non-receipt of documents mentioned in MoU till date. Superintending Engineer (Electrical), CPWD committed that documents will be made available to the Institute within a week and pending defects will be rectified within 15 days.	clause for Penalty & defect removal in the tender documents required to be inserted in the contract agreement by CPWD Pending defects in HT/LT line have been rectified and final UC is still awaited from CPWD

	• 19.2 (Under Item 16.10 & 16.11) The issue regarding rewiring of old blocks of institutional building was deliberated in length during the meeting. Superintending Engineer (Electrical), CPWD informed the B&WC that finalization of tender document is pending as NIT administration has shown reservation regarding replacement of existing lighting fixture with LED lights. Superintending Engineer (Electrical), CPWD and Chairman BOG were of the opinion that NIT should go for comprehensive replacement of existing light fixture with LEDs fixtures as these are environmental friendly, ergonomic and reduce electricity consumption. The B&WC accepted this view and decided that NIT will comprehensively shift from conventional lighting to LED based lighting in future, however replacement of recently installed fixtures which are in working condition will be avoided. • 19.2 (Under Item 16.14 & 16.15) Superintending Engineer (Electrical) informed that the foundation work has been completed and Installation of DG Set will be completed by March 15, 2015. • 19.2 (Under Item 16.17) Superintending Engineer (Civil) informed that Revised Cost Estimate for lifts at various locations in the Institute will be submitted within a week time and tenders will be invited by January 27, 2015. The Hon'ble Director & Chairman BOG were authorized to approve the Revised Cost Estimate, if the Revised Cost Estimate is more than 10% of the earlier approved cost. • 18.2 (Under Item 17.6) Hon'ble Chairman BOG desired that Provision of Permanent and Temporary huts for security	Tender document was finalised including LED based lighting instead of conventional lighting and the work awarded to Executing Agency by CPWD and the work is in progress The work is completed and likely to be taken over Revised cost estimate has been received from CPWD & put up as a separate agenda vide item No. 21.12. The A/A & E/S has been conveyed to CPWD vide letter No.
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guards at various locations in the Institute be taken up in the next financial year 2015-16 on priority basis

- 18.3 Provision of staircase in double storey faculty houses is not a priority item & hence it was deferred.

- 18.7 Superintending Engineer (Electrical) informed that the work of installation of low wattage LED lights in sports complex and other locations of the Institute is almost complete and the dimmers will be soon made operational.

- 19.3 CPWD officials committed to submit the Revised Cost Estimate for Additional Examination hall by January 12, 2015

- 19.4 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 – It was decided that the committee will submit its report for this work by January 31, 2015. Based on the report CPWD will be requested to provide cost estimate for the work

- 19.5 Construction of multi-storey building for four schools for PG study and research and class/tutorial room and faculty chambers – Mr. K N Rai was shown architectural drawings for this work and project report on justification for increase in plinth area of the building for his endorsement. After his confirmation the Hon'ble Chairperson BOC approved the cost estimate of

CC/3492/135/5803 dated 5.11.2015 and tenders have invited by CPWD

No action is required

The work is completed and likely to be taken over

Revised cost has been received vide letter No.23(390)/SE(P)/CE(P)/1302 dated 8.7.15. The estimate was put up in the EAC Meeting held on 14.10.15 but the item was dropped for the time being

The report of the Committee has been conveyed to the CPWD vide letter No. CC/3522/17/839 dated 4.3.2015

Revised cost estimate has been received and put up before the EAC in its meeting held on 19.1.2016 and the item has been deferred for the time being.

		Rs. 122,95,32,700/- for the building. The A/A & E/S for the same will be communicated to CPWD to execute the work. 19.6 Providing concertina coil over the institute boundary for security purpose – After detail deliberations it was resolved that the boundary wall should be taken inside, if site conditions forces. In the meantime permission be obtained from Public Works Department/ Forest department for cutting of trees. The CPWD officials informed that the amount sanctioned for completion of boundary wall along the periphery of the Institute is exhausted and still a considerable length of the boundary wall construction is yet to be completed. The amount is exhausted due to extra payment made for change in cross-sectional area and rise in the height of the boundary wall, hence there is a need of revision in cost estimate. It was resolved that CPWD will send additional cost requirements to the institute for completing the work of boundary wall. The Hon'ble Director & Chairman BOG were authorized to approve the Revised Cost Estimate. 19.7 Construction of multi-storey building for faculty/officers having 40 apartments – It was resolved that the CPWD will provide proper justification for higher cost estimate by January 12, 2015 which will be further put up in the Finance Committee for approval. 19.8 Extension of existing connecting corridor upto MBA/MCA and LHC block in the Instructional Building – The	The A/A & E/S for concertina coil was conveyed to CPWD vide No. CC/03/181 dated 20.1.2015 and the work has been allotted to the contractual agency by the CPWD vide letter no. 54(NIT)/KCD/2016/1484 dated 25.04.2016. the matter is pending with the Forest Department regarding cutting of trees coming in the boundary wall. CPWD was conveyed vide letter No. /3498/40/1331 Dated 9.4.2015 . The CPWD provided the justification for revised cost estimate vide letter No. 23(390)/SC(P)/CE(P)-I/746 dated 8. 5 2015. However, if needs further revision to include the provision of ST/EPF/ESI etc. as per Government Notification. The reduced cost estimate received from the CPWD for amount of
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	CPWD officials were requested to reduce the cost of the work by incorporating the suggestions of Mr. K.N. Rai in the drawing. • 19.9 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 Egg. Deptt. – The B&WC decided that the work will be handled by the Estate Section itself. • 19.10 Providing audio system in Board Room, Golden Jubilee Administrative Building including Jubilee Hall & Senate Hall – It was resolved that the CPWD will submit the Revised Cost Estimate. The Hon'ble Director & Chairman BOG were authorized to approve the Revised Cost Estimate. • 19.11 Providing peripheral road along the external boundary wall of the institute for security and maintenance purpose – it was resolved that the pathway be made with ready-mix material & bitumen width of 10ft., it was also decided that the Revised Cost Estimate be submitted by the CPWD. The Hon'ble Director & Chairman BOG were authorized to approve the Revised Cost Estimate. • 19.12 Provision of resurfacing and widening of existing roads in residential campus and institutional area –	Rs. 57,05,300/-vide letter no. 20(142)/PS/KCD/2014/3822 dated 20.11.2014 and the same was forwarded for sanction of competent authority but as per the accounts section that the funds are awaited from MHRD The work completed under TEQIP scheme, MHRD, GOI A letter sent to CPWD for submitting the revised cost estimate vide no. CC/3527/26/1124 dated 24.03.2015, CC/3527/65/1787 dated 21.05.2015, CC/3527/21/137 dated 11.01.2016 & CC/3527/274/4516 dated 16.05.2016. The revised cost estimate is still awaited from CPWD The work was dropped for the time being in light of the site feasibility and total length of the peripheral road. The A/A & E/S was conveyed to CPWD vide letter no. CC/3529/44/1376 dated
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		The committee was informed that A/A & E/S will be conveyed to the CPWD. • 19.13 Provision of construction of verandah for non-teaching staff club situated in F-type quarters – The committee was informed that this work will be taken up later on depending upon the cash flow. • 19.14 Provision of construction of Type-II and Type-III houses for non-teaching staff – It was resolved that the CPWD will provide proper justification for higher cost estimate by January 12, 2015, which will be further put up in Finance Committee for approval.	13.04.2015 and the same was completed 10.11.2015 Funds are awaited from MHRD CPWD was conveyed vide letter No.3498/40/1331 Dated 9.4.2015. CPWD provided the justification for revised cost estimate needs further revision to include the provision of ST/EPF/ESI etc. as per Government Notification. CPWD provide justification vide letter No. 23(390)/SC(P)/CE(P)-I/746 dated 8. 5 2015
20.3	To consider & approve the cost estimate for providing drainage system and Mural at Kirmach Road Gate at NIT, Kurukshetra	The B&WC deliberated on the matter and approved the cost estimate for providing drainage system and Mural at Kirmach Road Gate for an amount of Rs. 8,42,800/-. Further, it was also decided that this work is to be completed along with the other works of the Main Gate of NIT, Kurukshetra. As the work of Kirmach Road Gate of NIT Kurukshetra is at the completion stage, Chairman FC & BOG was requested to grant the approval on behalf of FC & BOG so that this work could be completed along with the Main Gate work. The Chairman BOG gave his consent for the same.	Work is completed
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	The B&WC deliberated on the matter and approved for cancellation of the allotted work for covering of newly constructed open air theatre at NIT, Kurukshetra i/c providing & installation of electrical fittings and services with equipments to	The work is dropped and letter sent to CPWD vide no. CC/3511/45/1406 dated 16.04.2015 for cancellation of the allotted work.

	providing & CPWD The B&WC gave installation of approval for withdrawal of A/A & electrical fittings E/S of the said work from and services with CPWD equipments to	
20.5	Any other item	The issue of STP was raised by Prof K.K. Singh, Dean (Estate) & expressed his concern about unusual delay on the part of CPWD for not starting the work. He also reminded that CPWD had committed to complete the work by December 31, 2014 which was communicated to Haryana Pollution Control Board, Panchkula. It was decided that if any kind of penalty is imposed by Haryana Pollution Control Board, Panchkula due to delay in completion of the work, the same will be imposed on to the CPWD.
		The work is in progress

Item No.21.3 To consider and approve the Revised Cost estimate for construction of 600 seater Girls Hostel (Multi-Storeyed Framed Structure, Ground Floor+5) at NIT, Kurukshetra

The work for construction of 600 seater Girls Hostel (Multi-Storeyed Framed Structure, Ground Floor+5) at NIT, Kurukshetra was approved by B&WC in its 15th meeting held on 19.12.2011 vide item no. 15.11 and subsequently approved by FC & BOG. Accordingly the work allotted to CPWD vide letter no.CC/18/95 dated 07/08.01.2013 for an amount of Rs. 4899.00 lacs. The work was awarded to the contractor by CPWD vide letter no. 54(NIT)/KCD/2014/4 dated 04.06.2014. The work is nearly completion. Now, the preliminary revised cost estimate submitted by the Chief Engineer (NZ-I), CPWD, Chandigarh for an amount of Rs. 67,46,52,700/- vide letter no. 23(390)SE(P)/CE(P)/2212 dated 21.12.2015 has been received. The Executive Engineer (Civil), CPWD, Karnal was submitted a justification vide letter no. 20(NIT)/KCD/2016 dated 22.01.2016 in which it is stated that the revision in preliminary cost estimate is required due to the fact that the total A/A & E/S amounting to Rs. 4899.00 lacs earlier issued by the NIT, authorities vide their letter No. CC/18 dated 7.1.2013 was based on preliminary estimate prepared by the Institute as its own level on the basis of PAR-2007, which was duly enhanced by 25% for cost index without including Service Tax. The CPWD being the Principal Employer has to reimburse the same to the contractor executing the work. Also there is significant increase in cost of material & labour during the period between receipt of original A/A & E/S and start of the work. Hence, Revised Preliminary Estimate has been framed based on the basis of PAR-2012 duly enhanced with approved cost index as on 01.07.2014 & including Service Tax to obtain the revised A/A & E/S from the competent authority.

The preliminary revised cost estimate submitted by the CPWD was placed before the Estate Affair Committee in its meeting held on 16.02.2016. The EAC discussed the preliminary revised cost estimate to the tune of Rs. 67,46,52,700/- for the work of 600 seater Girls Hostel (Multi-Storeyed Framed Structure, Ground Floor+5). The same was approved by the competent authority.

It is therefore, requested that the B&WC may consider and accord approval amounting to Rs. 67,46,52,700/- for the work of 600 seater Girls Hostel (Multi-Storeyed Framed Structure, Ground Floor+5).



भारत सरकार

GOVERNMENT OF INDIA
केन्द्रीय लोक निर्माण विभाग
CENTRAL PUBLIC WORKS DEPARTMENT

N.	9491	29/12/15
Dy. No.		
GA	ISO	REC
Phone: 0172-2749515 Fax: 0172-2741673 e-mail: chqpcw@chd@yahoo.co.in cen21cpwd@yahoo.in		

कार्यालय मुख्य अभियंता (उ अ - 1)
केन्द्रीय लोक निर्माण विभाग,
केन्द्रीय सदन, सैक्टर 9-ए,
चण्डीगढ़ - 160009



Office of the Chief Engineer (NZ-1)
Central Public Works Department,
Kendriya Sadan, Sector 9-A,
Chandigarh-160009

संख्या: 23(390)/अ०अभि०(यो०)/का० अभि०(यो०)/ 2212

दिनांक: 21/12/15

✓ सेवा में,

निदेशक,
एन आई टी,
कुरुक्षेत्र, हरियाणा।

P/I (H&L), P/I (S&C) Dean (Estate)

P/I (ERC), P/I (E&M)
21/12/15

विषय:- C/o 600 Seater Girls Hostels (Multi Storeyed) RCC framed structure
(Ground + 5) at i/c internal & external Water Supply, Sanitary
Installation, Internal Electrical Installations, Drainage & Development
of site at NIT, Kurukshetra (Haryana).
(Revised Preliminary Estimate).

*The expenditure is more than 10%
of A&A Est. So it may be discussed in
EAC in its ensuing meeting.*
21/12/15

महोदय,

Prby (EAC)

मुझे सक्षम अधिकारी के प्रशासनिक अनुमोदन एवं व्यय स्वीकृति के लिए रु. 67,46,52,700/-
रुपए सड़सठ करोड छियालीस लाख बावन हजार सात सौ मात्र के संशोधित प्रारम्भिक अनुमान दो प्रतियों में
भेजने का निर्देश हुआ है। कार्य की आवश्यकता और अनुमान के प्रावधानों को रिपोर्ट में दर्शाया गया है। अनुरोध
है कि कार्य को मंजुरी भेजते समय "लेखा शीर्ष" जिसके अंतर्गत व्यय किया जाना है सूचित किया जाए।

संलग्न:- प्रारम्भिक अनुमान (दो प्रतियों में)

21/12/15
कार्यपालक अभियन्ता (यो.-1)

प्रतिलिपि:-

- 1 अधीक्षण अभियंता, चण्डीगढ़ केन्द्रीय परिमंडल, केन्द्रीय लोक निर्माण विभाग, चण्डीगढ़।
- 2 वरि० वास्तुक (चण्डीगढ़), केन्द्रीय लोक निर्माण विभाग केन्द्रीय सदन, सैक्टर 9-ए, चण्डीगढ़।
- 3 अधीक्षण अभियंता (वै०), चण्डीगढ़ केन्द्रीय विद्युत परिमंडल, केन्द्रीय लोक निर्माण विभाग, चण्डीगढ़।
- 4 कार्यपालक अभियन्ता (डिजाइन), कार्यालय मुख्य अभियंता (उ०अ०-1)। केन्द्रीय लोक निर्माण विभाग, चण्डीगढ़।
- 5 कार्यपालक अभियन्ता (वै०), करनाल केन्द्रीय विद्युत मंडल, केन्द्रीय लोक निर्माण विभाग, करनाल।
- 6 कार्यपालक अभियन्ता, करनाल केन्द्रीय मंडल, केन्द्रीय लोक निर्माण विभाग, करनाल।
- 7 सहायक अभियंता (MIS), कार्यालय मुख्य अभियंता, (उ०अ०-1) केन्द्रीय लोक निर्माण विभाग, चण्डीगढ़ को History Sheet सहित WBPMIS में सम्मिलित करने हेतु।

21/12/15

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

STATE: HARYANA

DIVISION: KARNAL CENTRAL

BRANCH: B&R

Name of work:- C/o 600 Seater Girls Hostels (Multi-Storeyed) RCC framed structure (Ground + 5) i/c internal & external water supply, Sanitary installation, internal electrical installation, drainage & development of site at NIT, Kurukshetra (Haryana).

<u>Major Head</u>	<u>Minor Head</u>	<u>Detailed Head</u>
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This Revised preliminary estimate framed by Er. Varun Kumar, Executive Engineer, Karnal Central Division, CPWD, Karnal, further processed by Er. R.K. Gandhi, Executive Engineer (P), Chandigarh Central Circle, CPWD, Chandigarh and further processed by Er. A.P. Garg, Executive Engineer(P), O/o CE(NZ-I), CPWD, Chandigarh for the probable cost of Rs. 67,46,52,700/- including 3% contingencies.

REPORT

HISTORY: This Revised preliminary estimate amounting to Rs. 67,46,52,700/- i/c 3% contingencies has been framed to cover the probable cost of the above noted work and for accord of revised A/A & E/S from the competent authority. The requisition for this estimate has been received from NIT authorities vide their letter No. CC/3506/93/4743 dated 31.08.2015. The revision is required due to the fact that the total A/A & E/S amounting to Rs. 4639 lacs earlier issued by NIT authorities vide their letter No. CC/18 dated 07.01.2013 was based on preliminary estimate prepared by their own based on PAR 2007 duly enhanced by 25% for cost index does not include Service Tax. CPWD being the Principal Employer has to reimburse the same to the contractor executing the work. Also there is significant increase in cost of material & labour during the period between receipt of original A/A & E/S & start of work. The tender for this work was finalized in May, 2014. Hence Revised preliminary estimate has been framed based on PAR-2012 duly enhanced with approved cost index as on 01-07-2014 & including Service Tax, to obtain the revised A/A & E/S from the competent authority.

Design & Scope: The following provisions have been made in the estimate:

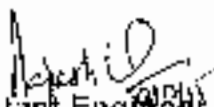
(a) CIVIL WORK:

1. RCC framed structure upto six storeys
2. RCC raft foundations.
3. Resisting earthquake forces
4. Internal water supply & sanitary installations and external service connections
5. Furniture work.
6. Boundary wall

(b) ELECTRICAL WORK:

1. Fire lighting.
2. Automatic fire alarm system.
3. External Service connection
4. Internal Electrical Installation.
5. Telephone conduits Computer cabling
6. Allied works such as lifts, backup power supply, sub station, furniture etc
7. Solar Water Heating System

Specifications: The work shall be carried out as per CPWD specification 2009 Vol-I to II with upto date correction slips
Rate: Based on PAR 2012 duly enhanced with approved cost index 109 as on 1-7-2014.
Amount: Rs. 67,46,52,700/- i/c 3% contingencies
R&P: Shall be arranged by contractor
W.C.Estt.: Shall be met out of contingencies
Land: Available.
Method: By contract after call of tenders
Time allowed: 630 days after stipulated date of start.


Assistant Engineer (P)
CPWD, Chandigarh.


Executive Engineer (P).
CPWD, Chandigarh.



		Tax & being the Principal Employer, CPWD is to reimburse the same to the agency executing work. Also there is significant increase in cost of material & labour during the period between receipt of original A/A & B/S & start of work. Hence Revised preliminary estimate has been framed based on PAR-2012 duly enhanced with approved cost index as on 01-07-2014 & including Service Tax to obtain the revised A/A & B/S from the client dept.
	C/o 300 Seater Multi-Purpose Boys Hostel i/c 100 Suites for Foreign Students, Research Scholars and Married PG Students (Multi-storied framed structure) (G+5) i/c internal Water Supply, Sanitary Installation, Drainage & Internal Electrical Installations at NIT, Kurukshetra (Haryana)	The revision is required due to the fact that sanction of Rs. 3596 lacs was conveyed by the NIT authorities based on their own estimate in which so many provisions such as additional height of each floor, deeper foundation, no provision for green building norms, labour cess, VAT, EPF, ESIC and no cost index was taken at the time of giving sanction in Jan. 2013. The revised estimate has been submitted based on the actual plinth area of the building i.e. 15675 sqm considering PAR 2012, rates with upto date cost index of 9% and all the provisions of Labour Cess, VAT, Service Tax, EPF, ESIC, Green Building norms has been considered. In the sanction given by your department Rs. 42 lacs was included for 2 Nos. lifts whereas as per approved Architecture drawings 4 Nos. lifts amounting to Rs. 1,12,00,000/- has been taken in RPE.


 कार्यपालक अभियंता
 करमल केन्द्रीय अण्डल
 के.ए.नं.वि, करमल

utilized for the purpose of back-up supply of lifts and it may be the capacity of DG set of Guest House be increased to cater to the needs of Health Centre also

- 15.7 To consider & approve the Rough Cost Estimate for construction of 2 No. Institute Main Gates at NIT, Kurukshetra.

The Building & Works Committee approved the Rough Cost Estimate for construction of 2 No. Institute Main Gates at a total cost of Rs. 82.96 lacs.

- 15.8 To consider & approve the Rough Cost Estimate for construction of 2 Nos. Parking at NIT, Kurukshetra.

The Building & Works Committee approved the Rough Cost Estimate for construction of 2 Nos. Parking at NIT, Kurukshetra at a cost of Rs. 94.21 lacs including works for electrical installations @ 12.5% of cost of civil works.

- 15.9 To consider & approve the Rough Cost Estimate for Sewage Treatment Plant (STP) at NIT, Kurukshetra.

The Building & Works Committee approved the Rough Cost Estimate for Sewage Treatment Plant (STP) of 1 MLD capacity at the cost of Rs. 318.08 lacs.

It was also desired that the coordinator of the newly proposed School of Renewable Energy of the Institute should approach Ministry of Renewable Energy, Govt. of India to explore the possibilities of utilization of biogas for generation of cooking gas.

- 15.10 To consider & approve the Rough Cost Estimate for Cold Water Tanks & Supply Pipe line to the Solar Water Heating System Installed in the Hostel No. 1 to 9 Boys Hostel, Girls Hostel No. 1 & 2 at NIT, Kurukshetra.

The Building & Works Committee approved the Rough Cost Estimate for Cold Water Tanks & Supply Pipe line to the Solar Water Heating System Installed in the Boys Hostels No. 1 to 9 and Girls Hostel No. 1 & 2 of the Institute at the cost of Rs. 60.84 lacs.

- 15.11 To consider and approve the Rough Cost Estimate for Construction of 600 seater Girls Hostel (Multi-Storeyed framed structure, Ground Floor + 5) at NIT, Kurukshetra.

The Building & Works Committee approved the Rough Cost Estimate for construction of 600 seater Girls Hostel (Multi-Storeyed framed structure, Ground Floor + 5) at a cost of Rs. 48.95 crores including additional 5% for the provisions of green building i.e. provision of solar water heating system, solar lighting system etc.

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA -136 119

No. CC/ 18/95

Dated: 07/01/2013

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

Subject:- Administrative approval & Expenditure sanction for the Construction of 600 Seater Girls Hostel (Multi-Storeyed Framed Structure, Ground Floor+5) at NITK

Reference: MoU dated 20.12.2012 & approval of the Hon'ble Director on dated 04.01.2013.

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	Amount REC (Rs. in Lacs)
1	Construction of 600 Seater Girls Hostel (Multi-Storeyed Framed Structure, Ground Floor+5) at NITK	Rs 4899.00 (Rs. Four Thousand Eight Hundred Ninety Nine Lacs Only)


 Dean (Estate)
For Director
 07/01/13

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)
9. DR (Acs)
10. Executive Engineer, Construction Cell
11. A.E. (Civil)
12. J.E. (Elect)
13. J.E. (Civil)

Preliminary Estimate for construction of 600 seater Girls Hostel

On plinth area rates as per CPWD

(Multi-Storeyed framed structure)

(Ground Floor + 5 storeyed)

1. Total plinth area for 600 seater hostel for girls including circulation area; sanitary, Electrical provisions, Dining space, Kitchen, common Room, Gymnasium, Canteen, offices, guest room & residences for warden etc. 20760 sqm.

CPWD plinth area rates as on 01.10.2007

(i)	RCC framed structure upto 5 storey	Rs.	9100 sqm.
(ii)	RCC raft foundation (Ground Floor only)	Rs.	3560 sqm.
(iii)	Fire Fighting	Rs.	300 sqm.
	Total		12960 +25% 16200 sqm.

Total Cost = 20760 x 16200 = 3363 lacs.

2. Services :-

(i)	Internal water supply and sanitary installations @ 10%	Rs.	336 lacs
(ii)	External Services @ 5%	Rs.	168 lacs
(iii)	Internal electric installations @ 13.5 %	Rs.	454 lacs
	Total		958 lacs

3. Allied works such as lifts, back up power supply, Sub-Stations, Furnitures etc.

(i)	Lifts 4 Nos. (13 passengers 304 kg wt. 1.5m/s speed)	@ Rs	21 lacs each
		Rs	84 lacs
(ii)	Stand by power supply (DG Sets)	Rs.	25 lacs
(iii)	Electric Sub-Station	Rs	25 lacs
(iv)	Furniture for (Hostel, offices, Dining hall, Kitchen etc).	Rs	75 lacs
	Total		209 lacs

Grand Total = 3363 + 958 + 209 = 4530 lacs
3% contingencies Rs. 136 lacs
Total 4666 lacs


Executive Engineer
NIT, Kurukshetra

केन्द्रीय लोक निर्माण विभाग
44B, सुभाष कालोनी
करनाल केन्द्रीय मण्डल, करनाल

Regd

प्रदक पत्र

संख्या- 54(NIT)/क.के.मं/2014/4

दिनांक: 4.6.2014

प्र.मं.

M/s. Swadeshi Civil Infrastructure Pvt. Ltd.
302, DLI, Tower-'B',
Jasola, New Delhi-110025

विषय : C/o 600 Seater Girls Hostels (Multi Storeyed) RCC framed structure
(Ground + 5) i/c internal & external Water Supply, Sanitary Installation,
Internal Electrical Installations, Drainage & Development of site at NIT,
Kurukshetra (Haryana)

प्र.मं. : इस कार्यालय के पत्र संख्या 54(NIT)/क.के.मं/2014/1601 दिनांक 16.5.14
एवं आपका पत्र संख्या 'शून्य' दिनांक 2.6.2014.

सोदय,

Your item rate composite tender for the work mentioned above has been accepted on
behalf of the President of India at your tendered amount of ₹ 34,19,58,645/- (Rupees Thirty Four Crores
Fifteen Lacs Fifty Eight Thousand Six Hundred & Forty Five Only) which works out to 5.17% (Five
Decimal One Seven Percent only) below against the estimated cost of ₹ 36,06,04,347/- (Rupees Thirty
Six Crores Six Lacs Four Thousand Three Hundred & Forty Seven Only).

Civil Work

- | | | |
|----|--|------------------------|
| 1. | Original Tendered amount : | Rs. 32,87,89,881/- (A) |
| 2. | Percentage against E.C. Rs. 34,78,28,164/- put to tender : | 5.47% below (Civil) |

Electrical Work

- | | | |
|----|---|-----------------------|
| 1. | Original Tendered amount : | Rs. 1,31,68,764/- (B) |
| 2. | Percentage against E.C. Rs. 1,27,76,183/- put to tender : | 3.07% above (Elect) |

Composite

- | | | |
|----|--|--------------------|
| 1. | Net amount of composite tender (A+B) : | Rs. 34,19,58,645/- |
| 2. | Composite ECPT : | Rs. 36,06,04,347/- |
| 3. | Percentage against E.C. Rs. 36,06,04,347/- put to tender : | 5.17% below; |

You are requested to furnish PERT chart within 15 days of award of work and execute works as per
schedule.

You are requested to attend this office to complete the formal agreement within seven days from the
date of issue of this tender

32-6-14

32--

Contd

You are also requested to attend the office of Executive Engineer, Karnal Central Elect. Division, CPWD, Karnal to complete the formal agreement for electrical portion of the work within 15 days from the date of this letter.

You are requested to start the work at once. Please note that the time allowed for being out the work 60 days (Two Forty days) shall be reckoned from 7.6.2014.

It is also made clear that you have to execute separate agreements for civil and electrical works with Executive Engineer, Karnal Central Division, for civil components and EE(E) for elect. Components.

It may also be noted that sub standard work in principle shall not be acceptable. Decision of SE Chandigarh Central Circle in respect of sub standard work shall be final and shall not be open to arbitration under clause - 25 of the agreement.

भवदीय,

कार्यपालक अभियंता,
करनाल केन्द्रीय मण्डल,
के.लो.नि.वि, करनाल।

प्रतिलिपि :-

1. मूल कार्यालय।
2. अतिरिक्त निर्माण महानिदेशक (NR-II), के.लो.नि.वि, केन्द्रीय सदन, सै.-9ए, चण्डीगढ़।
3. मुख्य इंजीनियर(उ.अं.), के.लो.नि.वि., चण्डीगढ़ को उनके पत्र संख्या 17/1/2014-लेखा एवं लेखा/1/211 दिनांक 8.5.2014 के संदर्भ में सूचनाएं प्रेषित।
4. अधीक्षण अभियंता(यो) कार्यालय मुख्य अभियंता (उ.अं.), के.लो.नि.वि, चण्डीगढ़।
5. अधीक्षण अभियंता, चण्डीगढ़ केन्द्रीय परिमण्डल, के.लो.नि.वि, चण्डीगढ़।
6. मुख्य अभियंता के वित्तीय अधिकारी, कार्यालय मुख्य अभियंता (उ.अं.)-1, के.लो.नि.वि, सैक्टर-9ए, केन्द्रीय सदन, चण्डीगढ़।
7. अधीक्षण अभियंता(वि), चण्डीगढ़ केन्द्रीय विद्युत परिमण्डल-1, के.लो.नि.वि, चण्डीगढ़।
8. निदेशक, एन.आई.टी, गुरुक्षेत्र।
9. वेतन एवं लेखाधिकारी(उ.अं) के.लो.नि.वि., आर.के.पुरम, नई दिल्ली।
10. कार्यपालक अभियंता(वि), करनाल केन्द्रीय विद्युत मण्डल, के.लो.नि.वि, करनाल।
11. आयकर अधिकारी, सैक्टर -12, अर्बन एस्टेट, करनाल।
12. परिष्कृत भ्रम अधिकारी(उ.अं.)के.लो.नि.वि., केन्द्रीय सदन सै 9ए चण्डीगढ़।
13. सहायक भ्रम आयुक्त (सी) भारत सरकार, भ्रम मंत्रालय, फ्लैट नं. S-1 over main shopping centre, NH-IV, Faridabad.
14. सहायक इंजीनियर, गुरुक्षेत्र केन्द्रीय उपमण्डल, गुरुक्षेत्र।
- 15-17 सहायक इंजीनियर(यो)/कार्यालय अधीक्षक/रीकॉर्डिंग, करनाल केन्द्रीय मंडल, करनाल।
18. भ्रम प्रवर्तक अधिकारी(केन्द्रीय) फोटी नं.32, बैंक कालोनी, करनाल।
19. वर्क फाईल।

कार्यपालक अभियंता

Item No.21.4 To consider and approve the Revised Cost estimate for construction of 300 Seater Multi-purpose boys hostel including 100 suits for foreign students, research scholars and married PG Students. (Multi-storeyed framed structure) (Ground +5) at NIT, Kurukshetra.

The work for construction of 300 Seater Multi-purpose boys hostel including 100 suits for foreign students, research scholars and married PG Students. (Multi-storeyed framed structure) (Ground +5) at NIT, Kurukshetra was approved by B&WC in its 15th meeting held on 19.12.2011 vide item no. 15.12 and subsequently by FC & BOG. Accordingly, A/A & E/S of the work was conveyed to CPWD for execution vide letter no. CC/19/96 dated 07/08.01.2013 for an amount of Rs. 3596.00 lacs. The work was allotted to the Construction Agency by CPWD vide letter no. 54(NIT)/KCD/2015/779 dated 17.03.2015 (copy enclosed). The work is in progress and at an advance stage of construction. Now, the preliminary revised cost estimate to the tune of Rs. 50,65,79,100/- has been received from the office of Chief Engineer (NZ-I), CPWD, Chandigarh vide letter no. 23(390)/SE(P)/EE(P)/385 dated 04.02.2016 in which it is stated that the revision is required due to the fact that sanction of Rs. 3596/- lacs was conveyed by NIT, authorities based on their own estimate i.e. on the basis of PAR 2007 in which so many provisions such as additional height of each floor, deeper foundation, no provision for green building norms, labour cess, VAT, EPF, ESIC and no cost index were taken at the time of conveying sanction in January 2013. The revised cost estimate was submitted on the actual plinth area of building i.e 15675 Sqm. Considering PAR 2012 rates with upto date cost index of 9% and all the provisions of Labour Cess, VAT, Service Tax, EPF, ESIC, Green Building norms have been considered. In the sanction given by your department Rs. 42.00 lacs was included for 2 nos. lifts whereas as per the approved Architectural drawings, 4 nos. lifts amounting to Rs. 1,12,00,000/- have been taken in the revised preliminary cost estimate.

The revised preliminary cost estimate submitted by the CPWD was placed before the Estate Affair Committee in its meeting held on 16.02.2016. The EAC discussed the preliminary revised cost estimate to the tune of Rs. 50,65,79,100/- including provision of 4 nos. lifts for construction of 300 Seater Multi-purpose boys hostel including 100 suits for foreign students, research scholars and married PG Students. (Multi-storeyed framed structure) (Ground + 5). The same was duly approved by the competent authority.

It is therefore, requested that the B&WC may consider and accord approval amounting to Rs. 50,65,79,100/- for the work of construction of 300 Seater Multi-purpose boys hostel including 100 suits for foreign students, research scholars and married PG Students. (Multi-storeyed framed structure) (Ground +5) including provision of 4 nos. lifts.



दिनांक: 8/9/16

Phone: 011-2321515

Fax: 011-2321678

E-mail: cepw@nic.gov.in, cepw@cpwd.gov.in

www.cpwd.gov.in

भारत सरकार

GOVERNMENT OF INDIA

केन्द्रीय लोक निर्माण विभाग

CENTRAL PUBLIC WORKS DEPARTMENT

कार्यालय मुख्य अभियंता (उ.अ. 1)
केन्द्रीय लोक निर्माण विभाग,
केन्द्रीय सदन, सेक्टर 9-ए,
एनडीएम - 160009



Office of the Chief Engineer (NZ-1)
Central Public Works Department
Kendriya Sadan, Sector P A,
Chandigarh-160009

संख्या: 23(390)/अ.अ.नि.0(400)/का.अ.नि.0(400)/ 385

दिनांक: 4/9/16

सेवा में,

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

P/E (E/C)

P/E (E/M)

9/9/16

विषय:- C/o 300 Seater Multi-Purpose Boys Hostel i/c 100 Suites for Foreign Students, Research Scholars and Married PG Students (Multi-storied framed structure) (G+5) i/c Internal Water Supply, Sanitary Installation, Drainage & Internal Electrical Installations at NIT, Kurukshetra (Haryana) - Regarding Revised Preliminary Estimate.

भावेदन,

मुझे सहाय अधिकारी के प्रशासनिक अनुमोदन एवं पत्र स्वीकृति के लिए रु. 50,65,79,100/- रूपए Fifty Crore Sixty Five Lac Seventy Nine Thousand and One Hundred मात्र के Revised प्रारम्भिक अनुमान दो प्रतियों में भेजने का निर्देश हुआ है। कार्य की आवश्यकता और अनुमान के प्रावधानों को रिपोर्ट में दर्शाया गया है। अनुरोध है कि कार्य की मजदूरी भेजते समय "लेखा शीट" निराक अंतर्गत पत्र किया जाना है सूचित किया जाए।

संलग्न:- Revised प्रारम्भिक अनुमान (दो प्रतियों में)

कार्यपालक अभियंता (पो.-1)

प्रतिलिपि:-

1. अधीक्षण अभियंता, चण्डीगढ़ केन्द्रीय परिमंडल, केन्द्रीय लोक निर्माण विभाग, चण्डीगढ़।
2. वरिष्ठ वास्तुज्ञ (चण्डीगढ़), केन्द्रीय लोक निर्माण विभाग केन्द्रीय सदन, सेक्टर 9-ए एनडीएम।
3. अधीक्षण अभियंता (वै०), चण्डीगढ़ केन्द्रीय विद्युत परिमंडल, केन्द्रीय लोक निर्माण विभाग, चण्डीगढ़।
4. कार्यपालक अभियंता (डिजाइन), कार्यालय मुख्य अभियंता (उ.अ. 1), केन्द्रीय लोक निर्माण विभाग, चण्डीगढ़।
5. कार्यपालक अभियंता (वै०), कार्यालय केन्द्रीय विद्युत परिमंडल, केन्द्रीय लोक निर्माण विभाग, चण्डीगढ़।
6. कार्यपालक अभियंता, कार्यालय केन्द्रीय मंडल, केन्द्रीय लोक निर्माण विभाग, चण्डीगढ़।
7. सहायक अभियंता (MIS), कार्यालय मुख्य अभियंता, (उ.अ. 1) केन्द्रीय लोक निर्माण विभाग, चण्डीगढ़ को History Sheet सहित WBPMIS में सम्मिलित करने हेतु।

**GOVT. OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE : HARYANA **DIVISION:-** KARNAL CENTRAL DIVISION **BRANCH -** B&R

Name of work:- C/o 300 Seater Multi-Purpose Boys Hostel i/c 100 Suites for Foreign Students, Research Scholars and Married PG Students (Multi-storeyed framed structure) (G+5) i/c Internal Water Supply, Sanitary Installation, Drainage & Internal Electrical Installations at NIT, Kurukshetra (Haryana).

Major Head:

Minor Head:

Detailed Head:

This revised preliminary estimate framed by Er. Varun Kumar, Executive Engineer, Karnal Central Division, CPWD, Karnal, processed by Er. R.K. Gandhi, Executive Engineer (P), Chandigarh Central Circle, CPWD, Chandigarh and further processed by Er. A.P. Garg, Executive Engineer(P), O/o CE(NZ-I), CPWD, Chandigarh for the probable cost of Rs.50,65,79,100/- i/c 3% contingencies.

REPORT

HISTORY: This revised preliminary estimate amounting to Rs. 50,65,79,100/- i/c 3% contingencies has been framed to cover up the probable cost of the above mentioned work for accord of revised A/A & P/S of the competent authority. Earlier A/A & E/S was received for Rs.3596 lac vide the letter No. CC/19/96 dated 08.01.2013 from Dean(Estate) NIT Kurukshetra against preliminary estimate prepared by Executive Engineer, NIT, Kurukshetra based on PAR-2007 with C.I. 25%. Revised Preliminary Estimate is required due to change in requirement of the client department and requisition conveyed vide their letter No. CC/3506/93/4743 dated 31.08.2015. As there is increase in plinth area from 15300 sqm to 15675 sqm in final drawings and imposition of service tax and increase in cost of construction from the time of sanction and the time of start of work. Hence this estimate.

DESIGN & SCOPE: Following provisions have been made in the estimate. :-

A. Civil Work:-

- (i) RCC framed structure up to six stories.
- (ii) RCC raft foundation.
- (iii) Resisting earthquake forces.
- (iv) Internal Water Supply and Sanitary Installations
- (v) External service connections
- (vi) Furniture work.

B. Electrical Work:-

- (vii) Provision for Underground sump.
- (viii) 4 No. 13 Passenger lift. (Speed 1.5MPS)
- (ix) Fire Fighting with down Corner, Fire Extinguishers
- (xi) Augmentation of Panels and laying of Cables etc.
- (xii) Rising Mains with Al. Bus Bar (i) 200Amp (ii) 400 Amp
- (xiii) Solar Voltaic System.
- (xiv) VRF/ VRF AC System.
- (xv) Fire Alarm System.
- (xvi) Telephone conduits.
- (xvii) Barrier free building.

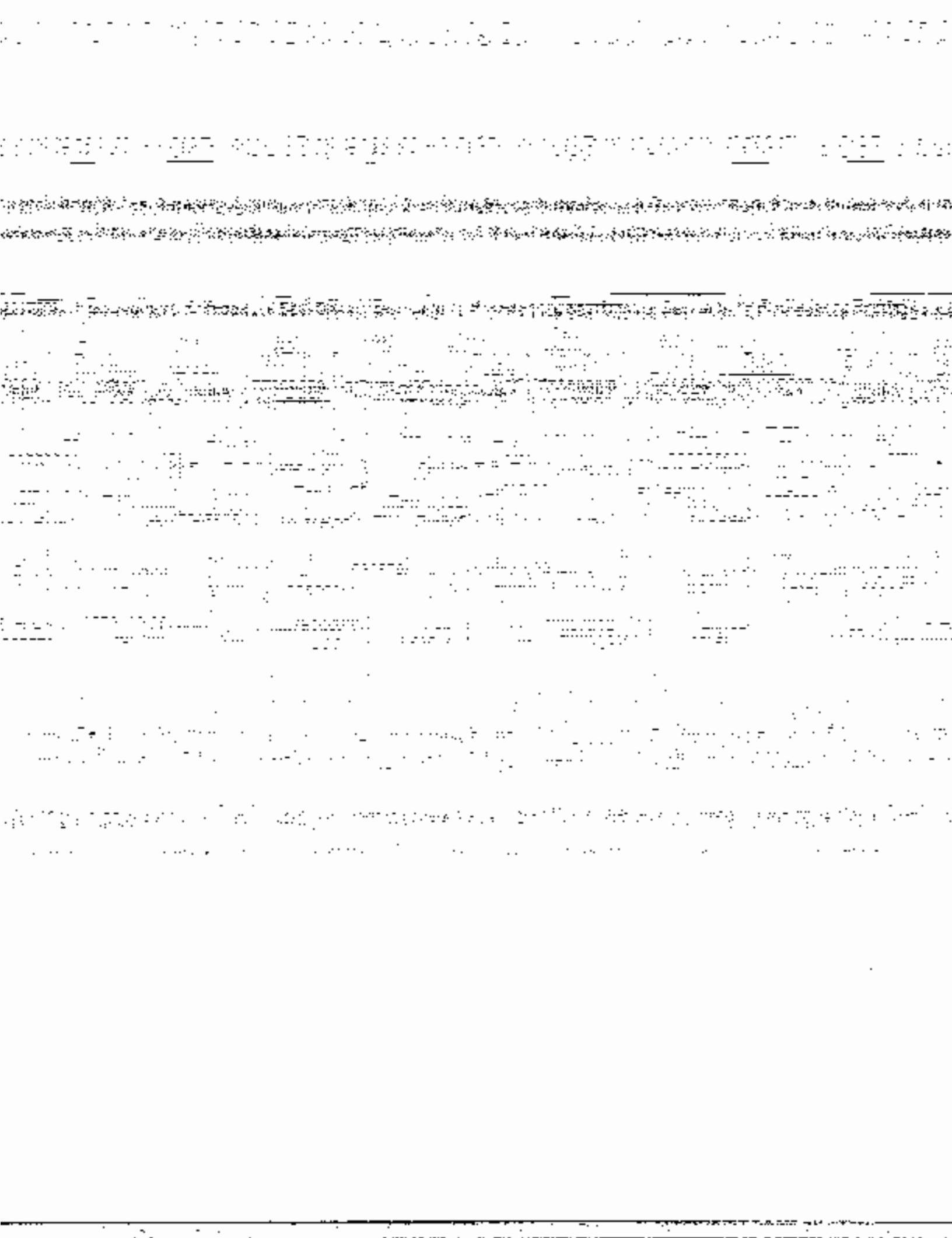
SPECIFICATIONS: The work shall be carried out as per CPWD specification 2009 Vol-I to II, with upto date correction slips

RATES: Based on PAR 2012 enhanced by approved cost index 100 (base 100) as on 01-07-2014.

AMOUNT: Rs 50,65,79,100 + i/c 3% 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: After receipt of A/A & E/S
 a) Pre-construction activities - 03 Months.
 b) For Execution of work - 18 Months.
 Total - 21 Months

for review & approval
27/1/16
 Assistant Engineer (P)
 CPWD, Chandigarh.


 Executive Engineer (P)-1
 CPWD, Chandigarh.



		Tax & being the Principal Employer, CPWD is to reimburse the same to the agency executing work. Also there is significant increase in cost of material & labour during the period between receipt of original A/A & B/S & start of work. Hence Revised preliminary estimate has been framed based on PAR-2012 duly enhanced with approved cost index as on 01-07-2014 & including Service Tax to obtain the revised A/A & B/S from the client dept.
4.	770 300 Seater Multi-Purpose Boys Hostel i.e. 100 Suites for Foreign Students, Research Scholars and Married PG Students (Multi-storied framed structure) (G+5) i.e. internal Water Supply, Sanitary Installation, Drainage & Internal Electrical Installations at NIT, Kurukshetra (Haryana)	The revision is required due to the fact that sanction of Rs. 3596 lacs was conveyed by the NIT authorities based on their own estimate in which so many provisions such as additional height of each floor, deeper foundation, no provision for green building norms, labour cess, VAT, EPC, ESIC and no cost index was taken at the time of giving sanction in Jan. 2013. The revised estimate has been submitted based on the actual plinth area of the building i.e. 15675 sqm considering PAR 20-2, rates with upto date cost index of 9% and all the provisions of Labour Cess, VAT, Service Tax, EPC, ESIC, Green Building norms has been considered. In the sanction given by your department Rs. 42 lacs was included for 2 Nos. lifts whereas as per approved Architecture drawings 4 Nos. lifts amounting to Rs. 1,12,00,000/- has been taken in RPE


 कार्यपालक अभियंता
 कर्नाल केंद्रीय गण्डल
 को.लो.नि.वि. कर्नाल

- 15.12 To consider and approve the Rough Cost Estimate for Construction of 300 seater Multi-Purpose Boys Hostel including 100 suites for foreign students, research scholars and married PG students. (Multi-Storeyed framed structure Ground Floor + 5) at NIT, Kurukshetra.

The Building & Works Committee approved the Rough Cost Estimate for construction of 300 seater Multi-Purpose Boys Hostel including 100 suites for foreign students, research scholars and married PG students. (Multi-storied framed structure Ground Floor + 5) at a cost of Rs. 30.96 crores including additional 5% for the provisions of green building i.e. provision of solar water heating system solar lighting system etc.

- 15.13 To consider and approve the Rough Cost Estimate for Construction of 3 Storey bearer barrack comprising of 2 blocks to accommodate 96 bearers at NIT, Kurukshetra.

The Building & Works Committee approved the Rough Cost Estimate for Construction of 3 Storey bearer barrack comprising of 2 blocks to accommodate 96 bearers at a cost of Rs. 2.45 crores.

- 15.14 To consider & approve the Rough Cost Estimate for construction of Boundary Wall (left out stretches) for a length of about 800 mtr. and Gate (near UHBVN office) at NIT, Kurukshetra.

The Building & Works Committee advised to adopt DSR for revised cost estimate instead of HSR.

The Building & Works Committee approved the Rough Cost Estimate for construction of Boundary Wall (left out stretches) for a length of about 800 mtr. and Gate (near UHBVN office) at the cost of Rs. 48.25 lacs on DSR basis (Annexure -4).

- 15.15 To consider and approve the Rough cost estimate providing permanent fencing along the lawns & gardens of the Institute with revolving entry gates including CC pathways at NIT, Kurukshetra.

The Building & Works Committee advised to adopt DSR for revised cost estimate instead of HSR.

No. CG/19/96

Dated: 07/01/2013

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

Subject:- Administrative approval & Expenditure sanction for the Construction of 300 Seaters Multi-purpose boys hostel including 100 suits for foreign students, research scholars and married PG Students. (Multi-storeyed framed structure). (Ground Floor +5).

Reference: MoU dated 20.12 2012 & approval of the Hon'ble Director on dated. 04-01-2013.

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	Amount REC (Rs. in Lacs)
1	Construction of 300 Seaters Multi-purpose boys hostel including 100 suits for foreign students, research scholars and married PG Students. (Multi-storeyed framed structure). (Ground Floor +5).	Rs. 3598.00 (Rs. Three Thousand Five Hundred Ninty Six Lacs Only)

Dean (Estate)
For Director

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)
9. DR (Acs)
10. Executive Engineer, Construction Cell
11. A E. (Civil)
12. J.E. (Elect.)
13. J.E. (Civil)

Preliminary Estimate for construction of 300 seater boys hostel including 100 suits for married P.G. Students/research Scholars.

**on Plinth area rates as per CPWD
(Multi-Storeyed framed structure)
(Ground Floor + 5)**

1. Total plinth area for 300 seater boys hostel including 100 suits for married PG Students / Research Scholars.

(200 seater boys hostel 100 suits (family rooms with attached toilets + common room), dining hall, kitchen pantry, visitors rooms, sick room, reading room, warden office, warden residence, entrance lounge, reception, staircase, lift lobby, circulation

15300 sqm

CPWD plinth area rates as on 01.10.2007+ 25% add premium

(i)	RCC framed structure (up to 6 storeyes)	=	9100 sqm.
(ii)	RCC raft foundation (Ground Floor only)	=	3580 sqm.
(ii)	Fire Fighting	=	300 sqm
	Total		12980 +25%

Total Cost	=	15300	x	16200 sqm.
			Total	2478 lacs

2. Services

(i)	Internal water supply and sanitary installations @ 10%	Rs	248 lacs
(ii)	External Service @ 5%	Rs.	124 lacs
(iii)	Internal electric installations @ 13.5 %	Rs.	334 lacs
	Total-		706 lacs

3. Allied works such as lifts back up power supply, Sub-Stations, Furnitures etc.

(i)	Lifts 2 Nos. (13 passengers 884 kg. wt. 1.5m/s speed)	@ Rs.	21 lacs each
		Rs.	42 lacs
(ii)	Back up power supply (DG Sets)	Rs.	20 lacs
(iii)	Electric H/T L/T S/S	Rs.	20 lacs
	Furniture for Hostel (Rooms, PG rooms offices, Dining Hall, Kitchen etc)	Rs.	50 lacs
	Total		142 lacs

Grand Total	2478 +	706 +	142
		=	3326 lacs
3% contingencies		Rs	90 lacs
		Total	3425 lacs


Executive Engineer
NIT, Kurukshetra

पदक पत्र

संख्या- 54(NIT)/क.के.मं/2015

दिनांक 13/3/2015

सेवा में

M/s. Jai Prakash & Sons,
222-A, Luni Mohalla,
Dehradun - 248001

विषय : C/o 300 Seater Multi-Purpose Boys Hostel i/c 100 Suites for Foreign Students, Research Scholars and Married PG Students (Multi-storeyed framed structure) (G+5) i/c Internal Water Supply, Sanitary Installation, Drainage & Internal Electrical Installations at NIT, Kurukshetra (Haryana).

संदर्भ : इस कार्यालय के पत्र संख्या 54(NIT)/क.के.मं/598 दिनांक 25.2.2015 एवं आपका पत्र संख्या 'शून्य' दिनांक 7.3.2015 एवं ओ.बी.सी. बैंक पत्र संख्या 181305 दिनांक 8.3.2015 received on 11.3.2015.

महोदय,

Your item rate composite tender for the work mentioned above has been accepted on behalf of the President of India at your negotiated tendered amount of ₹ 28,93,64,991/- (Rupees Twenty Eight Crores Ninty Three lacs Sixty Four Thousand Nine Hundred & Ninty One Only) which works out to 6.30% (Six Decimal Three Zero Percent only) below against the estimated cost of ₹ 30,88,32,748/- (Rupees Thirty Crores Eighty Eight lacs Thirty Two Thousand Seven Hundred & Forty Eight Only). Your negotiation letter No. Nil Dt. 6.2.2015 & letter No. JP/HR/1501 Dt. 15.1.2015 will form part of the agreement.

Civil Work

1. Original Tendered amount : Rs. 27,42,03,740/- (A)
2. Percentage against E.C. Rs. 29,52,28,094/- put to tender : 7.12% below (Civil)

Electrical Work

1. Original Tendered amount : Rs. 1,51,61,251/- (B)
2. Percentage against E.C. Rs. 1,36,04,654/- put to tender : 11.44% above (Elect)

Composite

1. Net amount of composite tender (A+B) : Rs. 28,93,64,991/-
2. Composite ECPT : Rs. 30,88,32,748/-
3. Percentage against E.C. Rs. 30,88,32,748/- put to tender : 6.30% below

You are requested to furnish PERT chart within 15 days of award of work and execute works as per schedule.

You are requested to attend this office to complete the formal agreement within seven days from the date of issue of this tender.

You are also requested to attend the office of Executive Engineer, Karnal Central Elect. Division, CPWD, Karnal to complete the formal agreement for electrical portion of the work within 15 days from the date of issue of this letter.

You are requested to start the work at once. Please note that the the time allowed for carrying out the work i.e. 630 days (Six Hundred & Thirty days) shall be reckoned from 19.3.2015.

It is also made clear that you have to execute separate agreements for civil and electrical works with Executive Engineer, Karnal Central Division, for civil components and EE(E) for elect. Components.

भवदीय,

कार्यपालक अभियंता,
करनाल केन्द्रीय मण्डल,
के.लो.नि.वि., करनाल।

प्रतिलिपि :-

1. मूल फ़ैरार।
2. अतिरिक्त निर्माण महाविदेशक (NR-1), के.लो.नि.वि., केन्द्रीय संदन, सै.-9ए, चण्डीगढ़।
3. मुख्य इंजीनियर(उ.अं.), के.लो.नि.वि., चण्डीगढ़ को उनके पत्र संख्या 17/8/2015-लेखा एवं लेका/351 दिनांक 24.2.2015 के संदर्भ में सूचनाएं।
4. अधीक्षण अभियंता, चण्डीगढ़ केन्द्रीय परिमण्डल, के.लो.नि.वि., चण्डीगढ़।
5. अधीक्षण अभियंता(वि), चण्डीगढ़ केन्द्रीय विद्युत परिमण्डल-1, के.लो.नि.वि., चण्डीगढ़।
6. आगकर आयुक्त, आगकर कार्यालय, कुरुक्षेत्र।
7. पेतन एवं लेखाधिकारी (उ.अं.) के.लो.नि.वि., आर.के.पुरम, नई दिल्ली।
8. कार्यपालक अभियंता(वि), करनाल केन्द्रीय विद्युत मण्डल, के.लो.नि.वि., करनाल। Encl :- Contractor negotiation letter No. Nil Dt. 6.2.2015.
- ✓ Dcan (Estate), NIT, Kurukshetra
10. परिक्षा श्रम अधिकारी (उ.अं.), के.लो.नि.वि., केन्द्रीय संदन सै.-9ए चण्डीगढ़।
11. सहायक इंजीनियर, एन.आई.टी कुरुक्षेत्र केन्द्रीय उपसंरक्षण, कुरुक्षेत्र।
- 12-14. सहायक इंजीनियर(वि)/प्रकारिक अधीक्षक/रोकड़ियां, करनाल केन्द्रीय मंडल, करनाल।
15. श्रम प्रवर्तक अधिकारी(केन्द्रीय) कोठी नं.32, बैंक कॉलोनी, करनाल।
16. वर्क फाईल।

कार्यपालक अभियंता

Item No. 21.5

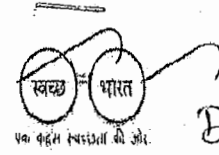
To consider and approve the Revised Cost estimate for construction of 3 Storey bearer barrack comprising of 2 Blocks to accommodate 96 bearers at NIT, Kurukshetra.

The work for the construction of 3 Storey bearer barrack comprising of 2 Blocks to accommodate 96 bearers was approved by B&WC in its 15th meeting held on 19.12.2011 vide item no. 15.13 and subsequently approved by FC & BOG. Accordingly, the work allotted to CPWD for execution vide letter no. CC/20/97 dated 07/08.01.2013 for an amount of Rs. 245.00 lacs. The tender for the work was finalized by CPWD vide letter no. 54(NIT)/KCD/2013/2639 dated 03.10.2013. The work has been completed. Now, the preliminary revised cost estimate to the tune of Rs. 2,95,03,388/- has been received from the office of Superintending Engineer (Civil), CPWD, Chandigarh vide letter no. CCC/23(4515)/NIT-3/217 dated 15.01.2016, in which it is stated by CPWD that the revision is required due to the fact that the total A/A & E/S amounting to Rs. 245.00 lacs was based on preliminary estimate prepared on PAR-2007 duly enhanced by 25% for cost index not including Service Tax & being the Principal Employer, CPWD is to reimburse the same to the agency executing work. Also there is significant increase in cost of material & labour during the period between receipt of original A/A & E/S and start of work. Hence Revised Preliminary Estimate has been framed based on PAR-2012 duly enhanced with approved cost index as on 01.07.2014 & including Service Tax.

The preliminary revised cost estimate was placed before the Estate Affair Committee in its meeting held on 16.02.2016. The EAC discussed the preliminary revised cost estimate to the tune of Rs. 2,95,03,388/- for the construction of 3 Storey bearer barrack comprising of 2 Blocks to accommodate 96 bearers. The same was approved by the competent authority.

It is therefore, requested that the B&WC may consider and accord approval amounting to Rs. 2,95,03,388/- for the construction of 3 Storey bearer barrack comprising of 2 Blocks to accommodate 96 bearers.

Dy. No.	436	Date	21/11/16
R	DPD	CV	CE
E	M	PI	NE
Mu	CV	PC	PS
PE	CCN	PRG	LMO
GA	A	ISQ	EO
		DS	PIS
			PIC



Dy. No. c

Date 21/11

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

संख्या:-च.के.परि./23(4515)नि.3/ 217

दिनांक:- 15/11/16

सेवा में,

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

विषय:-

Construction of 3 storey bearer barracks comprising of 2 blocks including electrical installations at NIT, Kurukshetra (Haryana).

महोदय,

उपरोक्त कार्य का 2,95,00,388/- रुपये राशि का संशोधित प्रारम्भिक अनुमान इसके साथ प्रतियों में संलग्न किया जाता है। इस कार्य के लिए आवेदन आपके पत्र संख्या: CC/3506/93/4743 dated 31-8-2015 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

प्रतिलिपि: -

- 1 मुख्य अभियंता (उ.अं-1), के.लो.नि.वि., केन्द्रीय सदन, सैक्टर-9-ए, चण्डीगढ़।
- 2 अधीक्षण अभियंता (वैद्युत), चण्डीगढ़ केन्द्रीय वैद्युत परिमण्डल, के.लो.नि.वि., केन्द्रीय सदन, सैक्टर-9-ए, चण्डीगढ़। अनुमान में electrical provisions आपके द्वारा अधोहस्ताक्षरी को दिनांक 14-1-2016 को दिए गए विवरण अनुसार लिए गए हैं।

संलग्न: अनुमान (एक प्रति)

- 3 सीनियर आर्किटेक्ट, (चण्डीगढ़), के.लो.नि.वि., केन्द्रीय सदन, सैक्टर-9-ए, चण्डीगढ़।

- 4 कार्यपालक अभियंता, करनाल केन्द्रीय मण्डल, के.लो.नि.वि., करनाल।

संलग्न: अनुमान (एक प्रति)

- कार्यपालक अभियंता (वैद्युत), करनाल केन्द्रीय वैद्युत मण्डल, के.लो.नि.वि., करनाल।

संलग्न: अनुमान (एक प्रति)

अधीक्षण अभियंता

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE: HARYANA

DIVISION: KARNAL CENTRAL

BRANCH: B&R

Name of work:- Construction of 3 storey bearer barracks comprising of 2 blocks including electrical installations at NIT, Kurukshetra (Haryana).

Major Head:

Minor Head:

Detailed Head:

This Revised preliminary estimate framed by Er. Varun Kumar, Executive Engineer, Karnal Central Division, CPWD, Karnal and further processed by Er. R.K.Gandhi, Executive Engineer (P), Chandigarh Central Circle, CPWD, Chandigarh of the probable cost of Rs.2,95,03,388/- i/c 3% contingencies.

REPORT

History: This draft Revised preliminary estimate amounting to Rs.2,95,03,388/- i/c 3% contingencies has been framed to cover the probable cost of the above noted work and for accord of revised A/A & E/S from the competent authority. The requisition for this estimate has been received from NIT authorities vide their letter No. CC/3506/93/4743 dated 31.08.2015. The revision is required due to the fact that the total A/A & E/S amounting to Rs. 245.00 lacs earlier issued by NIT authorities vide their letter No. CC/20/97 dated 07-01-2013 was based on preliminary estimate prepared by them on PAR 2007 duly enhanced by 25% for cost index not including Service Tax & being the Principal Employer, CPWD is to reimburse the same to the agency executing work. Also there is significant increase in cost of material & labour during the period between receipt of original A/A & E/S & start of work. Hence Revised preliminary estimate has been framed based on PAR-2012 duly enhanced with approved cost index as on 01-07-2014 & including Service Tax to obtain the revised A/A & E/S from the client deptt.

Design & Scope: The following provisions have been made in the estimate:

1. RCC framed structure upto six storeys
2. Resisting earthquake forces.
3. Internal water supply & sanitary installations and external service connections.
4. Internal electrical installations and external service connections

Specifications: The work shall be carried out as per CPWD specification 2009 Vol-I to II with upto date correction slips

Rate: Based on PAR 2012 duly enhanced with approved cost index 100 as on 1-7-2014.

Amount: Rs.2,95,03,388/- i/c 3% contingencies.

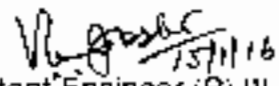
T&P: Shall be arranged by contractor.

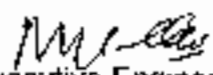
W.C.Estt.: Shall be met out of contingencies.

Land: Available.

Method: By contract after call of tenders.

Time allowed: 270 days


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


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



ABSTRACT OF COST

Name of work:- Construction of 3 storey bearer barracks comprising of 2 blocks including electrical installations at NIT, Kurukshetra (Haryana).

[illegible]

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

संख्या: CC(NIT)/क.क.नं/2016/ 317-

सेवा में,

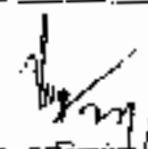
The Dean (Estate),
NIT, Kurukshetra

विषय : Justification for revised estimates

As per discussion held in the meeting on dt. 20.1.2016 in the chamber of Sh. S.N. Ranshik, AE (Civil), NIT, Kurukshetra the required justification for revised estimates for the following works is as under :-

S.No.	Name of Work	Justified reasons for revised estimates
1.	CC 600 Seater Girls Hostels (Multi Storeyed) RCC framed structure (Ground + 5) i.e internal & external Water Supply, Sanitary Installation, Internal Electrical Installations, Drainage & Development of site at NIT, Kurukshetra (Haryana)	The revision is required due to the fact that the total A/A & B/S amounting to Rs. 48.99 lacs earlier issued by NIT authorities vide their letter No CC/18 dated 07.01.2013 was based on preliminary estimate prepared by their own based on PAR 2007 duly enhanced by 25% for cost index & does not include Service Tax. CPWD being the Principal Employer has to reimburse the same to the contractor executing the work. Also there is Significant increase in cost of material & labour during the period between receipt of original A/A & B/S & start of work. The tender for this work was finalized in May, 2014. Hence Revised preliminary estimate has been framed based on PAR-2013 duly enhanced with approved cost index as on 01-07-2014 & including Service Tax, to obtain the revised A/A & B/S from the competent authority.
2.	Provision of university gate and kinnich road main gate at NIT, Kurukshetra	The revision is required due to change in architectural drawings as approved by NIT Authorities and execution of major additional work as desired by client dept.
3.	Construction of 3 storey bearer barracks comprising of 2 blocks including electrical installation at NIT Kurukshetra	The revision is required due to the fact that the total A/A & B/S amounting to Rs. 245.00 lacs earlier issued by NIT authorities vide their letter No CC/20/97 dated 07-01-2013 was based on preliminary estimate prepared by NIT Authorities on PAR 2007 duly enhanced by 25% for cost index not including Service

		Tax & being the Principal Employer, CPWD is to reimburse the same to the agency executing work. Also there is significant increase in cost of material & labour during the period between receipt of original A/A & E/S & start of work. Hence Revised preliminary estimate has been framed based on PAR-2012 duly enhanced with approved cost index as up to 01-07-2014 & including Service Tax to obtain the revised A/A & E/S from the client dept.
4.	C/o 300 Seater Multi-Purpose Boys Hostel i/c 100 Suites for Foreign Students, Research Scholars and Married PG Students (Multi-storeyed framed structure) (G+5) i/c internal Water Supply, Sanitary Installation, Drainage & Internal Electrical Installations at NIT, Kurukshetra (Haryana)	The revision is required due to the fact that sanction of Rs. 3596 lacs was conveyed by the NIT authorities based on their own estimate in which so many provisions such as additional height of each floor, deeper foundation, no provision for Green building norms, labour cess, VAT, EPF, ESIC and no cost index was taken at the time of giving sanction in Jan. 2013. The revised estimate has been submitted based on the actual plinth area of the building i.e. 15675 sqm considering PAR 2012 rates with upto date cost index of 99 and all the provisions of Labour Cess, VAT, Service Tax, EPF, ESIC, Green Building norms has been considered. In the sanction given by your department Rs. 42 lacs was included for 2 Nos. lifts whereas as per approved Architecture drawings 4 Nos. lifts amounting to Rs. 1,12,00,000/- has been taken in RPR.


 कार्यपालक अभियंता
 कर्नाल केन्द्रीय मण्डल
 के.तो.जि.वि, कर्नाल

- 15.12 To consider and approve the Rough Cost Estimate for Construction of 300 seater Multi-Purpose Boys Hostel including 100 suites for foreign students, research scholars and married PG students. (Multi-Storeyed framed structure Ground Floor + 5) at NIT, Kurukshetra.

The Building & Works Committee approved the Rough Cost Estimate for construction of 300 seater Multi-Purpose Boys Hostel including 100 suites for foreign students, research scholars and married PG students. (Multi-storied framed structure Ground Floor + 5) at a cost of Rs. 35.96 crpes including additional 5% for the provisions of green building i.e. provision of solar water heating system, solar lighting system etc.

- ~~15.13 To consider and approve the Rough Cost Estimate for Construction of 3 Storey bearer barrack comprising of 2 blocks to accommodate 96 bearers at NIT, Kurukshetra.~~

The Building & Works Committee approved the Rough Cost Estimate for Construction of 3 Storey bearer barrack comprising of 2 blocks to accommodate 96 bearers at a cost of Rs. ~~2.45 crpes~~.

- 15.14 To consider & approve the Rough Cost Estimate for construction of Boundary Wall (left out stretches) for a length of about 800 mtr. and Gate (near UHBVN office) at NIT, Kurukshetra.

The Building & Works Committee advised to adopt DSR for revised cost estimate instead of HSR.

The Building & Works Committee approved the Rough Cost Estimate for construction of Boundary Wall (left out stretches) for a length of about 800 mtr. and Gate (near UHBVN office) at the cost of Rs. 48.25 lacs on DSR basis (Annexure -4).

- 15.15 To consider and approve the Rough cost estimate providing permanent fencing along the lawns & gardens of the Institute with revolving entry gates including CC pathways at NIT, Kurukshetra.

The Building & Works Committee advised to adopt DSR for revised cost estimate instead of HSR.

No. CC/ 20/97

Dated: 07/01/2012

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

Subject:- Administrative approval & Expenditure sanction for the Construction of 3 Storey bearer barrack comprising of 2 Blocks to accommodate 96 bearers.

Reference: MoU dated 20.12.2012 & approval of the Hon'ble Director on dated, 04-01-2013.

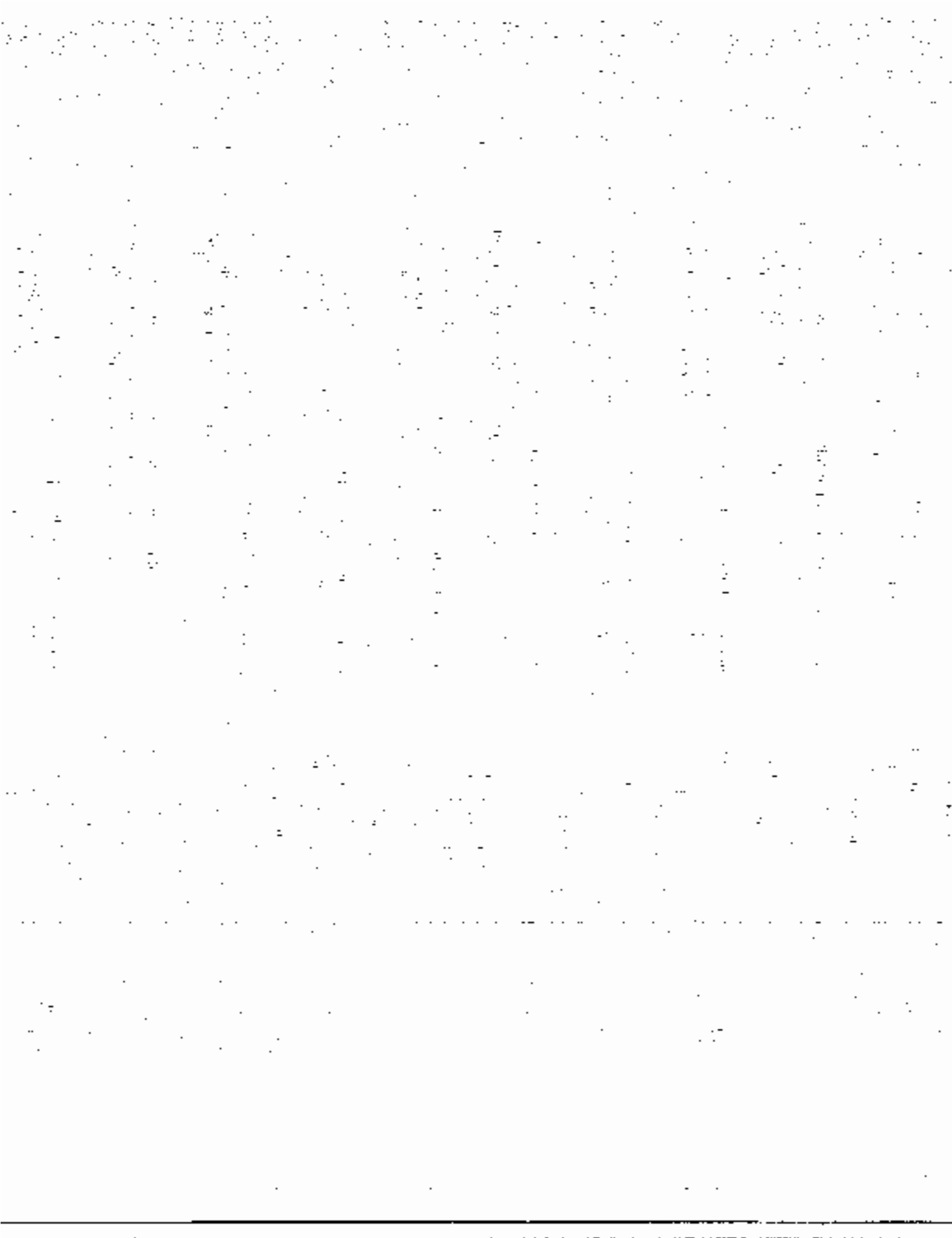
The administrative approval and expenditure sanction is hereby conveyed for the execution of the following work with the estimated amount as under:

Sr. No.	Name of Work	Amount REC (Rs. In Lacs)
1	Construction of 3 Storey bearer barrack comprising of 2 Blocks to accommodate 96 bearers.	Rs. 200.00 (Rs. Two Hundred Forty Five Lacs Only)

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)
9. DR (Acs)
10. Executive Engineer, Construction Cell
11. A.E. (Civil)
12. J.E. (Elect.)
13. J.E. (Civil)

Dean (Estate)
For Director



Preliminary Estimate for Construction of 3 storey Bearer Barrack comprising of 02 blocks to accommodate 96 bearers.

On plinth area rates as per CPWD
(3 storeyed load bearing construction)

Total plinth area for 96 mess workers 3 storey barracks including 24 family rooms with attached toilets + Conjunction room, circulation corridors, etc etc) = 2500 sqm.

CPWD plinth area rates as on 01.10.2007 + 2.5% add premium

(i)	Load bearing constructions (3 storey)	Rs.	6390 /sqm.
	+ 2.5%	Rs.	1590 /sqm.
		Total:	7980 /sqm.
	Total Cost	2500 x 7980 =	Rs. 1995 Lacs.

2. Services :-

(i)	Internal water supply, sanitary installations @ 12%.	Rs.	22 lacs
(ii)	External Service connections @ 5%.	Rs.	9 lacs
(iii)	Internal electric installations @ 13.5 %	Rs.	23 lacs
		Total:	54 lacs
	Grand Total	=	194 + 54 = 248
	3% contingencies		Rs. 7 lacs
		G.Total:	245 lacs

[Handwritten signatures and initials]

[Signature]
Executive Engineer
N.A.T. Korukshetra

2/10/13

प्रदक पत्र

संख्या- 54(NIT)/क.के.मं/2013/25637

दिनांक 2/10/13

श्रीमान

M/s. Vinod Kumar,
157, Prem Nagar,
Karnal

विषय : Construction of 3 storey bearer barracks comprising of 2 blocks including electrical installation at NIT Kurukshetra.

संदर्भ : इस कार्यालय के पत्र संख्या 54(NIT)/क.के.मं/2408 दिनांक 17.9.2013 एवं अभिलेख पत्र संख्या 'शुल्क' दिनांक 25.9.2013.

महोदय,

Your item rate composite tender for the work mentioned above has been accepted on behalf of the President of India at your tendered amount of ₹ 2,50,53,448/- (Rupees Two Crores Fifty Lacs Fifty Three Thousand Four Hundred & Forty Eight Only) which works out to 1.55% (One Decimal Five Five Percent only) above against the estimated cost of ₹ 2,46,70,068/- (Rupees Two Crores Forty Six Lacs Seventy Thousand & Sixty Eight Only).

Civil Work

- | | | |
|----|---|-----------------------|
| 1. | Original Tendered amount | Rs. 2,28,99,108/- (A) |
| 2. | Percentage against E.C. Rs. 2,24,32,076/- put to tender : | 3.68% above (Civil) |

Electrical Work

- | | | |
|----|---|---------------------|
| 1. | Original Tendered amount : | Rs. 21,54,340/- (B) |
| 2. | Percentage against E.C. Rs. 22,57,992/- put to tender : | 5.74% below (Elect) |

Composite

- | | | |
|----|---|-------------------|
| 1. | Net amount of composite tender (A+B) | Rs. 2,50,53,448/- |
| 2. | Composite ECPT | Rs. 2,46,70,068/- |
| 3. | Percentage against E.C. Rs. 2,46,70,068/- put to tender | 1.55% above |

You are requested to furnish PERT sheet within 15 days of award of work and execute works as per schedule.

You are requested to attend this office to complete the formal agreement within seven days from the date of issue of this tender.

You are also requested to attend the office of Executive Engineer, Group I Civil Elect. Division, PWD, Karnal to complete the formal agreement for electrical portion of the work within 15 days from the date of issue of this tender.

(Contd.)

You are requested to start the work at once. Please note that the time allowed for being on the job i.e. 270 days (Two Hundred & Seventy days) shall be reckoned from 10.10.2013.

It is also made clear that you have to execute separate agreements for civil and electrical works with Executive Engineer, Canal/Central Division for civil components and EEE for elect. Components.

आपकी,

— Sign —
कार्यपालक अभियंता,
करनाल केन्द्रीय मण्डल,
के.लो.नि.वि., करनाल।

प्रतिनिधि -

1. मूल पत्र।
2. अतिरिक्त निर्माण महाविदेशक (NR-II), के.लो.नि.वि., केन्द्रीय सदन, सै.-90, मण्डीगढ़।
3. मुख्य इंजीनियर(उ.अं.), के.लो.नि.वि., मण्डीगढ़ को उसके पत्र संख्या 17/13/2013-लेखा एवं सेवा/7576 दिनांक 13.9.2013।
4. अधीक्षण अभियंता, वाण्टीलड़ केन्द्रीय परिमण्डल, के.लो.नि.वि., मण्डीगढ़।
5. अधीक्षण अभियंता(वि), वाण्टीलड़ केन्द्रीय विद्युत परिमण्डल-1, के.लो.नि.वि., मण्डीगढ़।
6. आरक्षक आहुत, आरक्षक कार्यालय, करनाल।
7. पेशा एवं लेखाधिकारी(उ.अं.) के.लो.नि.वि., आर.के.पुरम, बर्ड दिल्ली।
8. कार्यपालक अभियंता(वि), करनाल केन्द्रीय विद्युत मण्डल, के.लो.नि.वि., करनाल।
9. विदेशक, एस.आई.सी, कुरुक्षेत्र।
10. वरिष्ठ श्रम अधिकारी(उ.अं.) के.लो.नि.वि., केन्द्रीय सदन सै. 90 मण्डीगढ़।
11. सहायक इंजीनियर, कुरुक्षेत्र केन्द्रीय उपमण्डल, कुरुक्षेत्र।
- 12-14. सहायक-इंजीनियर(यो)/कार्यालय अधीक्षण/योजना, करनाल केन्द्रीय मंडल, करनाल।
15. कम प्रवर्तक अधिकारी(केन्द्रीय) कोसी सं.12, बैंग मण्डीगढ़, करनाल।
16. बक फाईल।

कार्यपालक अभियंता

Sh. Randeep Singh Jha
to note.
28/9/2013

Item No. 21.6 To consider and approve the Revised Cost estimate for providing 40mm thick premix carpeting on various roads at NIT, Kuruksheta.

- a) From main approach road to Guest House and around Guest House
- b) From Apollo Canteen to NIT Gate via Mega Hostel, Hostel No. 7&8.
- c) Apollo Canteen Chowk to Y shape road via Open Air Theatre at NIT, Kurukshetra.
- d) From NIT Gate (towards KUK Gate) to Apollo Canteen Chowk via NIT Chowk, Kurukshetra.

The work of providing 40mm thick premix carpeting on various roads i.e. from main approach road to Guest House and around Guest House, From Apollo Canteen to NIT Gate via Mega Hostel, Hostel No. 7&8, Apollo Canteen Chowk to Y shape road via Open Air Theatre & From NIT Gate (towards KUK Gate) to Apollo Canteen Chowk via NIT Chowk, Kurukshetra was approved by B&WC in its 17th meeting held on 27.06.2013 vide item no. 17.5 and subsequently approved by FC & BOG. The A/A & E/S was conveyed to the Executive Engineer (Civil), CPWD, Karnal for amounting to (Rs. 24.88 + 15.44 + 17.91 + 4.73 = Rs. 62.96), for execution vide letter No. CC/CPWD/57/921 dated 15.2.2013. The work finalized by CPWD and allotted to the agency vide letter no. 54(NIT)/KCD/2013/804 & 805 dated 19.03.2013. The work has been completed on 12.4.2013 on the occasion of 10th Golden Jubilee Convocation of the Institute. The final expenditure received from the Executive Engineer (Civil) CPWD, Karnal vide letter no. 20(142)PS/KCD/2016/463 & 464 dated 04.02.2016 for an amount of (Rs. 45,89,489 and Rs. 28,04,818 = Rs. 73,94,307/-) respectively. The cost estimate increased due to the following reasons as submitted by CPWD.

1. During the execution of the work it was required to widen some stretch of road. So items like wet mix macadam, granular sub base which were not originally in the scope of work were executed. Also bituminous macadam quantity exceeded the agreement quantity. Because of these reasons, the work cost increased the estimated amount.
2. The area of recarpeting during the execution of work increased which resulted in increase in cost of work. As tack coat and carpeting area increased from 5620sqm. to 6435sqm.
3. Also chequerred precast cement concrete tiles provided along the road which resulted into increase of cost.
4. Dismantling of breakers and road scarifying items were not in agreement which resulted into cost increase.

The revised cost estimate submitted by the Executive Engineer (Civil) CPWD, Karnal for an amount of Rs. 73,94,307/- for re-carpeting from main approach road to Guest House and around Guest House, From Apollo Canteen to NIT Gate via Mega Hostel, Hostel No. 7&8, Apollo Canteen Chowk to Y shape road via Open Air Theatre & From NIT Gate (towards KUK Gate) to Apollo Canteen Chowk via NIT Chowk, Kurukshetra and the same was placed before the Estate Affair Committee. The same was approved by the competent authority.

It is therefore, requested that the B & WC may consider and accord approval for amounting to Rs. 73,94,307/- for the above said work.

6811-10

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

संख्या- 20(142)/यो.शा./क.के.सं./2016-17/463

दिनांक 4/2/16

सेवा में,

The Dean,
NIT, Kurukshetra

AECC
P/E (EEC) 9/2/16

Amrta 05.02.2016

16/2/16

विषय : Recarpetting of road from main approach road to Guest House and around Guest House, Apollo canteen to NIT gate via Mega Hostel, Hostel No. 7, 8 and Apollo canteen Chowk to Y shape road via open Air theatre at NIT, Kurukshetra.

उपरोक्त कार्य का संशोधित प्राक्कलन जिसकी लागत 45,89,489/- रुपये है। आपके कार्यालय से संशोधित प्रशासनिक स्वीकृति एवं व्यय मंजूरी प्राप्त करने हेतु संलग्न है। आपसे अनुरोध है कि उपरोक्त स्वीकृति जल्दी से जल्दी भेजे ताकि अग्रिम कार्यवाही की जा सकें।

संलग्न: प्राक्कलन

कार्यपालक अभियन्ता
करनाल केन्द्रीय मण्डल,
के.लो.नि.वि., करनाल।

प्रतिलिपि:

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

कार्यपालक अभियन्ता

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

Haryana

DIVISION: KCD

BRANCH: B & R

Est. No. :/EE/KCD/2016-17

Name of works:- Recarpetting of road from main approach road to Guest House and around Guest House, Apollo canteen to NIT gate via Mega Hostel, Hostel No. 7, 8 and Apollo canteen Chowk to Y shape road via open Air theatre at NIT, Kurukshetra.

Major Head	Minor Head	Detailed Head
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This Revised Estimate framed by Er. Charanjit Pasrija, Executive Engineer, Karnal Central Division, CPWD, Karnal of the probable cost of Civil work Rs. 45,89,489/- i/c 5% contingencies & 1% Labour cess.

REPORT

History: This Revised Estimate amounting to Rs. 45,89,489/- i/c 5% contingencies & 1% Labour cess has been framed to cover the probable cost of the above mentioned work for accord of revised A/A & E/S by the competent authority. The original A/A & E/S received from client department vide letter No. CC/57/921 Dated 15.02.2013 for Rs. 38.08/- Lacs. This revision is required due to some addition work has been executed as mention in revised preliminary estimate. As the final expenditure of the work exceeds more than 10 % of the original A/A & E/S amount. Hence this Revised estimate.

Design & Scope:

The Following provision has been made in this estimate:

1. Providing and applying tack coat
2. 4 cm thick bitumastic sheet with hot bitumen of approved quality using stone chippings
3. Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM)

Specification: The work carried out as per CPWD Specification 2009 .
Vol. I to II with up to date correction slips

Rate: Based on DSR 2012.

Cost: Rs. 45,89,489/- i/c 5% contingencies & 1% Labour cess

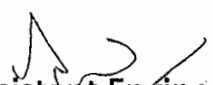
T&P: No T & P is required.

Land: Available

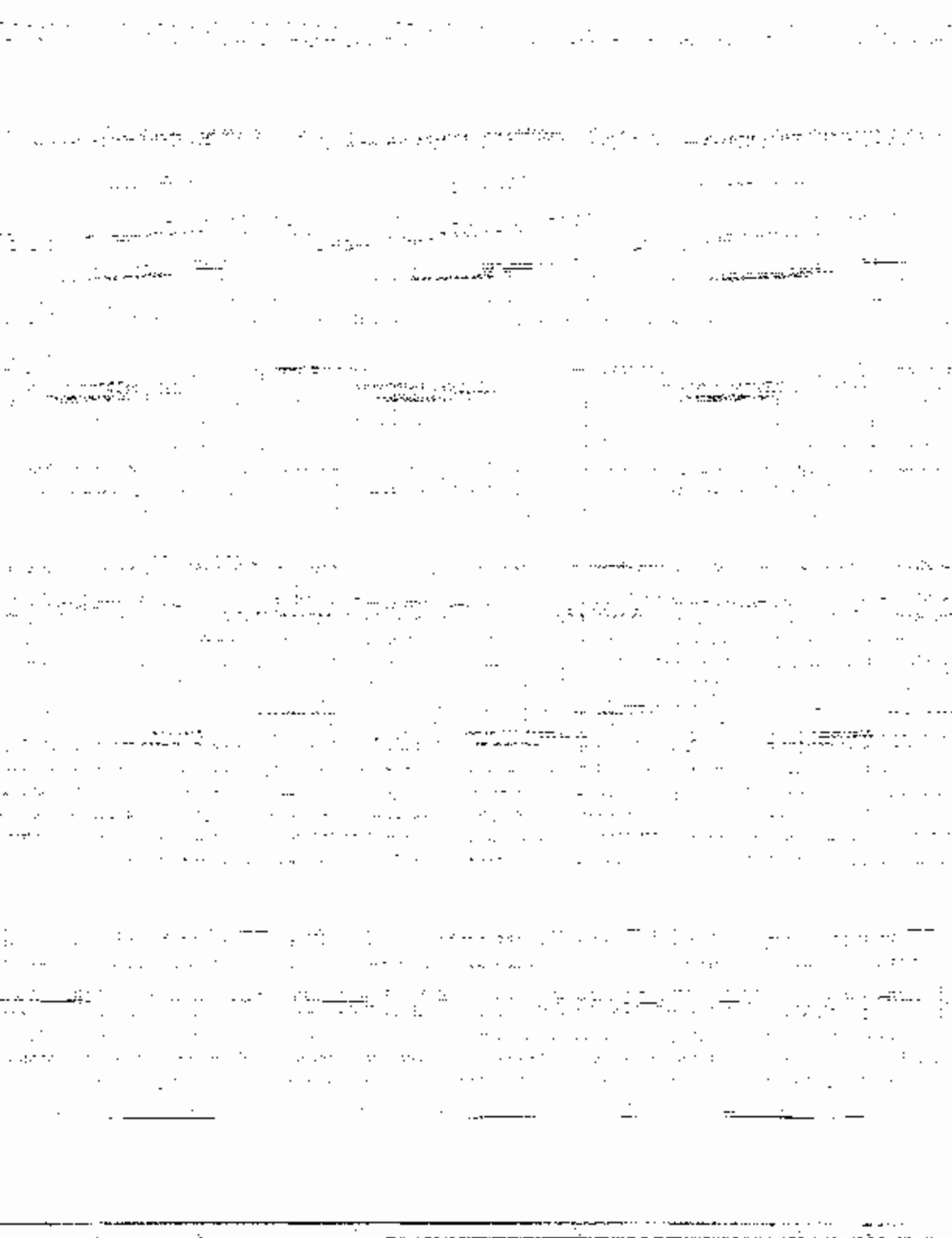
W.C. Estt.: Met out of 5% contingencies.

Method: Through contract after call of tender.

Time: Work Completed.


Assistant Engineer (P)


Executive Engineer
Karnal Central Division
CPWD, Karnal.



State : Haryana
Branch : Karnal

DIV. : Karnal Central Division
Sub-Div. : Kurukshetra Central Sub Division

Name of Work: Recarpetting of road from main approach road to Guest House and around Guest House, Apollo canteen to NIT gate via Mega Hostel, Hostel No. 7, 8 and Apollo canteen Chowk to Y shape road via open Air theatre at NIT, Kurukshetra.

S. No	Item Code	Description of Items	Unit	Original Estimate			Revised Estimate			Difference	Explanations
				Qty	Rate	Amount	Qty	Rate	Amount		
1	16	ROAD WORK			DSR-2012						
1.1	16.3	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:									As per actual requirement at site.
1.1.1	16.30.2	On bituminous surface @ 0.50 Kg / sqm.	sqm	8110.00	29.00	235190.00	8530.86	31.44	268210.00	33020.00	
1.2	16.39	4 cm thick bitumastic sheet with hot bitumen of approved quality using stone chippings (60% 12.5mm nominal size and 40% 10mm nominal size) @ 2.60cum per 100 sqm and coarse sand at 2.60cum per 100 sqm of road surface and with bitumen @ 56 kg/cum. of stone chippings and at 128 kg/cum of sand over a tack coat with hot straight run bitumen including consolidation with road roller of 8 to 10 tonne etc. complete. (tack coat to be paid separately) :									As per actual requirement at site.
1.2.1	16.39.1	With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt.	sqm	6780.00	346.85	2351643.00	6487.38	375.99	2439190.00	87547.00	
1.3	16.48	Painting road surface marking with adequate no. 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.									As per actual requirement at site.
1.3.1	16.48.1	New work (Two or more coats).	sqm	350.00	95.75	33513.00	-	-	0.00	-33513.00	
1.4	16.55	Providing and laying bituminous macadam using crushed stone aggregates of specified grading premixed with bituminous binder, transported to site by tipper, laid over a previously prepared surface with paver finisher equiped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications to achieve the desired compaction and density, complete as per specifications and directions of Engineer-in-Charge.									As per actual requirement at site.
1.4.1	16.55.1	50 to 100 mm average compacted thickness with bitumen of grade VG-30 @3.50% (percentage by weight of total mix) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.	cum	103.00	6374.25	656548.00	186.91	6909.69	1291490.00	634942.00	
1.5	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm. depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	Sqm	-	-	0.00	326.58	69.96	22848.00	22848.00	As per actual requirement at site.

1.6	16.78	Construction of granular sub-base by providing loose graded material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.									As per actual requirement at site.
1.6.1	16.78.1	With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30.	cum	-	-	0.00	48.99	2216.80	108601.00	108601.00	
1.7	16.77	Scarifying the existing bituminous road surface to a depth of 50mm and disposal of scarified material within all lifts and lead upto 1000 metre (by mechanical means).	sqm	-	-	0.00	5156.85	3.32	17121.00	17121.00	As per actual requirement at site.
1.8	16.30	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 :									As per actual requirement at site.
1.8.1	16.30.1	On W.B.M. @ 0.75 Kg / sqm.	Sqm	-	-	0.00	1330.53	45.86	61018.00	61018.00	
1.9	16.79	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by tipper to site, for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	cum	-	-	0.00	106.15	2239.41	237713.00	237713.00	As per actual requirement at site.
TOTAL						3276894.00			4446191.00	1169297.00	

Add cost Index @ 5.37%

175969.00

Add Contingencies 5%

222310.00

Total

3452863.00

Total

4668501.00

Add Contingencies @5%

172643.00

Add Labour Cess @ 1%

46685.00

Total

3625506.00

Total

4715186.00

Add Labour Cess @ 1%

36255.00

Say Rs. 47,15,186/-

Total

3661761.00

Add VAT@ 4%

146470.00

Ristrict to actual expenditure on this work for Rs. 45,89,489/-

Total

3808231.00

Say

3808231.00

ASSISTANT ENGINEER (P)

EXECUTIVE ENGINEER
KARNAL CENTRAL DIVISION
CPWD, KARNAL

Justification for Deviation in Amount

Name of works:- Recarpetting of road from main approach road to Guest House and around Guest House, Apollo canteen to NIT gate via Mega Hostel, Hostel No. 7, 8 and Apollo canteen Chowk to Y shape road via open Air theatre at NIT, Kurukshetra.

A/A & C/S Amount :- Rs. 38.08/- Lacs

Final Expenditure :- Rs. 45,89,489.00.

Reason for Deviation :-

The estimate was framed just prior to President Visit. During the execution of the work it was required to widen some stretch of road. So items like wet mix macadam, granular sub base which were not originally in the scope of work were executed. Also bituminous macadam quantity exceeded the agreement quantity.

Because of the above reason the work cost increased the estimated amount.


AE


F. R. / (Sd)
C. R. /

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

संख्या- 20(142)/यो.शा./क.के.मं/2016/

दिनांक 4/2/16

सेवा में,

The Dean,
NIT, Kurukshetra

PIE (E&C)

Aug 05.02.2016

RECC

9/11/16

WR

Supdt/SA

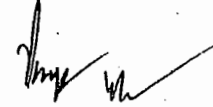
10/11/16

विषय : Recarpetting of roads from NIT Gate (toward KUK Gate) to Apollo Canteen Chowk via NIT Chowk at NIT Kurukshetra.

उपरोक्त कार्य का संशोधित प्राक्कलन जिसकी लागत 28,04,818/- रुपये है।

आपके कार्यालय से संशोधित 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।

संलग्न: प्राक्कलन



कार्यपालक अभियन्ता
करनाल केन्द्रीय मण्डल,
के.लो.नि.वि., करनाल।

प्रतिलिपि:

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

कार्यपालक अभियन्ता

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

Haryana

DIVISION: KCD

BRANCH: B & R

Est. No. :/EE/KCD/2016-17

Name of works:- Recarpetting of roads from NIT Gate (toward KUK Gate) to Apollo Canteen Chowk via NIT Chowk at NIT Kurukshetra.

Major Head	Minor Head	Detailed Head
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This Revised Estimate framed by Er. Charanjit Pasrija, Executive Engineer, Karnal Central Division, CPWD, Karnal of the probable cost of Civil work Rs. 28,04,,818/- i/c 5% contingencies & 1% Labour cess.

REPORT

History: This Revised Estimate amounting to Rs. 28,04,,818/- i/c 5% contingencies & 1% Labour cess has been framed to cover the probable cost of the above mentioned work for accord of revised A/A & E/S by the competent authority. The original A/A & E/S received from client department vide letter No. CC/57/921 Dated 15.02.2013 for Rs. 24.88/- Lacs. This revision is required due to some addition work has been executed as mention in revised preliminary estimate. As the final expenditure of the work exceeds more than 10 % of the original A/A & E/S amount. Hence this Revised estimate.

Design & Scope:

The Following provision has been made in this estimate:

1. Providing and applying tack coat
2. 4 cm thick bitumastic sheet with hot bitumen of approved quality using stone chippings

Specification: The work carried out as per CPWD Specification 2009
Vol. I to II with up to date correction slips

Rate: Based on DSR 2012.

Cost: Rs. 28,04,,818/- i/c 5% contingencies & 1% Labour cess

T&P: No T & P is required.

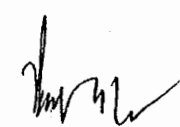
Land: Available

W.C. Estt.: Met out of 5% contingencies.

Method: Through contract after call of tender.

Time: 02.07.2016 to 01.08.2016 work completed.


Assistant Engineer (P)


Executive Engineer
Karnal Central Division
CPWD, Karnal.

Name of Work: Recarpetting of roads from NIT Gate (toward KUK Gate) to Apollo Canteen Chowk via NIT Chowk at NIT Kurukshetra.

S. No	Item Code	Description of Items	Unit	Original Estimate			Revised Estimate			Difference	Explanations
				Qty	Rate	Amount	Qty	Rate	Amount		
1	16	ROAD WORK			DSR-2012			19250.00			
1.1	16.3	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:									Road area increased as per actual requirement at site.
1.1.1	16.30.2	On bituminous surface @ 0.50 Kg / sqm.	sqm	5620.00	29.00	162980.00	6435.71	31.44	202339.00	39359.00	
1.2	16.39	4 cm thick bitumastic sheet with hot bitumen of approved quality using stone chippings (60% 12.5mm nominal size and 40% 10mm nominal size) @ 2.60cum per 100 sqm and coarse sand at 2.60cum per 100 sqm of road surface and with bitumen @ 56 kg/cum. of stone chippings and at 128 kg/cum of sand over a tack coat with hot straight run bitumen including consolidation with road roller of 8 to 10 tonne etc. complete. (tack coat to be paid separately) :									Road area increased as per actual requirement at site.
1.2.1	16.39.1	With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of	sqm	5620.00	346.85	1949297.00	6435.71	375.99	2419763.00	470466.00	
1.3	16.48	Painting road surface marking with adequate no. 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.									Area measured in widening of road work.
1.3.1	16.48.1	New work (Two or more coats).	sqm	300.00	95.75	28725.00	-	-	0.00	-28725.00	
1.4	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.									As per actual requirement at site.
1.4.1	15.2.2	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	cum	-	-	0.00	23.99	400.00	9596.00	9596.00	
1.5	15.77	Scarifying the existing bituminous road surface to a depth of 50mm and disposal of scarified material within all lifts and lead upto 1000 metre (by mechanical means).	sqm	-	-	0.00	6211.73	3.32	20623.00	20623.00	do
1.6	11.20	Chaquered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).									do
1.6.1	11.20.1	Light shade using white cement.	sqm	-	-	0.00	41.57	1307.60	54357.00	54357.00	
		TOTAL				2141002.00			2706678.00	565676.00	

Add cost Index @ 5.37%

114972.00

Add Contingencies 5%

135334.00

Total

2255974.00

Total

2842012.00

Add Contingencies @5%

112799.00

Add Labour Cess @ 1%

28420.00

Total

2368773.00

Total

2870432.00

Add Labour Cess @ 1%

23688.00

Say Rs. 28,70,400/-

Total

2392461.00

Add VAT @ 4%

95698.00

Restrict to actual expenditure on this work for Rs. 28,04,818/-

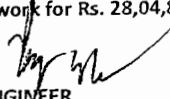
Total

2488159.00

Say

2488159.00


 ASSISTANT ENGINEER (P)


 EXECUTIVE ENGINEER
 KARNAL CENTRAL DIVISION
 CPWD, KARNAL

Justification for Deviation in Amount

Name of works:- Recarpetting of roads from NIT Gate (toward KUK Gate) to Apollo Canteen Chowk via NIT Chowk at NIT Kurukshetra.

A/A & E/S Amount :- Rs. 24.08/- Lacs

Final Expenditure :- Rs. 28,04,018.00.

Reason for Deviation :-

1. ~~The estimate was framed just prior to President Visit. The area of recarpeting during the execution of work increased~~ which resulted in increase in cost of work. As tack coat and carpeting area increased from 5620 Sqm to 5435.00 Sqm.
2. ~~Also Chequered precast cement concrete~~ tiles provided along the road which resulted in increase of cost.
3. ~~Dismantling of breakers and road scarifying items were not in agreement~~ which resulted in cost increase.

Because of the above reason the cost of the work increase.

A.S.
ME

V.
Eh / kes
Cid 1/19

The action taken report on most of the decisions could not be presented as approval is pending from FC and BOC of the Institute. Members were informed that the same would be presented in next meeting of B&WC.

- 17.3 To consider & approve the Revised Cost Estimate for construction of Boundary wall (left out stretched) for a length of about 800 meter and gate (near UHBVN office) at NIT, Kurukshetra.

The Building & Works Committee considered and approved the revised cost estimate submitted by CPWD for the work for an amount of Rs. 84,270 lacs. It was decided that CPWD will submit justification for the revision in estimate and change in design, and the same has been attached as Annexure-I.

- 17.4 To consider & approve the Revised Cost Estimate for replacement of C.I./A.C. water supply lines with centrifugally Cast (Spun) Iron Pipes Class L.A. in the Residences, Hostels & Instructional Building at NIT, Kurukshetra.

The Building & Works Committee considered and approved the revised cost estimate for the work for an amount of Rs. 222.05 lacs. It was decided that proper provision for future expansion should be made in the design so as to ensure adequate pressure head in distribution system. In order to avoid misuse and wastage of water, provision of metering system in the Institute should also be made. A detailed plan of the water supply distribution system should also be submitted by CPWD.

- ~~17.5 To rectify action taken by Chairman B&WC to accord AIA & EIS for providing 40mm thick premix carpeting on various roads at NIT, Kurukshetra.~~

The Building & Works Committee considered and approved the action taken by Chairman B&WC to accord AIA & EIS for providing 40mm thick premix carpeting on various roads at NIT, Kurukshetra in view of the visit of His Excellency, the President of India to the Institute.

- 17.6 To consider & approve the Cost Estimate for provision of permanent and temporary huts for security guards at various locations in the Institute.

The Building & Works Committee considered the issue and decided that the work be assigned to the CPWD. Further CPWD be requested to provide design along with cost estimate for the provision of permanent and temporary huts including facility for electricity supply, telephone and drinking water for security guards. In order to avoid any further delay in work, it was decided that Chairman B&WC be authorized to approve any increase in cost estimate due to additional provisions.

No. CC/CPWD/57/921

Dated: 15-02-2013

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

Subject: - Administrative approval & Expenditure sanction for Recarpetting on various roads at NIT, Kurukshetra.

Reference: MoU dated 20.12.2012 & approval of the Hon'ble Director on dated. 15-02-2013.

Kindly refer to your letter no. 20(142)KKM/2013/223 dated 28.01.2013. The administrative approval and expenditure sanction is hereby conveyed for the execution of recarpetting on various roads with the estimated amount as under:

Sr. No.	Name of Work	Amount REC (Rs. In Lacs)
1	Recarpetting of roads from NIT, Gate (loward KUK Gate) to Apollo Canteen Chowk via NIT, Chowk at NIT, Kurukshetra.	Rs. 24.88 (Rs. Twenty Four Lacs and Eighty Eight thousand only).
2	Recarpetting of road from main approach road to Guest House and around guest house Roads at NIT, Kurukshetra.	Rs. 15.44 (Rs. Fifteen Lacs and Fourty Four Thousand only)
3	Recarpetting of road from Apollo Canteen to NIT Gate via Mega Hostel and Hostel No. 7, 8 at NIT, Kurukshetra.	Rs. 17.91 (Rs. Seventeen Lacs and Ninety One Thousand only)
4	Recarpetting of road from Apollo Canteen Chowk to Y shape road via open Air Theatre at NIT, Kurukshetra.	Rs. 4.73 (Rs. Four Lacs and Seventy Three Thousand only)

The above 4 Nos. works are of emergent nature and are to be completed before the visit of His excellency the President of India on 09.04.2013.

[Signature]
15/2/13
Dean (Estate)
For Director

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)
9. DR (Acs)
10. Executive Engineer, Construction Cell
11. A.E. (Civil)
12. J.E. (Elect.)
13. J.E. (Civil)

Op. No. 126
21/8/13

प्रदत्त पत्र

संख्या: एन(नि.)/क.सं.सं/2013/20

दिनांक 19/3

प्रति,

M/s. Vinod Kumar,
157, Prem Nagar,
Karnal

विषय: Recarpetting of road from main approach road to Guest House and around guest house, Apollo Canton to NIT Gate via Mega Hostel, hostel No. 7,3 and Apollo Canton Chowk to Y shape road via open Air Theatre at IIT, Kurukshetra.

संदर्भ: इस कार्यालय के पत्र संख्या 54(NI)/क.सं.सं/617 दिनांक 4.3.2013 एवं आगम्य पत्र संख्या 'शुद्ध' दिनांक 14.3.2013.

महोदय,

Your percentage rate tender for the above mentioned work has been accepted on behalf of the President of India at your tendered amount of ₹ 35,52,133/- (₹ Thirty Five Lacs Fifty Two Thousand One Hundred & Fifty Three Only) which works out to 8.40% (Eight Decimal Four Zero Percent only) above the estimated cost of ₹ 32,76,894/- (₹ Thirty Two Lacs Seventy Six Thousand Eight Hundred & Ninty Four only).

You are requested to attend this office to complete the formal agreement within seven days from the date of issue of this letter.

You are also requested to contact the Assistant Engineer, Kurukshetra Central Sub-Division, CPWD, Kurukshetra for taking possession of site and starting the work at once. Please note that the time allowed for carrying out the work as entered in the tender is One month, shall be reckoned from 14.3.2013.

भवदीय,

कार्यालय अभियंता
करकशेट्टा केन्द्रीय मंडल
जे.एच.ए.ए. वि. मण्डल

प्रतिनिधि -

1. जे.ए.ए. मंडल
2. कार्यालय अभियंता, कारकशेट्टा केन्द्रीय मण्डल, जे.ए.ए. वि. मण्डल का मुख्यालय परिसर
3. निरीक्षक, एन.ए.ए.डी, करकशेट्टा
4. आगम्य अभियंता, आगम्य कार्यालय, करकशेट्टा
5. निरीक्षक अभियंता (अ.म.), जे.ए.ए. वि. मण्डल, एन.ए.ए.डी, करकशेट्टा
6. आगम्य अभियंता, करकशेट्टा, जे.ए.ए. वि. मण्डल, एन.ए.ए.डी, करकशेट्टा
7. कार्यालय अभियंता (अ.म.)/करकशेट्टा केन्द्रीय मण्डल, करकशेट्टा, जे.ए.ए. वि. मण्डल, एन.ए.ए.डी, करकशेट्टा
8. आगम्य अभियंता (अ.म.), करकशेट्टा, जे.ए.ए. वि. मण्डल, एन.ए.ए.डी, करकशेट्टा

4/10/13
आगम्य अभियंता

केन्द्रीय लोक निर्माण विभाग
44, सुभाष मार्ग, कोलकाता
करनाल केन्द्रीय मंडल, करनाल

पंजीकृत कारी (2)

DY, No 126
21/3/13

प्रदक पत्र

संख्या : 54(NIT)/ए के ए/2013/3

दिनांक 1/3

सोता में

M/s. Vinod Kumar,
157, Prema Nagar,
Karnal

विषय : Recarpetting of roads from NIT Gate (toward KUK Gate) to Apollo Canteen Chowk via NIT Chowk at NIT, Kurukshetra.

संदर्भ : इस कार्यालय के पत्र संख्या 54(NIT)/क.के.म/61 दिनांक 4.3.2013 एवं अगस्त पत्र संख्या 'शुद्ध' दिनांक 14.3.2013.

महोदय,

Your percentage rate tender for the above mentioned work has been accepted on behalf of the President of India at your tendered amount of ₹ 23,20,846/- (₹ Twenty Three Lacs Twenty Thousand Eight Hundred & Forty Six Only) which works out to 8.40% (Eight Decimals Four Zero Percent only) above the estimated cost of ₹ 21,41,002/- (₹ Twenty One Lacs Forty One Thousand & Two only).

You are requested to attend this office to complete the formal agreement within seven days from the date of issue of this letter.

You are also requested to contact the Assistant Engineer, Kurukshetra Central San- Division, CPWD, Kurukshetra for taking possession of site and starting the work at once. Please note that the time allowed for carrying out the work as entered in the tender is One month, shall be reckoned from 14.3.2013.

आभेदीय,

कार्यपालक अभियंता
करनाल केन्द्रीय मंडल
के.ए.ओ.वि.वि.करनाल

प्रतिलिपि :-

1. मूल चयन।
2. अधीक्षण अभियंता, चण्डीगढ़ केन्द्रीय प्रतिभाग, के.ए.ओ.वि.वि. करनाल एवं सूचनायंत्र विभाग।
3. निदेशक, एम.आर्.डी.पी, गुरुक्षेत्र।
4. आयुक्त अभियंता, आयुक्त कार्यालय, गुरुक्षेत्र।
5. सचिव नाम अधिकारी (उ.अ.), के.ए.ओ.वि.वि, केन्द्रीय मंडल, चण्डीगढ़।
6. सहायक अभियंता, गुरुक्षेत्र, केन्द्रीय उप-मंडल, गुरुक्षेत्र।
- 7-8. सहायक अभियंता(वि.)/कार्यालय अभियंता, केन्द्रीय मंडल, करनाल।
9. सहायक अभियंता (केन्द्रीय), बनेदी 2, 32, के.ए.ओ.वि.वि, करनाल।

कार्यपालक अभियंता

Item No.21.7 To consider and approve the Revised Cost estimate for widening of Institute road from Kirmich road gate to Hostel No. 4 (approx. length of 400 meters) at NIT, Kurukshetra.

The work for widening of Institute road from Kirmich road gate to Hostel No. 4 (approx. length of 400 meters) at NIT, Kurukshetra was approved by B&WC in its 15th meeting held on 19.12.2011 vide item no. 15.16 & subsequently approved by FC & BOG. The work was allotted to contractor by CPWD vide letter no. 54(NIT)KCD/2013/398 dated 16.02.2013. The A/A & E/S of this work was conveyed to Executive Engineer (Civil), CPWD, Karnal for the execution vide letter No. CC/23/100 dated 7/8.01.2013 for an amount of Rs. 39,00,000/-. The work had been completed on 12.4.2013 on the occasion of 10th Golden Jubilee Convocation of the Institute. The final expenditure received from the Executive Engineer (Civil) CPWD, Karnal vide letter no. 20(142)/PS/KCD/2016/465 dated 04.02.2016 CPWD for an amount of Rs. 46,76,720/-. The cost estimate increased due to the following reasons as submitted by CPWD.

1. The widening area was not clearly known. During the execution of the work widening area increased resulting in the increase of quantities of granular sub-base, wet mix macadam, bituminous macadam and carpeting area which led to increase in cost.
2. Drainage arrangement provided along one side of road with NP-2 Pipe and chambers which was not in the scope of work.
3. Kerb channel provided along the road sides which was not in the scope of work.

The revised cost estimate for widening of Institute road from Kirmich road gate to Hostel No. 4 (approx. length of 400 meters) was placed before the Estate Affair Committee in its meeting held on 16.2.2016. The same was approved by the competent authority.

It is therefore, requested that the B & WC may consider and accord approval for amounting to Rs. 46,76,720/- for widening of Institute road from Kirmich road gate to Hostel No. 4 (approx. length of 400 meters).

EAC-9

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

संख्या-20(142)/यो.शा.क.क.म/2016/465

दिनांक...

सेवा में,

The Dean,
NIT, Kurukshetra

विषय : Widening of Institute road from kirmich road gate to Hostel No. 4
(Approx. length of 400 metre) at NIT, Kurukshetra.

उपरोक्त कार्य का संशोधित प्राक्कलन जिसकी लागत ~~46,76,720/-~~ रुपये है।
आपके कार्यालय से संशोधित 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।

संलग्न: प्राक्कलन

कार्यपालक अभियन्ता
करनाल केन्द्रीय मण्डल,
के.लो.नि.वि., करनाल।

प्रतिलिपि:

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

कार्यपालक अभियन्ता

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

Haryana

DIVISION: KCD

BRANCH: B & R

Est. No. :/EE/KCD/2016-17

Name of works:- Widening of Institute road from kirmich road gate to Hostel No. 4 (Approx. length of 400 metre) at NIT, Kurukshetra.

Major Head	Minor Head	Detailed Head
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This Revised Estimate framed by Er. Charanjit Pasrija, Executive Engineer, Karnal Central Division, CPWD, Karnal of the probable cost of Civil work Rs. 46,76,720/- i/c 5% contingencies & 1% Labour cess.

REPORT

History: This Revised Estimate amounting to Rs. 46,76,720/- i/c 5% contingencies & 1% Labour cess has been framed to cover the probable cost of the above mentioned work for accord of revised A/A & E/S by the competent authority. The original A/A & E/S received from client department vide letter No. CC/23/10 Dated 07/08.01.2013 for Rs. 39.00/- Lacs. This revision is required due to some addition work has been executed as mention in revised preliminary estimate. As the final expenditure of the work exceeds more than 10 % of the original A/A & E/S amount. Hence this Revised estimate.

Design & Scope:

The Following provision has been made in this estimate:

1. Providing and laying in position cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)
2. Providing and fixing at or near ground level precast cement concrete in kerbs, edgings etc 1:2:4
2. Preparation and consolidation of sub grade
3. 4 cm thick bitumastic sheet with hot bitumen of approved quality using stone chippings
4. Providing and applying 2.5mm thick road marking strips
5. Construction of granular sub-base by providing close graded Material conforming to specifications
6. Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM)
7. Providing and laying bituminous macadam
8. Providing and fixing at or near ground level factory made kerb channel

Specification: The work carried out as per CPWD Specification 2009 Vol. I to II with up to date correction slips

Rate: Based on DSR 2012.

Cost: Rs. 46,76,720/- i/c 5% contingencies & 1% Labour cess

T&P: No T & P is required.

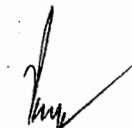
Land: Available

W.C. Estt.: Met out of 5% contingencies.

Method: Through contract after call of tender.

Time: Work Completed.


Assistant Engineer (P)


Executive Engineer
Karnal Central Division
CPWD, Karnal.

State :Haryana

Bræich : Yàrnal

DIV. : Karnal Central Divisi

Sub-Div. : Kurukshetra Central Sub Divisi

Name of Work: Widening of Institute road from kirmich road gate to Hostel No. 4 (Approx. length of 400 metre) at NIT, Kurukshetra.

[illegible]

[illegible]

15.1	15.2.1	Normal concrete 1:3:6 (if required design mix)	m	-	-	0.00	22	2.45	235.00	585.00	
	15.77	Scarifying the existing bituminous road surface to a depth of 50mm and disposal of scarified material within all lifts and lead upto 1000 metre (by mechanical means).	Sqm	-	-	0.00	1349.47	2.85	3846.00	3846.00	do
15.16	15.8	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 :									do
15.1	19.5.4	300 mm dia. R.C.C. pipe	mtr	-	-	0.00	153.30	410.05	62861.00	62861.00	
15.17	19.27	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design :									do
15.17.1	19.27.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	-	-	0.00	7.00	3532.70	24729.00	24729.00	
15.18	NS	Disposal of surplus excavated earth by mechanical transport beyond a lead of 50 mtr but upto a lead of 0.500km as per direction of Engineer in charge.	mtr	-	-	0.00	406.62	56.70	23055.00	23055.00	do
15.19	16.67	Providing and fixing at or near ground level factory made kerb channel of M-30 grade of size 300x300x50mm, including setting in position in footpath to the required level and line over a bed of 20mm average thick cement mortar 1:5 (1 cement : 5 coarse sand), having joint thickness not more than 5mm except on curve, including filling of joints with same cement mortar and making grooves etc. complete as per direction of Engineer-in-charge.	Sqm	-	-	0.00	367.27	585.55	215055.00	215055.00	do
15.2	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:									do
15.2.1	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	-	-	0.00	8.44	3621.67	30567.00	30567.00	
		TOTAL				3501489.00			4527399.00	1025910.00	

Add cost Index @ 4.70%

164570.00

Add Contingencies 5%

226370.00

Total

3666059.00

Total

4753769.00

Add Contingencies @5%

183303.00

Add Labour Cess @ 1%

47538.00

Total

3849362.00

Total

4801307.00

Add Labour Cess @ 1%

38494.00

Say Rs.

48,01,300/-

Total

3887856.00

Say

3887856.00

Ristrict to actual expenditure on this work for Rs.

46,76,720/-

ASSISTANT ENGINEER (P)

EXECUTIVE ENGINEER
KARNAL CENTRAL DIVISION
CPWD, KARNAL

Justification for Deviation in Amount

Name of works:- Widening of Institute road from kirmich road gate to Hostel No. 4 (Approx. length of 400 metre) at NIT, Kurukshetra.

A/A & E/S Amount :- Rs. 39.00/- Lacs

Final Expenditure :- Rs. ~~45.04~~ 405.00. ⁴

Reason for Deviation :-

1. The estimate was framed just prior to President Visit. The widening area was not clearly known. During the execution of the work widening area increased resulting in the increase of quantities of granular sub-base, wet mix macadam, bituminous macadam and carpeting area which led to increase in cost.
2. Drainage arrangement provided along one side of road with NP-2 Pipe and chambers which was not in the scope of work.
3. Kerb channel provided along the road sides which was not in the scope of work.

All these reasons lead to increase in the cost of the work.

AD
AK

Vijay
Bh/Ked
CRM

The Building & Works Committee approved the Rough cost estimate providing permanent fencing along the lawns & gardens in the academic blocks of the Institute with revolving entry gates including CC pathways at the cost of Rs. 66.00 lacs on DSR basis (Annexure -5).

- 15.16 To consider & approve the Rough Cost Estimate for widening of Institute Road from Kirmich Road Gate to Hostel No. 4 (approx. length of 400 mtr.) at NIT, Kurukshetra.

The Building & Works Committee advised to adopt DSR for revised cost estimate instead of HSR.

The Building & Works Committee approved the Rough Cost Estimate for widening of Institute Road from Kirmich Road Gate to Hostel No. 4 (approx. length of 400 mtr.) at the cost of Rs. 39.00 lacs on DSR basis (Annexure - 6).

- 15.17 To consider & approve the Rough Cost Estimate for Providing & Installation of 16/20 meter High Mast lights at Sports Ground and various other location at NIT, Kurukshetra.

The Building & Works Committee approved the Rough Cost Estimate for Providing & Installation of 16/20 meter High Mast lights at Sports Ground and various other location at NIT, Kurukshetra at the cost of Rs. 40.95 lacs.

- 15.18 To consider & approve the Rough Cost Estimate for Renovation of Labs in Electrical, Mechanical and Civil Engineering Departments (Under TEQIP-II) of NIT, Kurukshetra.

The Building & Works Committee advised to adopt DSR for revised cost estimate instead of HSR.

The Building & Works Committee approved the Rough Cost Estimate of Rs. 37.50 lacs on DSR basis for Renovation of Labs in Electrical, Mechanical and Civil Engineering Departments (Under TEQIP-II) (Annexure -7).

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA -136 119

No. CCI/ 23/100

Dated: 07/01/2013
08

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

Subject:- Administrative approval & Expenditure sanction for the Widening of Institute Road from Kirmich Road Gate to Hostel No.4 (approx. length of 400 mtr.) at NITK.

Reference: MoU dated 20.12.2012 & approval of the Hon'ble Director on dated. 04-01-2013.

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	Amount REC (Rs. In Lacs)
1	Widening of Institute Road from Kirmich Road Gate to Hostel No.4 (approx. length of 400 mtr.) at NITK.	Rs. 39.00 (Rs. Thirty Nine Lacs Only)

2
Dean (Estate)
For Director
7/1/13
7/1/13
7/1/13

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)
9. DR (Acs)
10. Executive Engineer, Construction Cell
11. A.E. (Civil)
12. J.E. (Elect.)
13. J.E. (Civil)

Recd
7/1/13

12/12/1971

1. The above mentioned work has been accepted on behalf of the President of India at your tendered amount of Rs. 38,23,626/- (Thirty Eight Lacs Twenty Three Thousand Six Hundred & Twenty Six Only) which works out to Rs. 9.20% (Nine and Two Percent only) above the estimated cost of Rs. 41,43,947/- (Forty One Lacs One Thousand Four Hundred & Thirty Nine Only) (see page 2 of the letter).

You are requested to attend this office to complete the formal agreement within seven days from the date of issue of this letter.

You are also requested to contact the Assistant Engineer, Kurukshetra Division (PWD), Kurukshetra for taking possession of site and starting the work at once. Please note that the time allowed for carrying out the work as entered in the tender is three months, should be completed from 12.12.71.

You are requested to attend this office to complete the formal agreement within seven days from the date of issue of this letter.

Ms. Vinod Kumar,
121, Poon Nagar,
Kurukshetra

Widening of insulate road from Kurukshetra road gate to Hospital No. 4 (Approx. length of 400 metres) at NIT, Kurukshetra

For reference of the above mentioned work has been accepted on behalf of the President of India at your tendered amount of Rs. 38,23,626/- (Thirty Eight Lacs Twenty Three Thousand Six Hundred & Twenty Six Only) which works out to Rs. 9.20% (Nine and Two Percent only) above the estimated cost of Rs. 41,43,947/- (Forty One Lacs One Thousand Four Hundred & Thirty Nine Only) (see page 2 of the letter).

12/12/1971

12/12/1971

The work for the provision for two nos. Institute Main Gate at – NIT, Kurukshetra was approved by B&WC in its 15th meeting held on 19.12.2011 vide item no. 15.7 & subsequently approved by FC & BOG. The work was allotted to CPWD vide this office letter no.CC/14/91 dated 07/08.01.2013 for an amount of Rs. 82.99 lacs and the work has been completed. The revised cost estimate submitted by Superintending Engineer (Civil), CPWD, Chandigarh for an amount of Rs. 1,72,74,000/- was received vide letter no. CCC/23(4515)NIT-3/2550 dated 21.08.2015. The revision is required due to change in architectural drawings as approved by NIT authority and execution of major additional work as desired by the client department as a justification submitted by the Executive Engineer (Civil), CPWD, Karnal vide letter no. 20(NIT)KCD/2016/317 dated 22.01.2016. Further, the Executive Engineer (Civil), CPWD, Karnal vide letter No. 20(NIT)/PS/KCD/2016/482 dated 04.02.2016 in which submitted the following justification in increase in revised cost estimate.

1. Extra work for approach roads on both gates.
2. The quantity increased in stainless steel alphabets and emblem of institute on both gates
3. Extra work of Aluminium composite panel on all sides of steel truss.
4. Extra work for construction boundary wall with granite on main gate entrance.
5. Extra work for construction Islands for landscaping at main gate inside and outside portion.
6. Extra work of pathway design in front and rear of main gate and University side gate.
7. Extra work for white marble stone under the name and emblem of Institute.
8. Due to structural design by NIT, Kurukshetra. The quantity deviated in RCC, centring shuttering, reinforcement and extra item of M.S. tubular truss. (copy enclosed)

The revised cost estimate for the provision of two nos. Institute Main Gate at – NIT, Kurukshetra submitted by CPWD was placed before the Estate Affair Committee in its meeting held on 05.01.2016. The same was approved by the competent authority.

It is therefore, requested that the B & WC may consider and accord approval for amounting to Rs. 1,72,74,000/-for the provision of two nos. Institute Main Gate at – NIT, Kurukshetra.

भारत सरकार
केन्द्रीय लोक निर्माण विभाग
चण्डीगढ़ केन्द्रीय परिमंडल
केन्द्रीय सदन सेक्टर-9-ए, चण्डीगढ़

संख्या : च.के.परि./23(4515/नि.3/2550

दिनांक: 21/8/15

सेवा में,

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

विषय :- Provision for University gate and kirmich road main gate at NIT,
Kurukshetra.

महोदय,

उपरोक्त कार्य का संशोधित प्रारम्भिक अनुमान रुपये 1,72,74,000/- राशि का दो प्रतियों में आपके कार्यलय को भेजा को A/A & E/S जारी करने हेतु प्रेषित की जाती है। कार्य की आवश्यकता का उल्लेख अनुमान में कर दिया गया है। अतः आपसे अनुरोध है कि उपरोक्त कार्य के लिये मांगी गई A/A & E/S यथाशीघ्र जारी करने कष्ट करें।

संलग्न: अनुमान (दो प्रतियां)

भवदीय

अधीक्षण अभियंता

प्रतिलिपि:-

1. मुख्य अभियंता (उ.अं.-1), के.लो.नि.वि., चण्डीगढ़।
2. अधीक्षण अभियंता (वैद्युत), चण्डीगढ़ केन्द्रीय वैद्युत परिमण्डल, के.लो.नि.वि., चण्डीगढ़।
3. कार्यपालक अभियंता, करनाल केन्द्रीय मण्डल, के.लो.नि.वि., करनाल को अनुमान की एक प्रति सहित। संलग्न: अनुमान।
4. कार्यपालक अभियंता (वैद्युत), करनाल केन्द्रीय वैद्युत मण्डल, के.लो.नि.वि., करनाल को अनुमान की एक प्रति सहित। संलग्न: अनुमान। *Technical provisions added as per telephonic conversation with you on 21.08.2015.*

अधीक्षण अभियंता

25/8/15
Dean (Estate)
Prof/F/L (ERC) / Prof/F/L (E/M)
AE/CW
JEC
28/8/15
-80-

N.I.T. KURUKSHETRA
235
26/8/15
626

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

State: Haryana
BRANCH: B & R

DIVISION: KCD

Name of works: Provision for University gate and kirmich road main gate at NIT,
Kurukshetra.

Major Head	Minor Head	Detailed Head
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This Revised preliminary cum detailed estimate framed by Er. Varun Kumar, Executive Engineer, Karnal Central Division, CPWD, Karnal and further processed by Er. R.K. Gandhi, Executive Engineer (P), Chandigarh Central Circle, CPWD, Chandigarh of the probable cost of Rs. 1,72,74,000/- i/c 3% contingencies.

REPORT

History: This Revised preliminary cum detailed estimate amounting to Rs. 1,72,74,000/- i/c 3% contingencies has been framed to cover up the probable cost of the above mentioned work for accord of revised A/A & E/S by the competent authority. The original A/A & E/S amounting to Rs. 82.99 lacs for the said work was received from the client department vide their letter No. CC/14 Dated 07.01.2013. The revision is required due to change in drawings and execution of major additional work as desired by client department. Hence the necessity of the revised estimate.

Design & Scope: Following provisions have been made in this estimate:

1. RCC work 1:1 5:3 in columns, beams, roofs etc
2. Reinforcement for RCC work.
3. Brick work with common burnt clay FPS bricks in foundations & Superstructure.
4. Providing & fixing stainless steel doors, windows, gates, steel letters etc.
5. Exterior wall cladding with high pressure compact laminates.
6. Providing & fixing vitrified floor tiles.
7. Providing Electrical Installations.

Specification: The work shall be carried out as per CPWD Specification 2009 Vol. I to II with upto date correction slips.

Rate: Based on DSR 2012.

Cost: Rs. 1,72,74,000/- i/c 3% contingencies

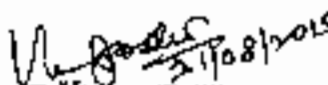
W.C. Estt.: Shall be met out of 3% contingencies.

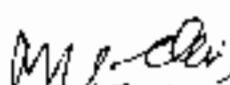
T&P: No T & P is required.

Land: Available

Method: By contract after call of tenders.

Time allowed: 3 Months for execution of work.


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


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



REVISED ESTIMATE

Name of work: Provision for University gate and kirmich road main gate at NIT, Kurukshetra.

Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
	EARTH WORK									
1	Earth work in excavation by mechanical means (Hydraulic Excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.									Due to change in scope of work.
1.1	All kinds of soil.	-	-	-	-	317.57	Cum	157.00	49858.00	
2.1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width, as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift upto 1.5 m, disposed soil to be levelled and neatly dressed :									
2.1.1	All kinds of soil	600	100sqm	2,073.60	12442.00	-	-	-	-	
2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.									
2.8.1	All kinds of soil.	54	cum	103.40	5584.00	-	-	-	-	
2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	20	cum	45.70	914.00	-	-	-	-	
	CONCRETE WORK									
4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :									----do----
4.1.10	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	98	cum	2,237.75	219300.00	56.90	Cum	4004.00	227828.00	
4.10	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size).	4.5	sqm	144.15	649.00	-	-	-	-	
4.13	Applying a coat of residual petroleum bitumen of penetration 80/100 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	4.5	sqm	58.60	264.00	17.03	Sqm	132.00	2248.00	---do---
4.17	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6graded stone aggregate 20mm nominal size) over 75mm bed by dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth	19	sqm	222.65	4230.00	-	-	-	-	
	REINFORCED CEMENT CONCRETE									
5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :									----do----
5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	20	cum	3,732.00	74640.00	19.70	Cum	6230.20	122735.00	
5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement :									

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Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
8.2.2	Granite of any colour and shade									
8.2.2.2	Area of slab over 0.50 sqm.	76	sqm	2,575.10	195708.00	3.43	Sqm	3907.40	13402.00	
8.3	Extra for providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.									As per Architectural Drawings.
8.3.2	Granite work.	76	metre	97.60	7418.00	498.97	Mtr	230.55	115038.00	
8.7	Providing and fixing cramps of required size & shape in RCC/ CC backing with cement mortar 1:2 (1 cement :2 coarse sand) including drilling necessary hole in stones and embedding the cramp in the hole (fastener to be paid separately).									
8.7.2	Stainless steel cramps.	390	kg	529.50	206505.00	-	-	-	-	
8.8	Providing and fixing expansion hold fasteners on C.C. /R.C.C. surface backing including drilling necessary holes and the cost of bolt etc complete.									
8.8.1	Wedge expansion type									
8.8.1.2	Fastener with threaded dia 10 mm.	1488	each	18.95	28198.00	-	-	-	-	
8.9	Stone tile (polished) work for wall lining over 12mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and cement slurry @ 3.3 kg/sqm including pointing in white cement complete.									
8.9.1	8mm thick.									
8.9.1.2	Granite of any colour and shade.	134	sqm	1,116.30	149584.00	-	-	-	-	
	WOOD AND P. V. C. WORK									
9.83	Providing and fixing ISI : 3564-having brand logo with ISI embossed on the body, door weight upto 35 kg. and door width upto 700mm, Aluminium die cast body tubular type universal hydraulic door closer with necessary accessories and screws etc. complete.	2	each	610.60	1221.00	-	-	-	-	
9.96	Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :									
9.96.2	250x16 mm	2	each	134.10	268.00	-	-	-	-	
9.100	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :									
9.100.1	125 mm	4	each	48.80	195.00	-	-	-	-	
9.100.3	75 mm	24	each	28.35	680.00	-	-	-	-	
9.101	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.									
9.101.2	Twin rubber stopper	2	each	53.90	108.00	-	-	-	-	
	STEEL WORK									
13.2	Providing and fixing stainless steel (Grade 304) tubular frame/shutter frames for doors, windows, ventilators made of Hollow tubes, channels, plates, hinges including locking arrangements like sliding door bolt, tower bolt etc. complete welding, grinding, buffing, polishing and making curvature (wherever require) and fitting the same with necessary stainless steel, dash fastner, nuts and bolts complete i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size as per direction of Engineer-in-charge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)					169.74	Kg	558.00	94715.00	As per Architectural Drawings.

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Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
14	Providing and fixing stainless steel (Grade 304) work welded in built up section/frame work i/c cutting, hoisting, fixing in position made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete i/c fixing the railing with necessary accessories as per direction of Engineer-in-charge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) :In grating frames, guard bars, ladder, railings, brackets, gates and similar works.	-	-	-	-	4054.02	Kg	558.00	2262143.00	As per Architectural Drawings.
15	Providing and fixing stainless steel letter of (Grade 304) of required size and colour i/c fixing of letter on surface with bolts and nuts with adhesive to fix the letter on surface etc. as per direction of Engineer-In-Charge.	-	-	-	-	-	-	-	-	As per Architectural Drawings and as per requirement of client department.
15.1	i) letter of size 24" size	-	-	-	-	2212.00	inch	81.40	180057.00	----do----
15.2	ii) Logo with eching	-	-	-	-	5760.00	Inch	30.35	174816.00	----do----
10.1	Structural steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	97	kg	42.15	4089.00	-	-	-	-	
NS	Providing and fixing Stainless steel (of grade SS: 304) Gate made of hollow tubes, channels, caps, flats etc. for staircases, passages and other areas etc. including shaping , welding, grinding, buffing, polishing and fixing the same to RCC slab/beams etc. with Stainless steel 100mm long 10mm dia fasteners including providing bend & tees at junctions and necessary shop drawings etc. complete as per directions of Engineer-in-Charge.(For payment purpose only stainless steel components shall only be measured and paid on weight basis)	1140	Kg	551.00	628140.00	-	-	-	-	
NS	Providing and fixing stainless steel alphabet in English & Hindi of required size.	3	L.S	50000	150000.00	-	-	-	-	
	FLOORING									
11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	2	sqm	556.60	1113.00	-	-	-	-	
11.37	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	8	sqm	598.65	4789.00	-	-	-	-	
11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete.	-	-	-	-	-	-	-	-	As per Architectural Drawings.
11.41.2	Size of Tile 600x600 mm	-	-	-	-	25.17	Sqm	1405.95	35388.00	

Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
11.46	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make in all colours & shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.									As per Architectural Drawings.
11.46.2	Size of Tile 600x600 mm	-	-	-	-	44.00	Sqm	1415.40	62278.00	
	ROOFING									
12.15	Painting top of roofs with bitumen of approved quality at 17kg per 10 sqm impregnated with a coat of coarse sand at 60 cu dm per 10sqm including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete :									
12.15.1	With residual type petroleum bitumen of penetration 80/100	8	sqm	63	504.00	-	-	-	-	
12.19	Providing and laying brick tiles of class designation 100 over mummy roofs grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement, over a 12 mm layer of cement mortar 1:3 (1 cement : 3 fine sand) and finished neat :									
12.19.1	With F.P.S. brick tiles	8	sqm	184.35	1475.00	-	-	-	-	
12.21	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10mm and down gauge) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :									
12.21.1	In 75x75mm deep chase	16	metre	67.35	1078.00	-	-	-	-	
12.22	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1mx1mx400micron, finished with 12mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement rounding the edge sand making and finishing the outlet complete.	2	each	108.00	216.00	-	-	-	-	
12.37	Providing and fixing 100mm diameter and 60 cm long rain water spout in cement mortar 1:4 (1 cement : 4 fine sand).									
12.37.1	Stone ware spout	2	each	36.15	72.00	-	-	-	-	
12	Providing and fixing on wall face Unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. (i) Single socketed pipes									As per Architectural Drawings.
12.41.1	75 mm diameter	-	-	-	-	2.24	Mtr	145.70	326.00	
12.42	Providing and fixing on wall face Unplasticised - PVC moulded fittings/ accessories for Unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.									As per Architectural Drawings.
12.42.5	Bend 87.5°									
12.42.5.1	75 mm bend	-	-	-	-	3.00	each	113.25	340.00	
12.42.6	Shoe (Plain)									----do----
12.42.6.1	75 mm Shoe	-	-	-	-	3.00	each	167.85	504.00	

Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
12.53	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture spintone/cosmos / Hexa or equivalent of size 595 x 595 mm in true horizontal level suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38mm made from 0.33 mm thick (minimum) sheet, spaced 1200mm centre to centre, and cross 'T' of size 24x28mm made out of 0.33mm (Minimum) sheet, 1200mm long spaced between main 'T' at 600mm centre to centre to form a grid of 1200x600mm and secondary cross 'T' of length 600mm and size 24 x28mm made of 0.33mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600mm panel to form grid of size 600x600mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450mm centre to centre with 25mm long dry wall screws @									As per Architectural Drawings.
	230mm interval and laying 15mm thick densified edges calicum silicate ceiling tiles of approved texture (Spintone / Cosmos/hexa) in the grid including, cutting/ making opening for services like diffusers, grills,light fittings, fixtures, smoke detectors etc., wherever required, Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6mm fixed to ceiling with 12.5 mm dia and 50mm long dash fasteners, 4mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200mm centre to centre along main 'T' , bottom exposed with 24mm of all T-sections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by engineer-in- charge.					31.48	Sqm	1649.15	51915.00	
	FINISHING									
13.5	15 mm cement plaster on rough side of single or half brick wall of mix :									
13.5.1	1:4 (1 cement: 4 coarse sand)	47	sqm	96.35	4528.00	-	-	-	-	
13.41	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade									
13.41.1	New work (two or more coats) over and including priming coat with cement primer.	38	sqm	41.55	1579.00	-	-	-	-	
13.44	Finishing walls with water proofing cement paint of required shade :									
13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm).	10	sqm	30.80	308.00	-	-	-	-	
	ROAD WORK									
16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction and of approved size and design/ shape laid in required colour and pattern over and including 50mm thick compacted bed of course sand, filling the joints with coarse sand etc. all complete as per the direction of Engineer-in-charge.	80	sqm	346.35	27708.00	-	-	-	-	

Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
16.69	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement in position to the required line, level and curvature jointed with cement mortar 1:3 (1 cement: 3 coarse sand) including making joints with or without grooves (thickness of joints except at sharp curve shall not be more than 5mm) including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	1.1	cum	4,252.70	4678.00	-	-	-	-	
NS	Providing and laying cement concrete of 1:1.1/2:3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20mm nominal size) in pavements having thickness 100mm to 125mm with Tremix system of flooring involving all required operations such as potter/surface vibrations, vacuum dewatering with suction mats with electrical pumps, side guide channels for side shuttering, screed vibrator, power trowelling, room finish to top surface, cutting grooves of sizes as per CPWD specification Vol.V by mechanical cutter for dummy (intermediate) & construction joints and filling with premoulded joint filler and laid to required slope, camber and super elevation and curing by ponding of water. The rates shall be inclusive of all operations machinery T&P electrical charges and labour involved etc. complete as per directions of Engineer-in-charge.	90	Cum	4619.00	415710.00	-	-	-	-	
	ALUMINIUM WORK									
21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately).									
21.1.1	For fixed portion									
21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	176	kg	306	53909.00	-	-	-	-	
21.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required (Fittings shall be paid for separately).									
21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	292	kg	326.60	95367.00	-	-	-	-	
21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item):									
21.3.1	With float glass panes of 4.0 mm thickness	20	sqm	554.95	11099.00	-	-	-	-	
21.3	Providing and fixing glazing in door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge.									As per Architectural Drawings.
21.3.3	With float glass panes of 8 mm thickness.	-	-	-	-	11.81	Sqm	1338.40	15807.00	
21.11	Providing and fixing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with necessary stainless steel screws etc. to the side hung windows as per direction of Engineer-in-charge complete.									
21.11.3	355 X 19 mm	12	each	247.55	2971.00	-	-	-	-	

Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
22	Providing and laying integral cement based treatment for water proofing on the vertical surface by fixing specified stone slab 22 mm to 25mm thick with cement slurry mixed with water proofing compound conforming to IS:2645 in recommended proportions with a gap of 20mm (minimum) between stone slabs and the receiving surfaces and filling the gaps with neat cement slurry mixed with water proofing compound and finishing the exterior of stone slab with cement mortar 1:3 (1 cement : 3 coarse sand) 20mm thick with neat cement punning mixed with water proofing compound in recommended proportion complete at all levels and as directed by Engineer-in-charge :									As per actual requirement at site.
22.2	Using rough Kota stone	-	-	-	-	24.40	Sqm	1243.25	30335.00	
23	Supply and installation of Gentas (G-ext)/Fundermax or equivalent High pressure compact laminates (HPL) or equivalent, decorative panels meeting European norm compliance of CE mark with Electron Beam Curing (EBC) having standard dimensions with thickness of 6mm having high resistance to impact, scratching, fire, water and humidity, it should not decompose and to be resistant to bacteria. HPL to be installed as per the structural requirement and as per the manufacturer's specification and as per direction of Engineer in Charge.					283.64	Sqm	3680.00	1043795.00	As per Architectural Drawings.
E.I-1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.					10663.78	kg	108.15	1153287.81	As per structural drawing issued by client department
E.I-2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.					257.51	cum	110.30	28403.35	As per actual requirement at site.
E.I-3	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 : Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia.					38.00	Mtr.	207.50	7885.00	—do—
E.I-4	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth.					34.11	sqm	419.85	14321.08	Due to change in scope of work.
E.I-5	Brick edging 7cm wide 11.4cm. deep to plinth protection with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 including grouting with cement mortar 1:4 (1 cement : 4 fine sand).					57.78	sqm	686.35	39657.30	As per Architectural Drawings.
E.I-6	Brick edging 7cm wide 11.4cm. deep to plinth protection with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 including grouting with cement mortar 1:4 (1 cement : 4 fine sand).					40.22	Mtr.	39.45	1586.68	As per actual requirement at site.
E.I-7	Providing and fixing 18 mm thick gang saw cut, mirror polished, machine cut (polished and machine cut) of thickness 18 mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the Granite shade (To be secured to the backing by means of cramps, which shall be paid for separately). Area of slab over 0.50 sqm					178.32	sqm	4782.60	852833.23	As per Architectural Drawings.

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Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
E.I-8	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	-	-	-	-	81.81	sqm	951.20	77817.67	As per Architectural Drawings.
E.I-9	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	-	-	-	-	12.77	sqm	172.35	2200.91	---do---
E.I-10	15 mm cement plaster on rough side of single or half brick wall of mix : 1:4 (1 cement: 4 coarse sand)	-	-	-	-	155.57	sqm	200.60	31207.34	---do---
E.I-11	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).	-	-	-	-	333.24	sqm	109.80	36589.75	---do---
E.I-12	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work .Painting on aluminium tube for size 25X25mm for fundermax ties	-	-	-	-	85.25	sqm	74.40	6342.60	---do---
E.I-13	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	-	-	-	-	19.88	cum	885.35	17600.76	---do---
E.I-14	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	-	-	-	-	33.76	cum	1291.65	43606.10	---do---
E.I-15	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm. depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	-	-	-	-	639.52	sqm	80.30	51353.46	As per the requisition of client department.
E.I-16	Supplying and stacking at site. 90 mm to 45 mm size stone aggregate	-	-	-	-	143.20	cum	1463.50	209573.20	---do---
E.I-17	Supplying and stacking at site. 63 mm to 45 mm size stone aggregate	-	-	-	-	63.95	cum	1463.50	93590.83	---do---
E.I-18	Supplying and stacking at site. Stone screening 13.2 mm nominal size (Type A)	-	-	-	-	42.27	cum	1524.50	64440.62	---do---
E.I-19	Supplying and stacking at site : Stone screening 11.2 mm nominal size (Type B)	-	-	-	-	7.52	cum	1524.50	11464.24	---do---
E.I-20	Supplying and stacking at site : Good earth	-	-	-	-	16.50	cum	332.95	5493.68	---do---
E.I-21	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density	-	-	-	-	273.45	cum	419.80	114794.31	---do---
E.I-22	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 : On W.B.M. @ 0.75 Kg / sqm	-	-	-	-	639.52	sqm	59.80	38243.30	---do---
E.I-23	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 : On bituminous surface @ 0.50 Kg	-	-	-	-	554.60	sqm	42.75	23709.15	---do---

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Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
E.I-24	2.5 cm thick bitumastic sheet with hot bitumen of approved quality, using stone chippings (60% with 12.5 mm nominal size and 40% with 10 mm nominal size) @ 1.65 cum per 100 sqm and coarse sand @ 1.65 cum per 100 sqm of road surface and with bitumen @ 56 kg/cum of stone chippings and @ 128 kg/cum of sand over a tack coat with hot straight run bitumen, including consolidation with road roller of 8 to 10 tonne etc. complete. (tack coat to be paid separately) : With paving Asphalt grade VG - 30	-	-	-	-	554.60	sqm	305.60	170040.36	----do----
E.I-25	4 cm thick bitumastic sheet with hot bitumen of approved quality, using stone chippings (60% with 12.5 mm nominal size and 40% with 10 mm nominal size) @ 2.60 cum per 100 sqm and coarse sand @ 2.60 cum per 100 sqm of road surface and with bitumen @ 56 kg/cum of stone chippings and @ 128 kg/cum of sand over a tack coat with hot straight run bitumen, including consolidation with road roller of 8 to 10 tonne etc. complete. (tack coat to be paid separately) : With paving asphalt grade VG - 30 with no solvent	-	-	-	-	677.96	sqm	472.50	320336.10	----do----
E.I-26	Providing and fixing 12mm thick prelaminate particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. (A). Pre-laminated particle board with decorative lamination on both sides.	-	-	-	-	2.79	sqm	1152.40	3215.20	----do----
E.I-27	Providing and installation of aluminium composite panel cladding over a aluminium tube frame structure including fixing of ripple free finish without any undulations. The composite panel sheet shall be a double layersheets and fuilling of joints with structural silicon to acquire a smooth aluminium panel consisting os a anti-toxic polythene layer core compressed between the aluminium layers 0.5mm thk. with a density of min 2.72 kg/sq.cm. One side of the panel shall be a fluorocarbon paint finish with resistance to fading on exposure in exterior conditions and with a protective film on top to be removed after total completion of cladding. The sheet shall be 4 mm thick Exterior grade of total flatness with no distortion or deflection. The sheets shall be corrosion resistant and not be affected by varying temperature variations and should resist thermal expansion. The sheets shall be fixed over aluminium framing system of tubing of size 1" x 2" evenly spaced at maximum 2' c/c to provide complete support to the sheets. The sheets shall be fixed to the framing system with double sided tape and structural sealant duly	-	-	-	-	434.80	sqm	5663.05	2462294.14	As per Architectural Drawings.
	anchored with maximum no. of screws. All groves and finished edges on completion shall be finished and lipped with a uniform 15mm band of weather proof silicon sealant on all sides. The cost shall include providing and installation of the sheets including all cutting, handling, fixing, accessories like framework, screws, rawl pluhs, silicon, double sided tape, to hand over the work in 100% finished condition. Detail of cost of 0.360 sqm area taking size 0.600 x 0.600 mtr with all common members.	-	-	-	-					
E.I-28	Providing and fixing GRC jali in opening of approved make and pattern of thickness 50mm specified as per the directions of Engineer-in-charge.	-	-	-	-	12.19	sqm	5553.33	67695.09	As per architectural drawings.
E.I-29	Extra for Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	-	-	-	-					As per structural drawing issued by client department.
	1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) instead of Agmt. item no.2.1 (1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	-	-	-	-	56.38	cum	807.35	45518.39	

Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
E.I-30	Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. (A) Granite of any colour and shade - area of slab over 0.50sqm.	-	-	-	-	20.02	sqm	4068.80	81457.38	As per architectural drawings.
E.I-31	Pressed clay tile work for wall lining upto 10 m height with special adhesive over 12mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement with an admixture of pigment to match the pressed tile shade : 8mm thick (machine cut edge)	-	-	-	-	31.59	sqm	1772.30	55986.96	As per architectural drawings.
E.I-32	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 : 200 mm dia. RCC pipe	-	-	-	-	17.50	Mtr.	644.85	11284.88	As per the actual requirement at site.
E.I-33	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	-	-	-	-	7.63	cum	5624.95	42918.37	As per the actual requirement at site.
E.I-34	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement : 3 coarse sand) including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge. (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	-	-	-	-	2.22	cum	13364.45	29669.08	As per architectural drawings.
E.I-35	Providing and laying coloured floor designer tiles in pattern of approved make in M-30 grade (thickness to be specified by the manufacturer) of approved shade and design laid over 20mm thick bed of cement mortar 1:4 (1 Cement: 4 coarse sand) including filling and finishing the joints with cement slurry (50% white cement, 50% ordinary cement) mixed with pigment of matching shade and finally rubbing and cleaning the tiles etc complete as per direction of Engineer-in-charge.	-	-	-	-	213.37	sqm	1631.15	348038.48	----do----
E.I-36	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size).	-	-	-	-	2.68	sqm	264.10	707.79	----do----
E.I-37	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.: 15 mm nominal bore	-	-	-	-	21.90	Mtr.	200.65	4394.24	As per the actual requirement at site.
E.I-38	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete	-	-	-	-	1.00	No.	410.10	410.10	----do----
E.I-39	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)	-	-	-	-	1.00	No.	181.50	181.50	----do----
E.I-40	Providing and fixing PTMT bib cock of approved quality and colour. 15mm nominal bore, 86 mm long weighing not less than 88 gms.	-	-	-	-	1.00	No.	198.35	198.35	----do----
E.I-41	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	-	-	-	-	3.40	sqm	605.85	2059.89	As per the architectural drawings.

Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
E-1-42	Pointing or brick work or brick lining with cement mortar 1:3 (1 cement: 3 fine sand). Fkkn / Filled / Sifted or weathered pointing					15.67	Sqm	134.05	1651.27	-----
E-1-43	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls putting masonry for holdfasts embedding hold fasts in cement concrete blocks of size 15 x 10 x 10 cm with cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 75 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete including disposal of rubbish to the dumping ground within 50 meters lead : Door chowkhats					4.00	Nos.	703.50	2814.00	As per the actual requirement at site
E-1-44	Demantling doors, windows and recessary windows (steel or wood) shutter including chowk etc. architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area beyond 3 sq. Metres					2.00	Nos	138.05	276.10	As per the actual requirement at site
E-1-45	Making the opening in brick masonry including demantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface to dispose of mulbar rubbish to the nearest municipal dumping ground					1.00	Nu.	482.10	482.10	-----

Item NO.	Description of Items	As per original estimate				As per Revised estimate				Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	
E.I-46	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of fine sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. (Interlocking paver blocks supplied free of cost by the department)	-	-	-	-	35.33	sqm	208.85	7378.67	As per architectural drawings.
E.I-47	White Makrana marble work gang saw cut (polished and machine cut) of thickness 18mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade: (To be secured to the backing by means of cramps, which shall be paid for separately): Area	-	-	-	-	8.70	sqm	11939.75	103875.83	---do---
E.I-48	Extra For colour coating on Agmt item no. 15.1 (i)	-	-	-	-	568.00	Inch	30.50	17324.00	---do---
E.I-49	Supplying and fixing C.I. cover 300x300 mm with frame for gully trap (standard pattern) the weight of cover to be not less than 4.5kg.	-	-	-	-	4.00	Nos.	290.95	1163.80	As per the actual requirement at site.
E.I-50	Providing and fixing steel cap for granite work with quick adhesive or fevi	-	-	-	-	53.00	Nos.	21.95	1163.35	---do---
E.I-51	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area beyond 3 sq. Metres	-	-	-	-	2.00	Nos.	138.05	276.10	---do---
TOTAL					3023623.00	TOTAL			12617975.86	
Add Cost index @ 37 %					813614.00	Add Contingencies @ 3 %			378539.28	
TOTAL					3837243.00	TOTAL			12996515.14	
Add Contingencies @ 3 %					115117.00	Add labour cess @ 1 %			129965.00	
TOTAL					3952360.00				13126480.14	
Add Labour Cess @ 1 %					39524.00					
TOTAL					3991884.00					
Add VAT @ 4 %					159675.00					
Grant Total					4151559.00					
For civil works					Say 4151600.00	Say			13126500.00	
For electrical works					4147500.00				4147500.00	
					Grand Total 8299100.00	Grand Total			17274000.00	

R. Goshwami
21/08/2015
Assistant Engineer(P-III),
Chandigarh Central Circle,
CPWD, Chandigarh.

M. S. Dhillon
Executive Engineer (P),
Chandigarh Central Circle,
CPWD, Chandigarh.

Revised preliminary estimate amounting to Rs. 1,72,74,000/- (Rs. One crore seventy two lac & seventy four thousand only.)
is hereby submitted to the client department for accord of revised A/A & E/S by the competent authority.

M. S. Dhillon
Superintending Engineer,
Chandigarh Central Circle,
CPWD, Chandigarh.

**केन्द्रीय लोक निर्माण विभाग
करनाल केन्द्रीय राण्डल
448, सुभाष कालोनी, करनाल**

संख्या 20(NIT)/क.के.मं/2016/ डी.मं.

सेवा में,

**The Dean (Estt),
NIT, Kurukshetra**

विषय : Justification for revised estimates

As per discussion held in the meeting on dt. 26.1.2016 in the chamber of Sh. S.N. Kauslik, AE (Civil), NIT, Kurukshetra the required justification for revised estimates for the following works is as under :-

S.No.	Name of Work	Justified reasons for revised estimates
1.	Co 600 Seater Girls Hostels (Multi Storied) RCC framed structure (Ground + 5) i/c internal & external Water Supply, Sanitary Installation, Internal Electrical Installations, Drainage & Development of site at NIT, Kurukshetra (Haryana)	The revision is required due to the fact that the total A/A & E/S amounting to Rs. 4899 lacs earlier issued by NIT authorities vide their letter No. CC/18 dated 07.01.2013 was based on preliminary estimate prepared by them own based on PAR 2007 duly enhanced by 2.1% for cost index & does not include Service Tax. CPWD being the Principal Employer has to reimburse the same to the contractor executing the work. Also there is Significant increase in cost of material & labour during the period between receipt of original A/A & E/S & start of work The tender for the work was finalized in May, 2014. Hence Revised preliminary estimate has been framed based on PAR-2012 duly enhanced with approved cost index as on 01-07-2014 & including Service Tax, to obtain the revised A/A & E/S from the competent authority
2.	Provision of university gate and kinnich road main gate at NIT, Kurukshetra	The revision is required due to change in architectural drawings as approved by NIT Authorities and execution of major additional work as desired by client dept.
3.	Construction of 3 storey teacher barracks comprising of 2 blocks including electrical installation at NIT Kurukshetra	The revision is required due to the fact that the total A/A & E/S amounting to Rs. 245.00 lacs earlier issued by NIT authorities vide their letter No. CC/30/97 dated 07-01-2013 was based on preliminary estimate prepared by NIT Authorities on PAR 2007 duly enhanced by 2.1% for cost index not including Service

C/o 300 Seater Multi-Purpose Boys Hostel w/ 100 Suites for Foreign Students, Research Scholars and Married PG Students (Multi-storied framed structure) (G+5) w/ Internal Water Supply, Sanitary Installation, Drainage & Internal Electrical Installations at NIT, Kurukshetra (Haryana)

Tax & being the Principal Employer, CPWD is to reimburse the same to the agency executing work. Also there is significant increase in cost of material & labour during the period between receipt of original A/A & E/S & start of work. Hence Revised preliminary estimate has been framed based on PAR-2012 duly enhanced with approved cost index as on 01-07-2014 & including Service Tax to obtain the revised A/A & E/S from the client dept.

The revision is required due to the fact that sanction of Rs. 3596 lacs was conveyed by the NIT authorities based on their own estimate in which so many provisions such as additional height of each floor, deeper foundation, no provision for green building norms, labour cess, VAT, EPF, ESIC and no cost index was taken at the time of giving sanction in Jan. 2013. The revised estimate has been submitted based on the actual plinth area of the building i.e. 15675 sqm considering PAR 2012, rates with upto date cost index of 9% and all the provisions of Labour Cess, VAT, Service Tax, EPF, ESIC, Green Building norms has been considered.

In the sanction given by your department Rs. 42 lacs was included for 2 Nos. lifts whereas as per approved Architecture drawings 4 Nos. lifts amounting to Rs. 1,12,00,000/- has been taken in RPE.


कार्यपालक अभियंता
करनाल केन्द्रीय मण्डल
के.ए.मि.पि, करनाल

By No. 145
Dated, 6/2/16

स्पीड पोस्ट

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

संख्या- 20(NIT)/यो.शा./क.के.मं/2016/ 482

दिनांक

4/2/16

सेवा में,

Dean (Estate),
NIT, Kurukshetra

PIE(E&C)

66.02.2016

AE(9)

Subk/SA

10/2/16

विषय : Provision for university gate and kirmich road main gates at NIT, Kurukshetra.

संदर्भ : AE, NIT Kurukshetra letter No. 24(13)/AE(K)/2015-16/Site Dt. 23.1.2016.

Kindly refer to above cited subject and meeting in your office, the increase in cost of the above work is due to following facts :-

1. Due to structural design by NIT, Kurukshetra. The quantity deviated in RCC, centring shuttering, reinforcement and extra item of M.S. tubular truss.
2. Extra work for approach roads on both gates as desired by client deptt. Vide letter No. CC/46/1706 Dt. 26.3.2014 issued by Dean (Estate), NIT, Kurukshetra.
3. As per architectural drawings and requirement of client department, the qty. increased in S.S. alphabets and emblem of institute on both gates vide letter No. CA-NR-1/501/2014/634 Dt. 16.4.2014 issued by Chief Architect, CPWD, Chandigarh.
4. Extra work of Aluminium Composite panel on all sides of steel truss as desired by Chief Architect with the consultation of client deptt. Vide letter No. CA-NR-1/501/2014/634 dt. 16.4.2014.
5. Extra work for c/o boundary wall with granite on main gate entrance as desired by client deptt. and drawing issued by Chief Architect vide No. CA-NR-1/501/145/P.D./01 Dt. 16.5.2014.
6. Extra work for c/o Islands for landscaping at main gate inside and outside portion as desired by client deptt. and drawing issued by Chief Architect vide No. CA-NR-1/501/167/P.D./27 Dt. 5/2014.
7. Extra work of pathway design in front and rear of main gate and university side gate as required by client deptt. And drawing issued by Chief Architect vide drawing No. CA-NR-1/501/194/W.D./28 Dt. 2.7.2014.
8. Extra work for white marble stone under the name and emblem of Institute as desired by client deptt. and letter issued by Chief Architect vide No. CA-NR-1/501/2014/897 Dt. 2.9.2014.

प्रतिलिपि :-

1. सहायक अभियंता, एन.आई.टी. कुरुक्षेत्र केन्द्रीय उप-मण्डल, के.लो.नि.वि, कुरुक्षेत्र को उनके उपरोक्त संदर्भित पत्र के संदर्भ में सूचनार्थ प्रेषित।

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

कार्यपालक अभियंता

utilized for the purpose of back-up supply of lifts and if need be the capacity of DG set of Guest House be increased to cater to the needs of Health Centre also.

- 15.7 To consider & approve the Rough Cost Estimate for construction of 2 No. Institute Main Gates at NIT, Kurukshetra.**

The Building & Works Committee approved the Rough Cost Estimate for construction of 2 No. Institute Main Gates at a total cost of Rs. 82.99 lacs.

- 15.8 To consider & approve the Rough Cost Estimate for construction of 2 Nos. Parking at NIT, Kurukshetra.**

The Building & Works Committee approved the Rough Cost Estimate for construction of 2 Nos. Parking at NIT, Kurukshetra at a cost of Rs. 94.21 lacs including works for electrical installations @ 12.5% of cost of civil works.

- 15.9 To consider & approve the Rough Cost Estimate for Sewage Treatment Plant (STP) at NIT, Kurukshetra.**

The Building & Works Committee approved the Rough Cost Estimate for Sewage Treatment Plant (STP) of 1 MLD capacity at the cost of Rs. 319.08 lacs.

It was also desired that the coordinator of the newly proposed School of Renewable Energy of the Institute should approach Ministry of Renewable Energy, Govt. of India to explore the possibilities of utilization of biogas for generation of cooking gas.

- 15.10 To consider & approve the Rough Cost Estimate for Cold Water Tanks & Supply Pipe line to the Solar Water Heating System Installed in the Hostel No. 1 to 9 Boys Hostel, Girls Hostel No. 1 & 2 at NIT, Kurukshetra.**

The Building & Works Committee approved the Rough Cost Estimate for Cold Water Tanks & Supply Pipe line to the Solar Water Heating System Installed in the Boys Hostels No. 1 to 9 and Girls Hostel No. 1 & 2 of the Institute at the cost of Rs. 60.64 lacs.

- 15.11 To consider and approve the Rough Cost Estimate for Construction of 600 seater Girls Hostel (Multi-Storeyed framed structure, Ground Floor + 5) at NIT, Kurukshetra.**

The Building & Works Committee approved the Rough Cost Estimate for construction of 600 seater Girls Hostel (Multi-Storeyed framed structure, Ground Floor + 5) at a cost of Rs. 48.99 crores including additional 5% for the provisions of green building i.e. provision of solar water heating system, solar lighting system etc.

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA -136 119

No. CCR/4/41

Dated: 07/01/2013

The Executive Engineer (Civil)
Central Public Works Department
Karnal Central Division
44B, Subhash Colony
Karnal

Subject:- Administrative approval & Expenditure sanction for the Provision for two nos. Institute Main Gates at NITK.

Reference: MoU dated 20.12.2012 & approval of the Hon'ble Director on dated, 04-01-2013.

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	Amount REC (Rs. In Lacs)
1	Provision for two nos. Institute Main Gates at NITK.	Rs. 82.99 (Rs. Eighty Two Point Ninety Nine Lacs Only)

[Signature]
7/1/13
Dean (Estate)
For Director
[Signature]
7/1/13
[Signature]
7/1/13
[Signature]
7/1/13

Copy to:

1. SS to Director for the kind information of the Hon'ble Director.
2. Chief Engineer (NZ-1), 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) *[Signature]*
8. Prof. I/C (EM) *[Signature]*
9. DR (Acs) *[Signature]*
10. Executive Engineer, Construction Cell *[Signature]* 7/1/13
11. A F (Civil) *[Signature]*
12. J.E. (Elect.) *[Signature]*
13. J.F. (Civil) *[Signature]*

[Signature]

Subject: Minutes of meeting of Estate Affairs Committee held on 05.01.2016 in office of the Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 05.01.2016 at 10:30 am in office of the Dean (P&D) to discuss the various issues related to the Estate Section.

Following were present:

1.	Prof. V.K. Selgal, Dean (P&D)	Chairman
2.	Prof. Anil Goel, Dean (Estate)	Member
3.	Prof. K.K. Singh, Prof. Civil Engg. Dept.	Member
4.	Prof. V.P. Singh, Prof. E&C (E&C)	Member
5.	Dr. Samir Chandra, Prof. EC (EM)	Member
6.	Dr. Anil Dubey, Prof. EC (H&L)	Member
7.	Sh. S.N. Kaushik, A.E. (Civil)	Member & Convener
8.	Prof. Parveen Aggarwal, Prof. EC (Security)	Special Invitee
9.	Sh. Ishwar Singh, Superintendent	Special Invitee
10.	Sh. Santinder Pal Singh, A.E. (Elect.)	Special Invitee
11.	Sh. Rajesh Kumar, J.E. (Civil)	Special Invitee
12.	Sh. Rakesh Kumar, J.E. (Elect.)	Special Invitee
13.	Sh. Shubham Gupta, J.E. (Civil)	Special Invitee
14.	Sh. Mohan Ram, J.E. (M)	Special Invitee

Dr. H.D. Chakraborty, Prof. EC (S&C) could not attend the meeting.

Following issues were discussed and resolved as under:

1. (A) Action taken report of EAC meeting held on 14.10.2015

(i) Discussion on report submitted by Prof. Ashwani Jala - Regarding facilities and related issues in the newly constructed BT & CT type houses.

(ii) Discussion on report submitted by Prof. K.S. Sandhu - Regarding Facility Plan.

Prof. V.P. Singh, Prof. EC (E&C) stated that the committee visited HT, Delhi and discussed with the concerned officers/officials and were told that the Institute (HT Delhi) pays all charges of common area in residences and even hostel, but no written documents were received as the concerned officers were on leave on that day. It was resolved that Prof. EC (E&C), Prof. EC (H&L) & Prof. EC (EM) may again visit HT, Delhi NIT to collect the relevant documents and submit report within 2-3 weeks.

(iii) To discuss the Master Layout Plan at NIT, Kurukshetra.

It is a separate agenda item which was discussed in detail later in the meeting of 14.10.2015 as an agenda item no. 7.

(iv) Discussion on the report submitted by the committee constituted by EAC - Regarding waving off the penalty amount of lifts installed in Newly constructed BT & CT type houses.

The matter was discussed and resolved that the case is already referred to Legal Counsel of the Institute and a reminder be sent to D.R. (GA&L). It was also discussed in the meeting that recommendations may also be sought from the Store Section regarding return of bank guarantee for the above said work to M/s. Balaji Enterprises, Yamuna Nagar road, Jagadhri.

(v) Providing concertina coil over the Institute boundary for security purpose - regarding demarcation for the boundary wall that is to be constructed to separate PWD colony from NIT Campus.

The consent has been received from Kurukshetra University Kurukshetra for concertina coil over the Institute boundary for security purpose through Executive Engineer vide letter no. 2719/XE-I Dated 08.12.2015. It was discussed and resolved that a reminder be sent to CPWD for re-rendering to expedite the above said work.

(vi) To discuss a request received from the Librarian for Air Conditioning of Library, Expansion of Library Building and Property Counter facility for students.

This item was deferred for the time being to last Estate Affairs Committee meeting, held on 14.10.2015.

(vii) To discuss the provision of wash room along main gate situated at NIT, Kurukshetra towards Kurukshetra University Kurukshetra.

It was discussed and resolved that provision of one WC seat Indian and one WC seat English and two non-spatial ports along with provision of drinking water facilities be made by the Estate Section at main gate of NIT, Kurukshetra situated towards KUK. Since there is no sewerage line foundation for waste disposal, it has been proposed to provide septic tank or any other option. Hence an expert opinion to the septic tank or any other option may be sought from Prof. V.K. Selgal, Prof. Civil Engg. Dept.

(v) To discuss regarding damaged A.C. in Light n. Mega Boys Hostel at NITK Kuvempu.

An estimate of damaged A.C. in Light n. Mega Boys Hostel has been received from the Executive Engineer (E. Sec.) CPWD, Kuvempu vide letter no. CCC/23(45)1/NITK/2887 dated 09.10.2015. It was resolved that a letter be written to Chief Warden (Boys) for recovery from the students staying at that time in the hostel.

(vi) To discuss the request regarding furnishing floor with tiles in the common room, dining hall, warden office and MMCA office in the boys hostel no. 1-5 and Girls Hostel No. 1 at NITK.

The matter was discussed and decided that the estimate received from the Superintending Engineer (Civil), CPWD, Channarayana vide letter no. CCC/23(45)1/NITK/2887 dated 09.10.2015 be put up before the ensuing B&WC meeting for further approval.

(vii) Providing peripheral road around the external boundary wall of the Institute for security & maintenance purpose - regarding the site feasibility & total length of the peripheral road at NITK.

The matter was dropped for the time being in last Estate Affairs Committee meeting, held on 14.10.2015.

1 (B). Action taken report of EAC meeting held on 22.07.2015

(vi) (a) To discuss the request received from Chief Warden (Boys) regarding carrying out AMC of lifts & fire safety equipments for hostel no. 10 (VISHVESHTAYA BHAWAN).

(b) Discussion on report submitted by Prof. Ashwani Jain - Regarding facilities and related issues in the newly constructed BT & CT type houses.

(c) Discussion on report submitted by Prof. K.S. Saadhin - Regarding TARI Plan. It was resolved that the same action will be taken as per item 1(i).

(xii) To discuss the request received regarding requirements of submersible pump and arrangement of the hydrant for the swimming pool and for the sports ground.

The matter was dropped for the time being in last Estate Affairs Committee meeting, held on 14.10.2015.

(xiii) To discuss the request received from SAS officer regarding fencing on boundary wall of the swimming pool.

The matter was dropped for the time being in last Estate Affairs Committee meeting, held on 14.10.2015.

(xiv) Report of Committee of Solar Water heaters.

The matter was discussed and resolved that a letter be sent again to the agency to expedite the work so that the work be completed at the earliest.

(v) Regarding decision about NIT Campus metering.

Discussed in agenda item no. 10(i) of EAC meeting held on 14.10.2015.

(vi) Decision on correspondence made to the Estate Section for alteration in existing infrastructure of Computer Engineering Department - regarding.

The case was referred to D.R. (GA & Legal) to get the Legal opinion from the Legal Counsel of the Institute vide this office letter No. CCC/200/90 dated 28.08.2015. It was resolved that a reminder be sent to D.R. (GA & Legal) for the above said works.

(vii) To inform for applicable labour licences and registration with ESIC, EPFO and BOCW Welfare Board.

The matter was discussed and resolved that a letter be sent to the Executive Engineer (Civil), CPWD, Kuvempu to submit the copy of labour licence and registration with ESIC, EPFO and BOCW Welfare Board of the concerned agency which are executing the ongoing works and future works in the Institute.

(viii & ix) To discuss the Master Layout Plan at NITK.

Discussed as separate agenda item no. 3 of EAC meeting held on 14.10.2015.

(x) Presentation on Kitchen Layout Plan of newly constructed 600 seater Girls Hostel.

The matter was discussed and resolved that the copy of observation received by inspection committee which visited the site on 01.11.2015 be communicated to CPWD.

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(xx) Preparation of Institute Master Plan of NITK.

This item will be discussed in the next item no. 4 & 7 of this meeting (05.01.2016)

(xxii) To discuss proposal and justification for expansion of Library Building and Air Conditioning received from Librarian.

The matter was discussed and resolved that space available to judiciously used.

(xxiii) To discuss a letter received from the Architect, CPWD, Chandigarh regarding - Additional Examination Halls (G-6) at NITK.

Floor wise requirements of all the floors.

Number of examination halls with approximate area and seating capacity per examination hall.

Any other requirements such as staff rooms, store etc.

This item will be discussed in this meeting (05.01.2016) vide item no. 4 & 7

(xxiv) To discuss a letter received from Chief Warden (Boys) regarding attention in the newly constructed 3 storied hostel barracks comprising of 2 blocks to accommodate 26 hostels at NITK.

The matter was discussed and resolved that the estimate received from the Executive Engineer (Civil), CPWD, Kanpur vide letter No. 20/142/P5/KCD/2015/201 dated 28.11.2015 for an amount of Rs. 12,54,600/- be put up in the ensuing B&WC meeting as a separate item.

(xxv) To discuss a letter received from General Secretary, Kurukshetra Sangh - to extend the boundary wall of park near G-Type houses.

The matter was discussed and resolved that there is no need of extension of boundary wall.

(xxvi) To discuss a revised cost estimate for 2 nos. manholes at NIT, Kurukshetra.

This item will be discussed at item no. 10 (i) of this meeting (05.01.2016).

(xxvii) To discuss change of scope in work of HT/LT distribution and Feeder Pillars etc. in Residential Area at NIT, Kurukshetra.

Also to decide the kWh meters specifications.

Provision of online data of all the distribution system.

The matter was discussed in the meeting and resolved that a reminder be sent to CPWD to start the work as the A/A & B/S has already been conveyed to the Executive Engineer, CPWD for the above said work & work may be completed by March, 2016.

(xxviii) Automation of water supply works related to filling of overhead tanks in campus.

The matter was discussed and resolved that the intermittent water supply scheme may be adopted in the campus. Hence the water supply from 10.00am to 11.00am, 03.00pm to 04.00pm would remain closed on trial basis for the time being. Further, it has been resolved that no water supply after 10.00pm.

(xxix) DG Set installed at Hostel No.-10

It was discussed and resolved that the DG Set will be taken over by the Electrical Maintenance Section after the servicing of DG Set done by Hostel No.-10.

2. To discuss the recommendations regarding provision of security huts at various locations in the Institute.

Prof. KC (Security) apprised the house and then the matter was discussed and resolved that 2 nos. permanent huts & 6 nos. temporary huts be provided at various locations in the Institute (list enclosed) after obtaining the approval from the competent authority. The same be conveyed to Executive Engineer (Civil) CPWD, for execution of the work.

1. To discuss regarding Replacement/Rewiring of Aluminium Wiring with Copper Wiring in Old Admin. Block at NITK.

The Prof. KC (EM) apprised the house that the tender of electrical rewiring work is being executed by CPWD and tendering process is under way. As informed by CPWD the scope of this project should also include replacement of telephone and internet cabling within the old blocks. The committee recommended this proposal and decided that Prof. KC (CCN) and Prof. KC (Telephone) be asked to coordinate with Prof. KC (EM) in regard to this matter.

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4. To discuss a letter received from the Architect, CPWD, Chandigarh regarding -
- Floor wise requirements of all the floors.
 - Number of examination halls with approximate area and seating capacity per examination hall.
 - Any other requirements such as staff room, store etc.
- The matter was dropped for the time being.

5. To discuss a letter received from the Executive Engineer (Civil), CPWD, Karnal regarding - To approve the drawing of the drainage system at Kirmach road gate side at NIT, Kurukshetra.

The matter was discussed and resolved that the work will be done at institute level and same may be conveyed to the CPWD.

6. To discuss the matter regarding Water Audits by DQS India.
- Water Audits by DQS India visited institute then "Declaring water conservation a national mission in June 2002", the Prime Minister of India, appealed to all countrymen to collectively address the problem of alarmingly progressive water shortage by conserving every drop of water and suggested for conducting water audits for all sectors of water use. Accordingly the matter was considered by the Committee and resolved that the time interval when supply be made from 05:30am to 10:00am, 11:00am to 03:00pm, 04:00pm to 10:00pm and remaining period i.e. 10:00am to 12:00pm, 03:00pm to 04:00pm and after 10:00 pm water supply will be closed on trial basis. This system will be reviewed after one month and if successful then it shall be continued otherwise past practice will be continued. Accordingly all the residents of Institute Campus may be informed to cooperate in the matter after getting the approval from the competent authority.

7. To discuss the requirement for Multi-storied (G+5) Mechanical Engineering Department for Master Layout Plan of NITK.

The matter was discussed and resolved that the requirements received from the various Departments be consolidated and a combined requirement be conveyed to the Chief Architect, CPWD, Chandigarh. Chief Architect may calculate the requirement as per norms i.e. National Building Code.

The decision regarding Multi-Storied Staff houses for G-type, DA and CC type houses be taken up after 7th pay commission guidelines / norms are received - implemented and the drawings submitted by Chief Architect, CPWD, Chandigarh may be taken up.

Multi-Storied (G+5) floor building be made in place of block No. 1 & 2 and other details as under:

- (i) Double Bedded rooms
- (ii) 2 Blocks with the capacity of 500 students each

8. (i) To Discuss request received from Vijay Kumar Bajpai, Prof. Mech. Engg. Deptt. - regarding chances of intramurtheft through house no. BC-4 due to low height between BC-4 and BC-5.
- (ii) To discuss the request received from the residents of CC-1 to CC-12 - regarding Safety of CC-1 to CC-12 in the Campus.
- (iii) To discuss the letter received from Sh. Ravi Kumar Tittal, Chemistry Department regarding to increase height and provide glass eullets in the facing walls of CB-6.
- (iv) To discuss a letter received from General Secretary, Kurukshetri Singh regarding -
- Safety grills installed in all old houses.
 - Upgrade the residential quarters i.e. (G, F, E, DE, DA, CC, CB and CA type)

The matter in serials i, ii & iii was discussed and resolved that there would not be any increase in boundary wall height. However, glass eullets would be provided by the waste sector. Further action in serial iv has been dropped.

9. To discuss the request received from the shopkeepers of G-Type market regarding to construct the toilet in G-Type market.

The matter was discussed and resolved that there is no need of separate wash room for shopkeepers & visitors. It was decided that the shopkeepers & visitors may use toilet provided in security bus being constructed by CPWD for security personnel near G-Type market.

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III. A/c other item

- (i) To discuss the revised cost estimate of 2 nos. Institute Main Gates so entitled by Superintending Engineer (Civil), CPWD, Chandigarh for an amount of Rs. 1,72,74,000/-

The matter was discussed and resolved that the same be sent to CPWD for submission of a separate proposal with detailed estimates to be submitted in a pre-bid before the bid opening meeting, this meeting being held on 14.04.2016

- (ii) To discuss the revised cost estimate of 600 senior girls hostel (both starved) of internal & external water supply, sanitary installations, internal electrical installations, drainage & development of site at NCTK for an amount of Rs. 67,46,52,700/-

The matter was discussed and resolved that letter be written to CPWD to submit separate justification for revised cost estimate so that it may be put up before the CPWD meeting at its next meeting for further approval

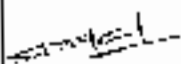
- (iii) To discuss the cost estimate for providing insect cell polycarbonate panel sheet done over skylight in block no. 5,7 and 9 in 600 senior girls hostel for an amount of Rs. 38,96,700/- to be included in the revised cost estimate recently submitted by Superintending Engineer (Civil), CPWD, Chandigarh for an amount of Rs. 67,46,52,700/-

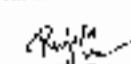
The revised cost estimate submitted by the Executive Engineer (Civil), CPWD, Karnal vide letter no. 200423/SPKCD/2315/1591 dated 28.11.2015 for providing insect cell polycarbonate panel sheet done in block no. 5,7 and 9 in 600 senior girls hostel was discussed and it has been resolved that since it is a part of the building, it should be included in main CNIT in the form of tender. A separate A/A & E/S for this work has already been conveyed to CPWD to execute the work within sanctioned budget within completion time of building.

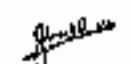
- (iv) To discuss the request received from the Dr. Suresh Chandra, Prof. Elect. Engg. Deptt., Dr. Praveen Aggarwal, Prof. Civil Engg. Deptt. & Dr. Anil Dahiya Prof. Elect. Engg. Deptt. for the provision of ramp for car parking in multi-storied residential Dots

The matter was discussed and resolved that Estate Section will visit the site and suggest possible alternatives or allocations in the parking space, so that inconvenience faced by the officers is avoided or minimized in parking their vehicles

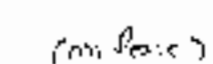
Meeting ended with thanks to the chair

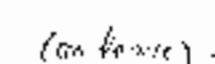

A.K. (E)

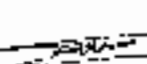

J.R. (C)

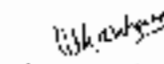

J.R. (C)

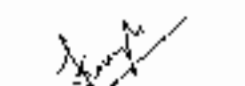

J.R. (C)

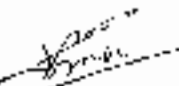

Prof. EC (S&C)

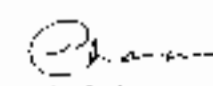

Prof. EC (Security)

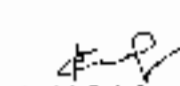

A.E. (Civil)

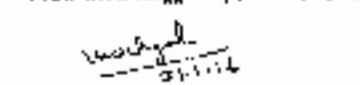

Superintendent

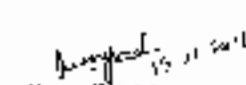

Prof. Civil Engg. Deptt.


Prof. EC (S&C)


Prof. EC (Civil)

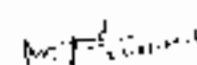

Prof. EC (H&L)

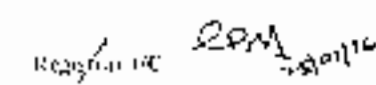

Dean (P & D) & Chairman (EAC)

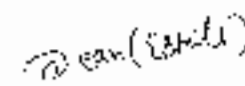

Dean (Estate)

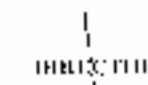
It is requested that above recommendations of Estate Affairs Committee may be approved please.

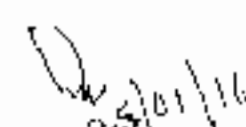
Submitted for approval please


Dean (Estate)


Registrar


Dean (Estate)


Director


25/01/16

-101-

Item No.21.9 To consider and approve the Revised Cost estimate for Replacement of CI/AC water supply lines with centrifugally cast (Spun) iron pipe class LA in Residences, Hostels and Instructional building at NIT, Kurukshetra

The work for replacement of CI/AC water supply lines with centrifugally cast (Spun) iron pipe class LA in Residences, Hostels and Instructional building at NIT, Kurukshetra was approved by the Building & Works Committee in its 9th meeting held on 17.3.2008 vide item No. 9.10 for amounting to Rs. 175.00 lacs and subsequently approved by FC & BOG. Accordingly, the A/A & E/S was conveyed to CPWD vide this office letter no.CC/11/88 dated 07/08.01.2013 for an amount of Rs. 175.00 lacs. The work was allotted to contractor by CPWD vide letter no. 54(NIT)/KCD/2014/1318 dated 23.04.2014. During the execution of the work, the Superintending Engineer (Civil), CPWD, Chandigarh submitted the revised cost estimate for Administrative Approval & Expenditure Sanction vide letter no. CCC/23(4515)NIT-3/943 dated 22.04.2013 for an amount of Rs. 222.05 lacs. The same was approved by the B&WC in its 17th meeting vide item No. 17.4 held on 27.6.2013. The revised A/A & E/S was conveyed to CPWD vide this office letter no. CC/262/12074 dated 14.11.2013 for an amount of Rs. 222.05 lacs. Now the work is nearly completed and the CPWD again the revised cost estimate as submitted by Superintending Engineer (Civil), CPWD, Chandigarh for an amount of Rs. 2,72,31,300/- vide letter no. CCC/23(4515)NIT-3/180 dated 14.01.2016 in which it is stated that the revision is required due to the fact that in the original estimate, the provision for Service Tax was not made. The CPWD being the principal employer, has to reimburse the same to the contractor executing the work. Also there is significant increase in cost of material and labour during the period of submission of preliminary estimate to the client and start of the work. Hence the revised preliminary estimate has been framed based on DSR-2014 duly enhanced with approved cost index as on 01.07.2014 and including Service Tax.

The revised cost estimate for amounting to Rs.2,72,31,300/- for Replacement of CI/AC water supply lines with centrifugally cast (Spun) iron pipe class LA in Residences, Hostels and Instructional building at NIT, Kurukshetra submitted by the CPWD was placed before the Estate Affair Committee in its meeting held on 16.2.2016. The same was approved by the competent authority.

It is therefore, requested that the B & WC may consider and accord approval for amounting to Rs. Rs.2,72,31,300/- for Replacement of CI/AC water supply lines with centrifugally cast (Spun) iron pipe class LA in Residences, Hostels and Instructional building at NIT, Kurukshetra.

12/01/16
Date: 12/01/16



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

संख्या: 4.कं.सं./23/4515/नि 3/-/86

दिनांक: 12/01/16

सेवा में

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

विषय: Replacement of CI/AC water supply lines with centrifugally cast (Spun) iron pipe class LA in Residences, Hostels and instructional building at NIT, Kurukshetra.

महोदय,

उपरोक्त कार्य का 2,72,81,300/- रुपये राशि का मंजोर्त प्रारम्भिक अनुमान इनके साथ ही प्रतियों में संलग्न किया जाता है। इस कार्य के लिए आवेदन आपके पत्र संख्या C/3506/93/4743 dated 31-8-2015 द्वारा भेजा गया था। आगे अनुसंद 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 करके समय लेखा शीघ्र (हैड ऑफ अकाउंट) का नाम भी उल्लेख करने की कृपा करें।

संलग्न अनुमान (तीन प्रतियां)

भवदीय

अधीक्षक अभियंता,

प्रतिलिपि:-

1. मुख्य अभियंता (उ.अं-1), के.लो.नि.वि., केन्द्रीय सदन, सैक्टर-9-ए, चण्डीगढ़।
 2. कार्यपालक अभियंता, करनाल केन्द्रीय मण्डल, के.लो.नि.वि., करनाल।
- संलग्न: अनुमान (एक प्रति)

अधीक्षक अभियंता

12/01/16

Dr. (Estate)

P/E/EC

12.01.2016

ALL-1, KURUKSHETRA

Sl. No.	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
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**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE: HARYANA

DIVISION: KARNAL CENTRAL

BRANCH: H&R

Name of work :- Replacement of C/FAC water supply lines with centrifugally cast (Spun) iron pipe class I-A in Residences, Hostels and instructional building at NIT, Kurukshetra.

Major Head:

Minor Head:

Detailed Head:

This revised preliminary estimate framed by Mr. Vardh. Kumar, Executive Engineer, Karnal Central Divn, CPWD, Karnal and further processed by Mr. R.K. Gandhi, Executive Engineer (P), Chandigarh Central Circle, CPWD, Chandigarh of the probable cost of Rs.2,72,31,300/- i/c contingencies.

REPORT

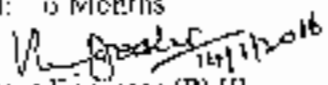
History: This revised preliminary estimate amounting to Rs.2,72,31,300/- i/c 3% contingencies has been framed to cover up the probable cost of the above mentioned work for accord of revised A/A & E/S from the competent authority. The requisition for revised estimate of the above work has been received from NIT authorities vide their letter No.CC/3505/93/1743 dated 31-8-2015. The revision is required due to the fact that in the original estimate, the provision for Service Tax was not made. CPWD being the principal employer, has to reimburse the same to the contractor executing the work. Also there is significant increase in cost of material and labour during the period of submission of preliminary estimate to the client and start of work. Hence the revised preliminary estimate has been framed based on DSR-2014 duly enhanced with approved cost index as on 01-07-2014 and including Service Tax to obtain the revised A/A & E/S from the competent authority.

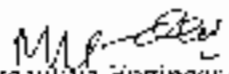
Design & Scope.

Following provisions have been made in this estimate:

1. Excavating trenches of required width for pipes, cables etc.
2. Providing and laying S&S Centrifugally Cast (Spun)/Ductile Iron Pipes conforming to IS:8329 of dia 100mm, 150mm, 200mm, 250mm class K-7 pipe.
3. Providing and fixing C.I. sluice valves of dia 100mm, 150mm, 200mm, 250mm.
4. Providing and laying S&S C.I. standard specials such as tees, bends, collars, tapers, caps etc. (Heavy class).
5. Providing and fixing C.I. double acting air valve.
6. Providing and fixing G.I. pipes for inlet connection.

Specifications As per CPWD specification 2009 Vol-I to II, with up to date correction slips.
Rate As per DSR- 2014 duly enhanced with approved cost index.
Amount: Rs.2,72,31,300/- i/c 3% 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 allowed: 6 Months


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


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

Abstract of Cost - Original Estimate

Name of Work : Replacement of CI/AC water supply lines with centrifugally cast (Spun) iron pipe class LA in Residences, Hostels and instructional building at NIT, Kurukshetra.

S.No.	DSR Item	Description of Item	Unit	Original Estimate			Revised Estimate			Remarks
				Qty	Rate	Amount	Qty	Rate	Amount	
				DSR-2012			DSR-2014			
1		SH:- EARTH WORK								
1.1	2.10	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								Qty executed as per hydraulic design of water supply line
1.1.1	2.10.1	All kinds of soil								
1.1.1.1	2.10.1.2	Pipes, cables etc exceeding 80 mm o.d. but not exceeding 300 mm dia	metre	11385.00	155.60	1305356.00	12925.00	208.30	2692278.00	
2		SH:- CONCRETE WORK								
2.1	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level								Qty executed as per actual requirement for chamber covers & instructional area paved with cement concrete.
2.1.1	4.1.3	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	cum	—	—	—	80.00	5406.30	437304.00	
2.1.2	4.1.10	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	cum	—	—	—	50.00	4004.00	200200.00	

S.No.	DSR item	Description of Item		Original Estimate			Revised Estimate			Remarks
		HALF BRICK MASONRY								
3	6.12	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in								Qty executed for stop cock & gate valve chambers in about yards of individual houses
3.1	6.12.2	Cement mortar 1:4 (1 cement : 4 coarse sand)	sqm	---	---	---	490.50	584.75	233800.00	
4		SH:- DISMANTLING AND DEMOLISHING								
4.1	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.								Qty executed for institutional area paved with cement concrete subsequently
4.1.1	15.2.1	Nominal concrete 1:3:6 or richer mix (or equivalent design mix)	cum	---	---	---	50.00	892.70	44835.00	
4.1.2	15.2.2	Nominal concrete 1:4:6 or leaner mix (or equivalent design mix)	cum	---	---	---	50.00	560.50	27525.00	
5		SH:- ROAD WORK								
5.1	16.13	Cutting road and making good the same including supply of extra quantities of materials i.e aggregate, modulus screening red bayr and labour required.								Qty executed as per original estimate
5.1.1	16.13.1	bituminous portion	cum	8.00	1551.80	14890.00	8.00	2447.70	19582.00	
5.1.2	16.13.2	Water bound macadam	cum	33.00	965.25	32645.00	33.00	1276.10	42111.00	
6.00		SH:- WATER SUPPLY								
6.1	18.12	Providing and fixing G.I pipes complete with G.I fittings including trenching and refilling etc.								Qty executed to make connections as per existing open with same dia
6.1.1	18.12.1	25 mm dia nominal bore	metre	---	---	---	600.00	196.25	111750.00	
6.1.2	18.12.2	20 mm dia nominal bore	metre	---	---	---	1800.00	209.55	377810.00	
6.1.3	18.12.3	25 mm dia nominal bore	metre	2310.00	209.40	483714.00	250.00	257.30	64325.00	
6.1.4	18.12.4	32 mm dia nominal bore	metre	---	---	---	500.00	281.55	234840.00	

S.No.	DSR item	Description of Item		Original Estimate			Revised Estimate			Remarks
6.2	18.13	Making connection of G.I. distributor branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :								do
6.2.1	18.13.1	25 In 40 mm nominal bore	each	---	---	---	385.00	367.75	141664.00	
6.3	18.16	Providing and fixing brass stop cock of approved quality :								
6.3.1	18.16.1	15 mm nominal bore	each	---	---	---	327.00	260.60	45216.00	do
6.3.2	18.16.2	20 mm nominal bore	each	---	---	---	41.00	280.95	11519.00	
6.4	18.17	Providing and fixing gun metal gate valve with C.I. wres. of approved quality (screwed end)								
6.4.1	18.17.1	25 mm nominal bore	each	385.00	372.95	143566.00	20.00	422.85	8577.00	uo
6.4.2	18.17.2	32 mm nominal bore	each	---	---	---	105.00	501.50	52658.00	
6.5	18.20	Providing and fixing brass femula with C.I. mouth cover including boring and tapping the main :								
6.5.1	18.20.1	15 mm nominal bore	each	385.00	203.50	76271.00	215.00	245.85	92879.00	do
6.5.2	18.20.2	20 mm nominal bore	each	---	---	---	100.00	293.40	28340.00	
6.5.3	18.20.3	25 mm nominal bore	each	---	---	---	70.00	306.80	26016.00	
6.6	18.25	Providing and laying S&S C.I. standard specials such as tees, bands, collars, tapers, caps etc. (Heavy class)								
6.6.1	18.25.1	Up to 300 mm dia	quintal	25.00	4202.35	105059.00	50.00	4447.80	222390.00	

S.No.	DSR Item	Description of Item		Original Estimate			Revised Estimate			Remarks
37	18.31	Providing and fixing C.I. sluice valves (with tap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately)								
6.7.1	18.31.1	100 mm diameter								
6.7.1.1	18.31.1.1	Class I	each	---	---	---	21.50	3308.50	60431.00	Qty. executed as per hydraulic design of water supply line
6.7.1.2	18.31.1.2	Class II	each	71.00	3498.50	248379.00	---	---	---	
6.7.2	18.31.3	150 mm diameter								
6.7.2.1	18.31.3.1	Class I	each	---	---	---	19.00	4843.00	32028.00	
6.7.2.2	18.31.3.2	Class II	each	39.00	3200.40	202815.00	---	---	---	
6.7.3	18.31.4	200 mm diameter								
6.7.3.1	18.31.4.1	Class I	each	---	---	---	9.00	9515.55	95641.00	Qty. executed in sluice valves as per actual requirement at site
6.7.3.2	18.31.4.2	Class II	each	15.00	11260.00	168909.00	---	---	---	
6.7.4	18.31.5	250 mm diameter								
6.7.4.1	18.31.5.1	Class I	each	---	---	---	1.00	13950.50	13951.00	
6.5	18.34	Constructing masonry Chamber 90x90x100 cm inside in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm top diameter, 100 mm bottom diameter and 180 mm deep (inside) with chamed in and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) if necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:2 (1 cement : 2 coarse sand; 12 mm thick finished with a floating coat of neat cement complete as per standard design)								
6.5.1	18.34.1	With common burnt clay F.P.S. (non-modular, bricks of class designation 7.5	each	125.00	9277.10	1159036.00	53.00	11672.35	918635.00	

S.No.	DSR Item	Description of Item		Original Estimate			Revised Estimate			Remarks
6.9	18.35	Constructing masonry Chamber 60x60x75 cm, inside in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with G.I. surface box 350x350 mm top and 165 mm deep (inside) with chained id and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) , its necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design.								Qty. executed for fire hydrants as per actual requirement at site
6.9.1	18.35.1	(With common joint: clay F.P.S (non modular) bricks of class designation 7.5	each	---	---	---	18.00	6431.70	115771.00	
6.10	18.40	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality								
6.10.1	18.40.1	15 mm diameter pipe	metre	---	---	---	600.00	5.80	3480.00	Qty. executed for G.I. pipes and in external work
6.10.2	18.40.2	20 mm diameter pipe	metre	---	---	---	1800.00	6.85	12330.00	
6.10.3	18.40.3	25 mm diameter pipe	metre	---	---	---	170.00	8.75	1487.50	
6.10.4	18.40.4	32 mm diameter pipe	metre	---	---	---	720.00	10.40	7488.00	
6.11	18.41	Providing and filling sand of grading zone V or coarser grade, around the G.I. pipes in external work								
6.11.1	18.41.1	15 mm diameter pipe	metre	---	---	---	600.00	56.40	33840.00	Qty. executed around G.I. pipes and in external work
6.11.2	18.41.2	20 mm diameter pipe	metre	---	---	---	1800.00	67.30	121140.00	
6.11.3	18.41.3	25 mm diameter pipe	metre	---	---	---	170.00	69.05	11738.50	
6.11.4	18.41.4	32 mm diameter pipe	metre	---	---	---	720.00	70.65	50868.00	

S.No.	DSR Item	Description of Item		Original Estimate			Revised Estimate			Remarks
5.12	18.55	Providing and fixing C.I. double acting air valve of approved quality with bolts, nuts, rubber insertions etc. complete (The tail pieces, lapers etc if required will be paid separately) :								Qty executed as per actual requirement at site
5.12.1	18.55.3	100 mm dia	each	---	---	---	9.00	8110.05	72000.00	
6.13	18.70	Providing push on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and the cost of rubber gasket								Qty executed for K7, K8 pipes for which there was no provision in the original estimate
5.13.1	18.70.1	100 mm dia pipes	joint	---	---	---	1065.00	61.85	65670.00	
5.13.2	18.70.2	150 mm dia pipes	joint	---	---	---	950.00	96.15	91243.00	
5.13.3	18.70.3	200 mm dia pipes	joint	---	---	---	350.00	146.00	51100.00	
5.13.4	18.70.4	250 mm dia pipes	joint	---	---	---	35.00	177.25	6204.00	
6.14	18.72	Providing and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS : 9329								Qty executed as per hydraulic design of water supply line
5.14.1	18.72.1	100 mm dia Ductile Iron Class K-7 pipes	metre	---	---	---	5740.00	924.05	5304047.00	
5.14.2	18.72.2	150 mm dia Ductile Iron Class K-7 pipes	metre	---	---	---	5160.00	1335.70	6897372.00	
5.14.3	18.72.3	200 mm dia Ductile Iron Class K-7 pipes	metre	---	---	---	1855.00	1849.00	3429595.00	
5.14.4	18.72.4	250 mm dia Ductile Iron Class K-7 pipes	metre	---	---	---	170.00	2503.55	425804.00	
5.14.5	18.72.15	100 mm dia Ductile Iron Class K-8 pipes	metre	4310.00	946.00	1077260.00	---	---	---	
5.14.6	18.72.16	150 mm dia Ductile Iron Class K-8 pipes	metre	5005.00	1380.40	6063947.00	---	---	---	
5.14.7	18.72.17	200 mm dia Ductile Iron Class K-8 pipes	metre	2070.00	1885.40	3923478.00	---	---	---	

[illegible]

Item No. 9.7 To consider and approve the cost estimate for providing & fixing of Wash Basin & Looking Glass along with necessary accessories in G-Type Hostel at National Institute of Technology, Kharagpur.

The Building and Works Committee approved cost estimate for providing & fixing of Wash Basin & Looking Glass along with necessary accessories in G-Type Hostel at National Institute of Technology, Kharagpur, amounting to Rs. 6.00 lacs.

Item No. 9.8 To consider and approve the cost estimate for providing & installation of 2 Nos. Talcrofts in National Institute of Technology, Kharagpur.

The Building and Works Committee approved cost estimate for providing & installation of 2 Nos. Talcrofts in National Institute of Technology, Kharagpur amounting to Rs. 19.75 lacs.

Item No. 9.9 To consider & approve cost estimate for replacement of A.C.C. sheets with Zincalume sheets & renovation of water channel in Central/Old Workshop at National Institute of Technology, Kharagpur.

The Building and Works Committee approved cost estimate for replacement of A.C.C. sheets with Zincalume sheets & renovation of water channel in Central/Old Workshop at National Institute of Technology, Kharagpur amounting to Rs. 5.05 lacs.

Item No. 9.10 To consider and approve the cost estimate for the replacement of old C.I./A.C. water supply lines with Centrifugally Cast (spun) Iron Pipes (class) L.A. in the Residences, Hostels & Instructional Buildings at National Institute of Technology, Kharagpur.

The Building and Works Committee approved cost estimate for the replacement of old C.I./A.C. water supply lines with Centrifugally Cast (spun) Iron Pipes (class) L.A. in the Residences, Hostels & Instructional Buildings at National Institute of Technology, Kharagpur, amounting to Rs. 4.75 crore.

Item No. 9.11 To consider and approve the cost estimate for providing Distemper instead of White Washing to various residences at National Institute of Technology, Kharagpur.

The Building and Works Committee approved cost estimate for providing Distemper instead of White Washing to various residences at National Institute of Technology, Kharagpur amounting to Rs. 78.75 lacs.

Item No. 9.12 To consider and approve the cost estimate for construction of Administrative Block at National Institute of Technology, Kharagpur.

The Building and Works Committee approved cost estimate for the construction of Administrative Block at National Institute of Technology, Kharagpur amounting to Rs. 6.59 crore.

Item No. 9.13 To consider and approve the revised rough cost estimate for the installation of H.P.L.T. Sub-Station at National Institute of Technology, Kharagpur.

The Building and Works Committee approved cost estimate for the installation of H.P.L.T. Sub-Station at National Institute of Technology, Kharagpur amounting to Rs. 582.00 lacs.

Rt. Hon. J. J. J. J.

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA -136 119

No. CCI/11/88

Dated: 07/01/2013
08

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

Subject:- Administrative approval & Expenditure sanction for Replacement of C.I./A.C. water supply lines with Centrifugally Cast (Spun) Iron Pipes Class L.A. in the Residences, Hostels & Instructional Building at NIT, Kurukshetra.

Reference: MoU dated 20.12.2012 & approval of the Hon'ble Director on dated. 04-01-2013.

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	Amount REC (Rs. In Lacs)
1	Replacement of C.I./A.C. water supply lines with Centrifugally Cast (Spun) Iron Pipes Class L.A. in the Residences, Hostels & Instructional Building at NIT, Kurukshetra.	Rs. 175.00 (Rs. One Hundred Seventy Five Lacs Only)

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) - 08/1/13
8. Prof. I/C (EM) - 08/1/13
9. DR (Acs) - 08-1-13
10. Executive Engineer, Construction Cell - 08/1/13
11. A.E. (Civil) - 08/1/13
12. J.E. (Elect.) - 08/1/13
13. J.E. (Civil) - 08/1/13

Dean (Estate)
For Director

Recd.

The action taken report on most of the decisions could not be presented as approval is pending from FC and BOG of the Institute. Members were informed that the same would be presented in next meeting of B&WC.

- 17.3 To consider & approve the Revised Cost Estimate for construction of Boundary wall (left out stretched) for a length of about 800 meter and gate (near UHBVN office) at NIT, Kurukshetra.

The Building & Works Committee considered and approved the revised cost estimate submitted by CPWD for the work for an amount of Rs. 84.276 lacs. It was decided that CPWD will submit justification for the revision in estimate and change in design, and the same has been attached as Annexure-I.

- 17.4 To consider & approve the Revised Cost Estimate for replacement of C.I./A.C. water supply lines with centrifugally Cast (Spun) Iron Pipes Class L.A. in the Residences, Hostels & Instructional Building at NIT, Kurukshetra.

The Building & Works Committee considered and approved the revised cost estimate for the work for an amount of Rs. 222.05 lacs. It was decided that proper provision for future expansion should be made in the design so as to ensure adequate pressure head in distribution system. In order to avoid misuse and wastage of water, provision of metering system in the Institute should also be made. A detailed plan of the water supply distribution system should also be submitted by CPWD.

- 17.5 To ^{ratify} rectify action taken by Chairman B&WC to accord A/A & E/S for providing 40mm thick premix carpeting on various roads at NIT, Kurukshetra.

The Building & Works Committee considered and approved the action taken by Chairman B&WC to accord A/A & E/S for providing 40mm thick premix carpeting on various roads at NIT, Kurukshetra in view of the visit of His Excellency, the President of India to the Institute.

- 17.6 To consider & approve the Cost Estimate for provision of permanent and temporary huts for security guards at various locations in the Institute.

The Building & Works Committee considered the issue and decided that the work be assigned to the CPWD. Further, CPWD be requested to provide design along with cost estimate for the provision of permanent and temporary huts including facility for electricity supply, telephone and drinking water for security guards. In order to avoid any further delay in work, it was decided that Chairman B&WC be authorized to approve any revision in cost estimate due to additional provisions.

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA - 136 119

Date: 14/11/13

No. CC/ 20/ 17614

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

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

The revised 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	Amount REC (Rs. In Lacs)
1	Construction of Administrative Block at NIT, Kurukshetra	655.34
2	Providing & Installation of electrical Sub Station HT/ LT distribution including Street lightinging & Feeder Pillar etc. in Non-Residential area at NIT, Kurukshetra	724.73
3	Construction of Boundary wall belt out stretched for a length of about 800 meter and Gate (near CPWD office) at NIT, Kurukshetra	84.276
4	Replacement of C.I./A.C. water supply lines with centrifugally Cast (gun) iron Pipes Class I, A. in the Residences, Hotels & Institutional Building at NIT, Kurukshetra	229.05

[Signature]
14/11/13
Dean (Estates)

Copy to:

1. SE in Director for the kind information of the Hon'ble Director.
2. Chief Engineer (N2. II), 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 (E&M)
9. DR (Acad)
10. Executive Engineer, Construction Cell
11. A.E. (Civil)
12. I.E. (Elect.)
13. J.R. (Civil)

भारतीय प्रजासत्ताक
राज्य सरकार
कुल्लुहा, कुरुक्षेत्र, हरियाणा

प्रदर्शक पत्र

दिनांक: 21/03/2014

पत्र संख्या: 29/10/2014

श्री. Harpal Singh,
Flat No. 14, Siddarth Apartments,
Indira Enclave, New Delhi

Replacement of CILAC water supply lines with centrifugally cast (spun) iron pipe class LA in Residences, Hostel and instructional building at NIT Kurukshetra.

इस कार्यकागज को पत्र संख्या 54(NIT)/क.स.स/2014 दिनांक 19.3.2014 में प्रत्यक्ष एवं मुहूर्त 'शुद्ध' दिनांक 24.3.2014.

Your item rate tender for the work mentioned above has been accepted on behalf of the President of India at your tendered amount of ₹ 1,29,53,909/- (Rupees Two Crores Twenty Nine Lacs Three Thousand Nine Hundred & Nine Only) which works out to 0.47% (Six Decimal Four Seven Percent only) above against the estimated cost of ₹ 2,15,12,426/- (Rupees Two Crores Fifteen Lacs Twelve Thousand Four Hundred & Twenty Six Only)

You are requested to attend this office to complete the formal agreement within seven days from the date of issue of this letter.

You are also requested to contact the Assistant Engineer, Kurukshetra Central Sub-Division, CPWD, Kurukshetra for taking possession of site and starting the work at once. Please note that the time allowed for carrying out the work as entered in the tender is Six Months, shall be reckoned from 10.4.2014.

आभारीय,

- हस्ताक्षर -
सहायक अभियंता
कुरुक्षेत्र केन्द्रीय मंडल,
को.सी.वि.सि.मंडल

प्रतिनिधि :-

1. प्रमुख कार्यालय
2. सहायक अभियंता, कुरुक्षेत्र केन्द्रीय मंडल, को.सी.वि.सि. मंडल, कुरुक्षेत्र के उपर्युक्त पत्र संख्या को.सी.वि.सि.मंडल-III/650 दिनांक 11.3.2014 के संदर्भ में प्रस्तावित प्रोत्तल।
3. निदेशक, एम.आर्.डी.सी. कुरुक्षेत्र।
4. आयुक्त अभियंता, आयुक्त कार्यालय कुरुक्षेत्र।
5. निदेशक एवं अभियंता (ह.स.), को.सी.वि.सि. केन्द्रीय मंडल, कुरुक्षेत्र।
6. सहायक अभियंता, कुरुक्षेत्र, केन्द्रीय मंडल, कुरुक्षेत्र।
7. ज. सहायक अभियंता(सि.)/क.स.स/अधीनस्थ अभियंता/को.सी.वि.सि. मंडल, कुरुक्षेत्र।
8. अन्य संबंधित अधिकारी (संकेतित), को.सी.वि.सि. मंडल, कुरुक्षेत्र, कुरुक्षेत्र।

सहायक अभियंता, कुरुक्षेत्र

Item No.21.10 To consider and approve the Cost estimate for furnishing floor with tiles in the common room. Dining hall, Warden office and MMCA office in the Boys Hostel No. 1-6 and Girls Hostel No. 1 at NITK

A request was received from the Chief Warden (Boys) for furnishing floor with tiles in the common room, Dining hall, Warden office and MMCA office in the Boys Hostel No. 1-5 and Girls Hostel No. 1 at NITK (request attached). Accordingly, the same was placed before the Estate Affair Committee in its meeting held on 15.7.2015 (attached). The decision of EAC is reproduced below:

"The EAC Resolved that a letter be written to CPWD to submit the cost estimate for furnishing floor with tiles in the common rooms, dinning hall, Warden offices & MMCA Office etc. in the old boys hostels No. 1-6 and old girls hostel No. 1

The Executive Engineer, CPWD was intimated vide letter No. CC/3506/79/4393 dated 7.8.2015 to provide the cost estimate for the above-mentioned work. The Superintending Engineer, CPWD, Chandigarh Central Circle, CPWD, Chandigarh has submitted a cost estimate vide letter No CCC/23(4515)NIT-3/2887 dated 23.9.2015 for furnishing floor with tiles in the common room. Dining hall, Warden office and MMCA office in the Boys Hostel No. 1-5 and Girls Hostel No. 1 at NIT, Kurukshetra for an amount of Rs. 31,01,200/-. Further, the estimate was putup before the Estate Affairs Committee meeting held on 05.01.2016 and the same was approved by the competent authority.

It is therefore, requested that the B & WC may consider and accord approval for amounting to Rs. 31,01,200/- for furnishing floor with tiles in the common room, Dining hall, warden Office and MMCA office in the Boys Hostel No. 1-5 and Girls Hostel No. 1 at NIT, Kurukshetra.

B9WC

भारत सरकार
केन्द्रीय लोक निर्माण विभाग
चण्डीगढ़ केन्द्रीय परिमण्डल

Dy. no 495.

Date: 20/9/15

केन्द्रीय सदन, सैक्टर-9ए, चण्डीगढ़-160009

संख्या:-च.के.परि./23(4515)नि.3/ 2887

दिनांक:- 23/9/18

सेवा में,

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

विषय:-:- Furnishing floor with tiles in the common room, dinning hall, warden office and MMCA office in the old Boys Hostel No. (1-6) and old Girls Hostel No.(1) at NIT, Kurukshetra.

महोदय,

उपरोक्त कार्य का ~~31,01,200/-~~ 31,01,200/- रुपये राशि का प्रारम्भिक अनुमान इसके साथ दो प्रतियों में संलग्न किया जाता है। इस कार्य के लिए आवेदन आपके पत्र संख्या: CC/3506/79/4393 dated 07-08-2014 द्वारा भेजा गया था। आपसे अनुरोध है कि अनुमान को शीघ्र स्वीकृत करने की कृपा करें अन्यथा रागय 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।

संलग्नः अनुमान दो प्रतियां।

भवदीय

अधीक्षण 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 मण्डल, के.लो.नि.वि., करनाल को अनुमान की एक प्रति सहित।

અધીક્ષણ અભિયંત્રા

2804 29/9/15

~~Dean (Estate)~~

Proj 2/c (t & c)

Amended DISCOMIN King
AE (print) S 30/9/15
JEC

279 Date 30/9/15

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE: HARYANA

DIVISION: KARNAL CENTRAL

BRANCH: B&R

Name of work :- Furnishing floor with tiles in the common room, dining hall, warden office and MMCA office in the old Boys Hostel No. (1-6) and old Girls Hostel No.(1) at NIT, Kurukshetra.

Major Head:

Minor Head:

Detailed Head:

This preliminary estimate framed by Mr. Varun Kumar, Executive Engineer, Karnal Central Divn, CPWD, Karnal and further processed by En. R.K. Girdhi, Executive Engineer (F), Chandigarh Central Circle, CPWD, Chandigarh at the probable cost of Rs.31,01,200/- i/c 5% contingencies.

REPORT

History: This preliminary estimate amounting to Rs.31,01,200/- i/c 5% contingencies has been framed to cover up the probable cost of the above mentioned work for record of A/A & E/S of the competent authority. The requisition for this work has been received from NIT authorities vide their letter No.CC/3506/79/4193 dated 07-08-2014. Hence this estimate.

Design & Scope: Following provisions have been made in the estimate:-
1. Providing and laying Vitrified tiles on existing floor with cement based high polymer quick set tile adhesive.

Specifications: As per CPWD specification 2009 Vol-I to II with up to date correction slips.

Rate: As per DSR- 2014 with upto date correction slips

Amount: Rs 31,01,200/- i/c 5% contingencies

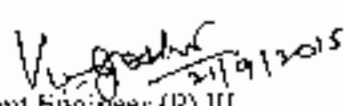
W.C.Estt.: Shall be met out of contingencies.

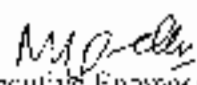
T&P:- Shall be arranged by the contractor.

Land: Available.

Method: By contract after call of tenders.

Time allowed: Pre-construction activity : 02 Months.
Execution period 03 Months
Total 05 Months


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


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

ABSTRACT OF COST

Name of Work : - Furnishing floor with tiles in the common room, dining hall, warden office and MMCA office in the old Boys Hostel No. (1-6) and old Girls Hostel No.(1) at NIT Kurukshetra

S No.	D5R No.	Description of Item	Qty.	Unit	Rate	Amount
11	11.41- 11.42+ 11.43	SH:- FLOORING Providing and laying Vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS 15692, of approved make, in all colours and shade, laid with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS 15477, in average 3mm thickness, including grouting the joints with white cement and matching pigment etc. complete.				
1.1.1		Size of Tile 600x600 mm	1050.00	sqm	1391.05	2094215.00
					Total :-	2694218.00
		Add cost index @ 3.81 %				102650.00
					Total :-	2796868.00
		Add 5% contingencies				139843.00
					Total :-	2936711.00
		Add Service Tax @ 14% on 40% of "A"				164458.00
					G. Total :-	3101169.00

Say Rs.31,01,200/-

[Signature]
21/9/2015
Assistant Engineer (P) III
Chandigarh Central Circle,
CPWD, Chandigarh.

[Signature]
Executive Engineer (P)
Chandigarh Central Circle,
CPWD, Chandigarh.

Preliminary estimate amounting to Rs 31,01,200/- (Rupees Thirty one lac one thousand & two hundred only) is hereby submitted to client deptt. for accord of A/A & E/S of competent authority.

[Signature]
Superintending Engineer
Chandigarh Central Circle
CPWD, Chandigarh

NATIONAL INSTITUTE OF TECHNOLOGY
KIRDSKHEERA

No. CC/3506/19/4293

10/05/2019

To

The Executive Engineer (Civil)
CPWD, Karnal Circle Division,
448, Subhasa Colony,
Karnal

Subject:

To submit the cost estimate regarding furnishing floor with tiles in
the common room, dining hall, warden office and MMR A office
in the old boys hostel no. (16) and old girls hostel no. (11) of NIT,
Kardskheera.

As desired by the competent authority of the Institute to submit the
cost estimate for furnishing floor with tiles in the common rooms, dining hall,
warden offices & MMR A offices in the old boys hostel no. (16) and old girls hostel
no. (11) of NIT, Kardskheera.

You are requested to submit the cost estimate to the above cited work
order for your information and further necessary action, please.

Yours faithfully,
[Signature]
Dear Sir (state)

cc

1. Dean, NIT for kind information, please.
2. P.O. NIT, Kardskheera.
3. A.E. (Civil)
4. A.E. (Civil) CPWD, Camp office NITK

Sub: Request regarding furnishing floor with tiles

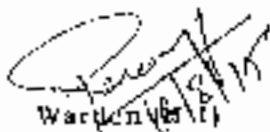
It is stated that on the passage of time in hostels no. 1, 2 & 3 the floor of Common room, dining hall, Warden Office and MADA office becomes rough causing cleanliness related problems to sweepers.

Keeping in view that, these hostels belongs to first year students, floors of the above mentioned areas should be well furnished and look neat and clean for visitors, there is requirement of furnishing these areas in all the three hostels with floor tiles.

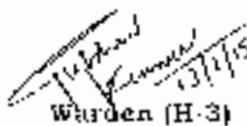
In addition to this a separate toilet is required for visitors, which can be constructed on back side of common room.

Therefore, you are requested to look into the matter on priority basis and get it done through Estate & Construction department, as the upcoming session will be started in few months.

The matter may be put for your kind consideration and necessary action, please.


Warden (H-1)


Warden (H-2)


Warden (H-3)

CW (Boy's)

Dean E & C

to put up in forthcoming E&C meeting pt.
18/3/15

SA

18/3/15

Subject: Allotment of the 11th batch of B.T. & C.T. students on 15.07.2015.
 Date: 15.07.2015, Place: Bangalore, Karnataka, India.

A meeting of the B.T. & C.T. Committee was held on 15.07.2015 in the B.T. & C.T. hall at the Institute of Technology, Bangalore.

Following were present:

1. Prof. A. K. Srinivas, Head, B.T. & C.T.	Chairman
2. Prof. K. K. Srinivas, Deputy Head	Member
3. Prof. A. C. Srinivas, Prof. B.T. & C.T.	Member
4. Prof. E. Srinivas, Prof. B.T. & C.T.	Member
5. Dr. Srinivas, Chairman, B.T. & C.T.	Member
6. Dr. Srinivas, Deputy Head, B.T. & C.T.	Member
7. Sh. Srinivas, Asst. Eng. (Civil)	Special invitee
8. Sh. Srinivas, Asst. Eng. (Mech)	Special invitee
9. Sh. Srinivas, Asst. Eng. (Elec)	Special invitee
10. Sh. Srinivas, Asst. Eng. (Civil)	Special invitee

The following issues were discussed and resolved as under:

1. Discussion on report submitted by Prof. Srinivas, Head, B.T. & C.T. regarding facilities and related issues in the newly constructed B.T. & C.T. type houses.

It was discussed in the B.T. & C.T. meeting that it may be a problem which is to be explored further and the same will be discussed in the next B.T. & C.T. meeting scheduled to be held on 22.07.2015. It was also decided that a copy of the report submitted by Prof. Srinivas, Head, B.T. & C.T. be distributed to all the members of the B.T. & C.T. Committee.

2. Discussion on report submitted by Prof. K. S. Srinivas, Registrar, B.T. & C.T. The matter will be fully explored in the next B.T. & C.T. meeting which will be held on 22.07.2015. It was also decided that a copy of the report submitted by Prof. K. S. Srinivas, Registrar, B.T. & C.T. be distributed to all the members of the B.T. & C.T. Committee.

3. To discuss the Master Layout Plan of B.T. & C.T.

It was discussed in the meeting that this can be deferred for the next B.T. & C.T. meeting which will be held on 22.07.2015. It was also decided that a copy of the Master Layout Plan submitted by Prof. Srinivas, Head, B.T. & C.T. be distributed to all the members of the B.T. & C.T. Committee and all the members of the B.T. & C.T. Committee will meet in the office of Prof. Srinivas, Head, B.T. & C.T. to discuss the Master Layout Plan and the same will be discussed in the meeting held on 22.07.2015.

4. Discussion on the report submitted by the committee constituted by B.T. & C.T. regarding widening of the newly constructed B.T. & C.T. type houses.

The report submitted by committee constituted by Prof. Srinivas, Head, B.T. & C.T. was discussed in the B.T. & C.T. meeting and it was decided that the same regarding widening of the newly constructed B.T. & C.T. type houses will be discussed in the meeting held on 22.07.2015.

5. Providing electricity to the Institute boundary for security purpose - regarding the location for the boundary wall that it to be constructed to separate B.T. & C.T. from the B.T. & C.T. campus.

The matter was discussed and it was decided that the B.T. & C.T. meeting will be held on 22.07.2015 to discuss the same and the same will be discussed in the meeting held on 22.07.2015.

6. To discuss the request received from the Librarian for the Construction of Library, Institute of Technology, Bangalore and Property Committee facilities for students.

The matter was discussed and it was decided that the same will be discussed in the meeting held on 22.07.2015. It was also decided that the same will be discussed in the meeting held on 22.07.2015.

The meeting was held on 15.07.2015 and the same was discussed in the meeting held on 22.07.2015.

7. To discuss the provision of wash rooms along motor gate situated at MIT, Kankshetra formerly Kankshetra University, Kankshetra.

It was resolved that a wash room at Kankshetra motor gate should be constructed. There is a requirement of wash room at Kankshetra University, Kankshetra gate. It was decided that a wash room be made at Kankshetra University, Kankshetra gate with the provision of wash room (bath & shower) at Kankshetra University, Kankshetra gate and provision of a wash room for students including service area. The expenditure for the condition be included in the estimate for the year 2004-05. The CPWD may accordingly be requested to take up the work and estimate for the condition of wash room along the motor gate.

8. To discuss regarding damaged outdoor lighting fixture at MIT, Kankshetra.

The matter was discussed and it was decided that a letter may be sent to the Chief Engineer and copy to the Chief Engineer, Kankshetra, regarding the provision of 2000 wattage outdoor lighting fixture, which was damaged by the students of the Society. It was also resolved that the amount of Rs. 2000/- be made to the CPWD for the provision of the same.

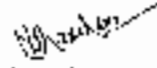
9. To discuss the request regarding burning lamp in the courtyard, dining hall, garden office and MBICA office in the days from June 1, 2 and 3 at MIT, Kankshetra.

The matter was discussed and it was resolved that a letter may be sent to the CPWD to submit the estimate for burning lamp in the courtyard, dining hall, garden office and MBICA office etc. in the days from June 1, 2 and 3 at MIT, Kankshetra.

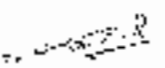
10. To discuss the request regarding the external boundary wall of the Institute for security & maintenance purpose - regarding the size (length & width) and length of the peripheral wall at MIT, Kankshetra.

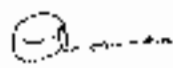
The item was discussed and it was resolved that the work be dropped for the time being.

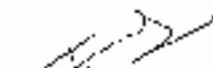
Meeting ended with thanks to all present.

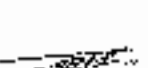

(Ishwar Singh)
Superintendent

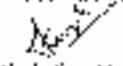

(B. V. Singh)
J. E. (C)

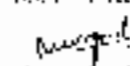

(S. K. Singh)
J. E. (C)

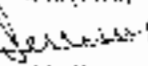

(S. K. Singh)
Prof. H. (C)

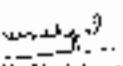

(S. K. Singh)
Prof. H. (C)


(S. K. Singh)
Prof. H. (C)

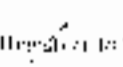

(S. K. Singh)
Dean (Estt.)

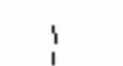

(S. K. Singh)
Prof. H. (C)

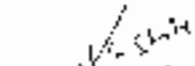

(S. K. Singh)
Prof. H. (C)

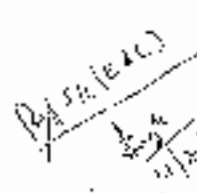

(S. K. Singh)
Dean (P & D) & Chairman (M. V.)

Submitted for approval to the P. & D. Officer, P. & D.


(S. K. Singh)


(S. K. Singh)


(S. K. Singh)


(S. K. Singh)

Subject: Minutes of meeting of Estate Affairs Committee held on 05.01.2016 in office of the Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 05.01.2016 at 10.30 am in office of the Dean (P&D) to discuss the various issues related to the Estate Section.

Following were present:

1. Prof. V.K. Selyal, Dean (P&D)	Chairman
2. Prof. Anu. Goyal, Dean (Estate)	Member
3. Prof. K.K. Singh, Prof. Civil Engrg. Deptt	Member
4. Prof. V.P. Singh, Prof. I/C (E&C)	Member
5. Dr. Samraj Chaudhary, Prof. I/C (EM)	Member
6. Dr. Anil Dahiya, Prof. I/C (H&L)	Member
7. Sh. S.N. Kaushik, A.E. (Civil)	Member & Convener
8. Prof. Purvesh Aggarwal, Prof. I/C (Security)	Special Invitee
9. Sh. Ishwar Singh, Superintendent	Special Invitee
10. Sh. Satinder Pal Singh, A.E. (Elect)	Special Invitee
11. Sh. Rajesh Kumar, I.E. (Civil)	Special Invitee
12. Sh. Rakesh Kumar, J.E. (Elect)	Special Invitee
13. Sh. Shubham Gupta, J.E. (Civil)	Special Invitee
14. Sh. Mawa Ram, J.E. (M)	Special Invitee

Dr. H.D. Chavak, Prof. I/C (S&C) could not attend the meeting.

Following issues were discussed and resolved as under:

- (i) (A) Action taken report of EAC meeting held on 14.10.2015
- (ii) Discussion on report submitted by Prof. Ashwani Jain - Regarding facilities and related issues in the newly constructed BT & CT type houses.
- (iii) Discussion on report submitted by Prof. K.S. Sandhu - Regarding Tariff Plan.

Prof. V.P. Singh, Prof. I/C (E&C) stated that the committee visited IIT, Delhi and discussed with the concerned officers/officials and were told that the Institute (IIT Delhi) pays all charges of common area in residences and even hostel, but no written documents were received as the concerned officers were on leave on that day. It was resolved that Prof. I/C (E&C), Prof. I/C (H&L) & Prof. I/C (EM) may again visit IIT, Delhi/ NIT to collect the relevant documents and submit report within 2-3 weeks.

- (iii) To discuss the Master Layout Plan at NIT, Kurukshetra.

It is a separate agenda item which was discussed in detail later in the meeting of 14.10.2015 as an agenda item no. 3.

- (iv) Discussion on the report submitted by the committee constituted by EAC - Regarding waiving off the penalty amount of lifts installed in Newly constructed BT & CT type houses.

The matter was discussed and resolved that the case is already referred to Legal Counsel of the Institute and a reminder to be sent to D.R. (GA&L). It was also discussed in the meeting that recommendations may also be sought from the Store Section regarding return of bank guarantee for the above said work to M/s. Balam Enterprises, Yamuna Nagar road, Jagadpur.

- (v) Providing concrete coil over the Institute boundary for security purpose - regarding demarcation for the boundary wall that is to be constructed to separate PWD colony from NIT Campus.

The consent has been received from Kurukshetra University Kurukshetra for concrete coil over the Institute boundary for security purpose through Executive Engineer vide letter no. 2719/XE- dated 28.12.2015. It was discussed and resolved that a reminder be sent to CPWD for re-tendering to expedite the above said work.

- (vi) To discuss a request received from the Librarian for Air Conditioning of Library, Expansion of Library Building and Property Counter facility for students.

This item was deferred for the time being in last Estate Affairs Committee meeting, held on 14.10.2015.

- (vii) To discuss the provision of wash room along main gate situated at NIT, Kurukshetra towards Kurukshetra University Kurukshetra.

It was discussed and resolved that provision of a WC seat located along WC seat (English) and two nos. urinal pots along the provision of drinking water facility be made by the Estate Section near Gate of NIT, Kurukshetra situated towards KHK. Since there is no sewerage line connection for water disposal, it has been proposed to provide septic tank or any other option. Hence an expert opinion to the septic tank or any other option may be sought from Prof. K.B. Pandey, Prof. Civil Engrg. Deptt.

(viii) To discuss regarding damaged Aviation Light in Mega Boys Hostel at NIT Kurnool.

An estimate of damaged Aviation Light in Mega Boys Hostel has been received from the Executive Engineer (Elect.), CPWD, Karnal vide letter no. 267/KC/EP/2015-16 dated 01.03.2016. It was resolved that a letter be written to Ch of Warden (Boys) for recovery from the students staying at that time in the hostel.

(ix) To discuss the request regarding furnishing floor mats in the common room, dining hall, warden office and MMCA office in the boys hostel no. 1-5 and Girls Hostel No. 1 at NITK.

The matter was discussed and decided that the estimate received from the Superintending Engineer (Civil), CPWD, Chandigarh vide letter no. 800/2015/NIT/3/288 dated 15.09.2015 be put up before the next meeting for further approval.

(x) Providing peripheral road around the external boundary wall of the Institute for security & maintenance purpose - regarding the site feasibility & total length of the peripheral road at NITK.

The matter was dropped for the time being in last Estate Affairs Committee meeting, held on 14.10.2015.

1 (B). Action taken report of EAC meeting held on 22.07.2015

(ai) (a) To discuss the request received from Chief Warden (Boys) regarding carrying out AMC of lifts & fire safety equipments for hostel no.-10 (VISVESVARAYA BHAWAN).

(b) Discussion on report submitted by Prof. Ashwani Jain - Regarding facilities and related issues in the newly constructed BT & CT type houses.

(c) Discussion on report submitted by Prof. K.S. Sandhu - Regarding Turf Plan. It was resolved that the same action will be taken as per item 1(i).

(aii) To discuss the request received regarding requirements of submersible pump and arrangement of the hydrant for the swimming Pool and for the sports ground.

The matter was dropped for the time being in last Estate Affairs Committee meeting, held on 14.10.2015.

(aiii) To discuss the request received from SAS officer regarding fencing on boundary wall of the swimming pool.

The matter was dropped for the time being in last Estate Affairs Committee meeting, held on 14.10.2015.

(xiv) Report of Committee of Solar Water heaters.

The matter was discussed and resolved that a letter be sent again to the agency to expedite the work so that the work be completed at the earliest.

(xv) Regarding decision about NIT Campus metering.

Discussed in agenda item no.-10(i) of EAC meeting held on 14.10.2015.

(xvi) Decision on correspondence made to the Estate Section for alteration in existing infrastructure of Computer Engineering Department - regarding.

The case was referred to D.R. (GA & Legal) to get the Legal opinion from the Legal Counsel of the Institute vide this office letter No. C/2506/93 dated 28.08.2015. It was also resolved that a reminder be sent to D.R. (GA & Legal) for the above said works.

(xvii) To inform for applicable labour licences and registration with ESIC, EPFO and BOCW Welfare Board.

The matter was discussed and resolved that a letter be sent to the Executive Engineer (Civil), CPWD, Karnal to submit the copy of labour licence and registration with ESIC, EPFO and BOCW Welfare Board of the concerned agency which are executing the on-going works and future works in the Institute.

(xviii & xix) To Discuss the Master Layout Plan at NITK.

Discussed as separate agenda item no.-2 of EAC meeting held on 14.10.2015.

(xx) Presentation on Kitchen Layout Plan of newly constructed 600 seater Girls Hostel.

The matter was discussed and resolved that the copy of observations reported by inspection committee which visited the site on 04.11.2015 be communicated to CPWD.

(xxi) Preparation of Institute Master Plan of NITK.

This item will be discussed in the next item no. 4 & 7 of this meeting (03.01.2016).

(xii) To discuss proposal and justification for expansion of Library Building and Air Conditioning received from Librarian.

The matter was discussed and resolved that space available be judiciously used.

(xiii) To discuss a letter received from the Architect, CPWD, Chandigarh regarding - Additional Examination Halls (413) at NITK.

Floor wise requirements of all the floors.

Number of examination halls with approximate area and seating capacity per examination hall.

Any other requirements such as staff room, store etc.

This item will be discussed in this meeting (03.01.2016) vide item no. 4 & 7.

(xiv) To discuss a letter received from Chief Warden (Boys) regarding alteration in the newly constructed 2 storeyed banner barracks comprising of 2 blocks to accommodate 96 learners at NITK.

The matter was discussed and resolved that the estimate received from the Executive Engineer (Civil), CPWD, Chennai, vide letter No. 201742/PS/CLD/2015/350 dated 28.11.2015 for an amount of Rs. 12,54,600/- be put up in the coming Board meeting as a separate item.

(xv) To discuss a letter received from General Secretary, Karamchhari Singh -- to extend the boundary wall of park near G-Type houses.

The matter was discussed and resolved that there is no need of extension of boundary wall.

(xvi) To discuss a revised cost estimate for 2 nos. main gates at NIT, Kurukshetra.

This item will be discussed at item no. 10 (i) of this meeting (03.01.2016).

(xvii) To discuss change of scope in work of HT/MT distribution and Bender PHases etc. in Residential Area at NIT, Kurukshetra.

- Also to decide the kWh meters specifications.

- Provision of online data of all the distribution system.

The matter was discussed in the meeting and resolved that a reminder be sent to CPWD to start the work as the A/A & E/S has already been conveyed to the Executive Engineer, CPWD for the above said work & work may be completed by March, 2016.

(xviii) Automation of water supply works related to filling of overhead tanks in campus.

The matter was discussed and resolved that the intermittent water supply scheme may be adopted in the campus. Hence the water supply from 10:00am to 11:00am, 03:00pm to 04:00pm would remain closed on trial basis for the time being. Further, it has been resolved that no water supply after 10:00pm.

(xix) DG Set installed at Hostel No-10.

It was discussed and resolved that the DG Set will be taken over by the Electrical Maintenance Section after the servicing of DG Set done by Hostel No.-10.

2. To discuss the recommendations regarding provision of security huts at various locations in the Institute.

Prof. BC (Security) apprised the house and then the matter was discussed and resolved that 2 nos. permanent huts & 6 nos. temporary huts be provided at various locations in the Institute (list enclosed) after obtaining the approval from the competent authority. The same be conveyed to Executive Engineer (Civil) CPWD, for execution of the work.

3. To discuss regarding Replacement/Reversing of Aluminium Wiring with Copper Wiring in Old Admin. Block at NITK.

The Prof. BC (EM) apprised the house that the layout of electrical re-wiring work is being executed by CPWD and tendering process is under way. As informed by CPWD the scope of this project should also include replacement of telephone and internet cabling within the old blocks. The committee recommended this proposal and decided that Prof. BC (CCN) and Prof. BC (Telephone) be asked to coordinate with Prof. BC (EM) in regard to this matter.

[Handwritten signatures and initials at the bottom of the page]

4. To discuss a letter received from the Architect, CPWD, Chandigarh regarding -
- Floor wise requirements of all the floors.
 - Number of examination halls with approximate area and seating capacity per examination hall.
 - Any other requirements such as staff room, store etc.
- Item was dropped for the time being.

5. To discuss a letter received from the Executive Engineer (Civil), CPWD, Karnal regarding - to approve the drawing of the drainage system at Kinnachi road gate side at NIT, Kurukshetra.

The matter was discussed and resolved that the work will be done at Institute level and same may be conveyed to the CPWD.

6. To discuss the matter regarding Water Audits by DQS India.

Water Audits by DQS India stated in their letter that: "Declaring water conservation a national mission in June 2002, the Prime Minister of India, appealed to all countrymen to collectively address the problem of planning progressive water shortage by conserving every drop of water and suggested for conducting water audit for all sectors of water use. Accordingly the matter was considered by the Committee and resolved that the intermittent water supply be made from 05.00am to 10.00am, 11.00am to 03.00pm, 04.00pm to 10.00 pm and remaining period i.e. 10.00am to 11.00am, 03.00pm to 04.00pm and after 10.00 pm water supply will be closed on trial basis. This system will be reviewed after one month and if successful then it shall be continued otherwise past practice will be continued. Accordingly all the residents of Institute Campus may be informed to cooperate in the matter after getting the approval from the competent authority.

7. To discuss the requirement for multi-storeyed (G+5) Mechanical Engineering Department for Master Layout Plan of NITK.

The matter was discussed and resolved that the requirements received from the various Departments be consolidated and a combined requirement be conveyed to the Chief Architect, CPWD, Chandigarh. Chief Architect may calculate the requirement as per norms i.e. National Building Code.

The decision regarding Multi-Storeyed Staff houses for G-type, DA and CC type houses be taken up after 7th pay commission guidelines / norms are received - implemented and the drawings submitted by Chief Architect, CPWD, Chandigarh may be taken up.

Multi-Storeyed (G+5) floor building be made in place of hostel No. 1 & 2 and other details as under:

- (i) Double Bedded rooms
- (ii) 2 blocks with the capacity of 500 students each.

8. (i) To Discuss request received from Vijay Kumar Bajpai, Prof. Mech. Engg. Deptt. - regarding chances of intrusion/theft through house no. BC-4 due to low height between BC-4 and BC-5.

- (ii) To discuss the request received from the residents of CC-1 to CC-12 - regarding Safety of CC-1 to CC-12 in the Campus.

- (iii) To discuss the letter received from Sh. Ram Kumar Tital, Chemistry Department regarding to increase heights and provide glass cullets on the fencing walls of CB-6.

- (iv) To discuss a letter received from General Secretary, Karamchhari Singh regarding

- Safety grills installed in all old houses.
- Upgrade the residential quarters i.e. (G, P, E, DB, DA, CC, CB and CA type).

The matter at sr. no. i, ii & iii was discussed and resolved that there would not be any increase in boundary wall height. However, glass cullets would be provided by the estate section. Further matter at sr. no. iv has been dropped.

9. To discuss the request received from the shopkeepers of G-Type market regarding to construct the toilet in G-Type market.

The matter was discussed and resolved that there is no need of separate wash room for shopkeepers & visitors. It was also decided that the shopkeepers & visitors may use toilet provided in existing huts being constructed by CPWD for security personnel near C-Type houses.

10. Any other item

(i) To discuss the revised cost estimate of 2 nos. Institute Main Gates submitted by Superintending Engineer (Civil), CPWD, Chandigarh for an amount of Rs. 177,74,000/-

The matter was discussed and resolved that the letter to CPWD to submit separate justification for revised cost estimate so that it may be put up before the H&WC meeting in its next meeting for further approval.

(ii) To discuss the revised cost estimate of 600 seater girls hostel (Multi storied) for internal & external water supply, sanitary installation, internal electrical installations, drainage & development of site at NITK for an amount of Rs. 47,46,52,700/-

The matter was discussed and resolved that letter be written to CPWD to submit separate justification for revised cost estimate so that it may be put up before the H&WC meeting in its next meeting for further approval.

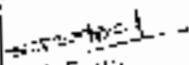
(iii) To discuss the cost estimate for providing micro cell polycarbonate panel sheet done over skylight in block no. 5, 7 and 9 in 600 seater girls hostel for an amount of Rs. 28,96,760/- to be included in the revised cost estimate recently submitted by Superintending Engineer (Civil), CPWD, Chandigarh for an amount of Rs. 47,46,52,700/-

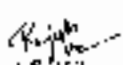
The revised cost estimate submitted by the Executive Engineer (Civil), CPWD, Karnal vide letter no. 20/142)ES/KCD/2015/2501 dated 28.11.2015 for providing micro cell polycarbonate panel sheet done in block no. 5, 7 and 9 in 600 seater girls hostel was discussed and it has been resolved that since it is a part of the building, it should be included in main CNIT at the time of tender. A separate A&A & E&S for this work has already been conveyed to CPWD to execute the work within sanctioned budget with a completion time of 1 building.

(iv) To discuss the request received from the Dr. Saurabh Chandra, Prof. Elect. Engg. Deptt., Dr. Praveen Aggarwal, Prof. Civil Engg. Deptt. & Dr. Anil Dahiya Prof. Elect. Engg. Deptt. for the provision of ramp for car parking in multi storied residential flats.

The matter was discussed and resolved that Estate Section will visit the site and suggest possible rectifications or alterations in the parking space, so that inconvenience faced by the students is avoided or minimized in parking their vehicles.

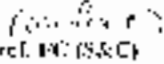
Meeting ended with thanks to the chair

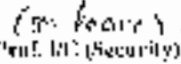

A.E. (E)

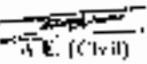

J.R. (F)

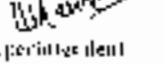

J.R. (C)

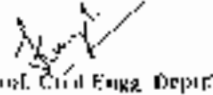

J.E. (F)

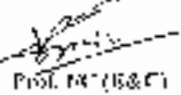

Prof. EC (S&C)

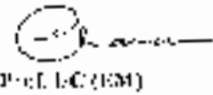

Prof. EC (Security)

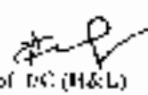

A.E. (Civil)

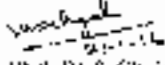

Superintendent

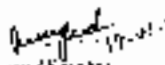

Prof. Civil Engg. Deptt.


Prof. EC (S&C)


Prof. EC (EM)

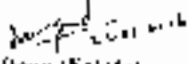

Prof. EC (H&L)


Dean (P & D) & Ch. In-charge (E&C)

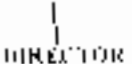

Dean (Estate)

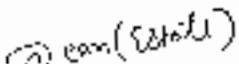
It is requested that above recommendations of Estate Affairs Committee may be approved please.

Submitted for approval please


Dean (Estate)


Registrar


DIRECTOR


Dean (Estate)

Item No.21.11 To consider and approve the cost estimate for providing Aluminum partitions with pre-laminated board both side decorative at all floors (ground floor, first floor & second floor) in newly constructed 3 Storey bearer barrack comprising of 2 Blocks to accommodate 96 bearers at NIT, Kurukshetra

The various requests were received from the mess workers through Chief Warden for alterations in the newly constructed 3 storeyed bearer barracks comprising of 2 blocks to accommodate 96 bearers from time to time. The request was put up before the Estate Affairs Committee meeting vide item no.-6 held on 14.10.2015 & the Estate Affairs Committee visited the site physically on 20.10.2015 and recommended that all partitions as purposed by Chief Warden (Boys) be provided of aluminium with pre-laminated board at all floors (ground floor, first floor & second floor) upto one feet below ceiling fan level. Accordingly, the Executive Engineer (Civil), CPWD was communicated vide this office letter no. CC/3506/147/6051 dated 18.11.2015 to provide the cost estimate for the work. The Executive Engineer (Civil), CPWD submitted a cost estimate vide letter no. 20(142)PS/KCD/2015/3501 dated 28.11.2015 for the above said work for an amount of Rs. 32,54,600/-. The same was putup before the EAC meeting vide item no.-6 held on 05.01.2016 and decided that the estimate be putp in the ensuing B&WC meeting.

It is therefore, requested that the B & WC may consider and accord approval for amounting to Rs. 32,54,600/- for providing Aluminum partitions with pre-laminated board both side decorative at all floors (ground floor, first floor & second floor) in newly constructed 3 Storey bearer barrack comprising of 2 Blocks to accommodate 96 bearers at NIT, Kurukshetra

By M. 586
Dated. 28/11/15

Speed post

By hand

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

संख्या- 20(142)/यो.शा.क.के.मं/2015/356*

दिनांक 28-11-2015

सेवा में,

The Dean,

PII (E&C)

NIT, Kurukshetra

Aug 28.11.2015
Pl. check as per the requisition
JE(C)-I/JEC-I 28/11/15

विषय : Providing aluminum with pre-laminated board both side decorative at all floors (ground floor, first floor & second floor) in the newly construction 3 storeyed bearer barracks comprising of 2 blocks to accommodate 96 bearers at NIT, Kurukshetra.

संदर्भ:- आपके कार्यालय का पत्र सं० CC/3506/147/6051 Dated 18.11.2015.

महोदय,

उपरोक्त कार्य का प्रारम्भिक प्राक्कलन जिसकी लागत रुपये 32,54,600/-

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

Serial - 1487/2014
Project - K-16651

Division - KARNAL CENTRAL
Sub-Division - KARNAL CENTRAL

Name of Work :- Providing masonry with pre-laminated board both side decorative at all floors (ground floor, first floor & second floor) in the newly construction 3 storied boarder barracks comprising of 2 blocks to accommodate 96 bidders at NIT, Kurukshetra.

Major Head	Minor Head	Detailed Head
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This estimate has been framed by Er. Varun Kumar, Executive Engineer, Karnal Central Division, CPWD, Karnal for Rs. 32,54,600/- i/c 5% contingencies.

REPORT

History	This detailed and preliminary estimate amounting to Rs. 32,54,600/- i/c 5% contingencies has been framed to cover the probable cost of the above mentioned work for record of A/A & E/S by the competent authority. The requisition has been received vide letter No. CC/3506/147/6051 Dated 18.12.2013. Hence this estimate has been framed.
Design	Following Provis on has been made in this estimate. 1. Half brick masonry with cement and clay F 2 S. (non modular) 2. Providing and fixing ISI marked aluminium bad hinges as desired. 3. Powder coated aluminium (minimum thickness of powder coating 50 micron). 4. For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision. 5. Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS 13873. 6. Providing and applying Girth putty @ 4.50 Kg/10 sqm over plastered surface to prepare the surface even.
Specification	CPWD Specification 2009 vol. I & II with updates correction slips
WC Establishment	Shall be met out of contingencies
T. & P.	Shall be arranged by the contractor
Land	Available
Rate	DSR 2014 with update correction slips
Method	Through contract after call of tenders
Time	02 Months
Cost	Rs. 32,54,600/- i/c 5% 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)

7.

The Client,
MIT, Mysore-575 004

Subject: Execution of Deposit works.

Providing addition with pre-finished board both side decorative at all floors (ground floor, first floor & second floor) in the newly constructed 3 storied mess hall barracks comprising of 2 blocks to accommodate 96 messers at MIT, Kuvempur, (Further to para of work)

The above work can be taken up by the CPWD as a Deposit work under Para 113-119 of CPWD Code, subject to the following.

1. The estimated cost of work as worked out by CPWD including contractual 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 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 execution 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 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 additional 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 take 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 burs 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 land from the concerned electricity board/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,
Karnataka Central Division,
CPWD, 448, Subhash Colony
KARNATAKA-575 004 (Hwy.)

Original Estimate

name of Works- Providing aluminium with pre-laminated board both side decorative at all floors (ground floor, first floor & second floor) in the newly construction 3 storeyed bearer barracks comprising of 2 blocks to accommodate 96 bearers at NIT, Kurukshetra.

Sl. No.	DSR No.	Description	Qty	Unit	Rate	Amount
1	6	BRICK WORK				
1.1	6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
1.1.1	6.13.2	Cement mortar 1:4 (1 cement :4 coarse sand)	42	sqm	665.80	27964.00
		Sub Total				27964.00
2	9	WOOD AND P.V.C. WORK				
2.1	9.95	Providing and fixing ISI marked aluminium door hinges anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete:				
2.1.1	9.95.1	100x75x4 mm	216	each	93.10	20110.00
2.2	9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
2.2.1	9.96.1	300x16 mm	72	each	229.65	16535.00
2.3	9.97	Providing and fixing aluminium lower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
2.3.1	9.97.1	300x10 mm	72	each	112.10	8071.00
2.3.2	9.97.2	200x10 mm	72	each	79.25	5706.00
2.4	9.1	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
2.4.1	9.1.1	25 mm	144	each	69.80	10051.00
2.5	9.1.1	Providing and fixing aluminium latching floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
2.5.1	9.1.1.1	Twon rubber stopper	72	each	83.95	6044.00
		Sub-Total				66517.00
3	13	FINISHING				
3.1	13.1	12 mm cement plaster of mix :				
3.1.1	13.1.1	1:1 (1 cement :4 fine sand)	66	sqm	163.35	10781.00
3.2	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
3.2.1	13.2.1	1:4 (1 cement :4 fine sand)	60	sqm	189.40	11364.00

	13.42	Fast opening with 1st quality acrylic distemper (poly) in seal of approved manufacturer, of required shade and colour complete as per manufacturer's specification				
3.3.1	13.42.1	Two or more coats on new work	117	sqm	70.65	5926.00
		Sub Total				28071.00
4	15	DISMANTLING & DEMOLISHING				
4.1	15.7	Demolishing brick work manual &/ by mechanical means involving stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge				
4.1.1	15.7.1	In cement mortar	4.5	cum	754.191	3392.00
		Sub Total				3392.00
5	21	ALUMINIUM WORK				
5.1	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 713 and IS: 1255, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mixed and jointed mechanically wherever required including clear angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge (Glazing, paneling and dash fasteners to be paid for separately):				
5.1.1	21.1.1	For fixed portion				
5.1.1.1	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	3600	kg	377.75	1359900.00
5.1.2	21.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fixings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
5.1.2.1	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	1760	kg	435.75	549045.00
5.2	21.2	Providing and fixing 12 mm thick prefabricated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type 1, as well as fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-charge.				
5.2.1	21.2.2	Prefabricated particle board with decorative lamination on both sides	510	sqm	1089.75	555773.00
		Sub Total				2464718.00
5.3	50	N S R				

50.11 Providing and applying Bitu. poly @ 4.80 Kg/10 sqm				
(over) waste of surface to prepare new surface even and				
smooth compactness per the Direction of Engineer-in-				
Charge	117	sqm	29.40	3440.00
Sub Total				3440.00
Total				2594103.00
Add Cost Index @ 3.81% (On Estimate Total				98825.00
2,594,103.00 ;				2692938.00
Total				2692938.00
Add Labour Cost @ 1%				26929.38
Add Van @ 2%				53859.00
Add Service Tax @ 5.00				150805.00
Add EPF & ESI @ 6.50%				175041.00
Total				3099572.00
Add Contingencies @ 5%				154979.00
Total				3254551.00
Qty				32,54,600/-



ASSISTANT ENGINEER (P)

EXECUTIVE ENGINEER
KARNAL CENTRAL DIVISION
CPWD, KARNAL.

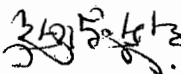
संयुक्त कर्मचारी संघ

राष्ट्रीय प्रशासकीय संस्थान केंद्रक्षेत्र (हरियाणा)

(राष्ट्रीय महत्व का संस्थान)

संबंधित सर्व कर्मचारी संघ, हरियाणा

कार्यालय : होटल नं. 4, एन.आई.टी. कुरुक्षेत्र

प्रमाणित :-  सहायक निदेशक

पता : नं. 3

दिनांक : 9-2-2015

संघ

श्री माता जी काशी विश्वविद्यालय
नं. 3, आई.टी. कुरुक्षेत्र

पंजीकृत

श्री माता जी काशी विश्वविद्यालय
नं. 3, आई.टी. कुरुक्षेत्र

श्री माता जी काशी विश्वविद्यालय
नं. 3, आई.टी. कुरुक्षेत्र

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श्री माता जी काशी विश्वविद्यालय
नं. 3, आई.टी. कुरुक्षेत्र

continued from p. 10-2-8.

Keeping in view of percentage
 if agreed may be allowed
 to put up before EAC in its remaining months

18/2/15 18/2/15

Dear Sir,

CW (Bop) is also added to the EAC meeting documents

18/2/15

18/2/15 18/2/15

A meeting of Estate Affairs Committee was held on 27.01.2015 at 10.30 am in
the office of the Dean (P & D) at NIT, Kanchi. The members present were as follows:

Following were present:

- | | |
|---|-----------------|
| 1. Prof. V.K. Sengal (Chairman) | Chairman |
| 2. Prof. R.K. Singh, Dean (P&D) | Member |
| 3. Prof. Anil Gupta, Prof. Dr. H.V. | Member |
| 4. Dr. Anil Dabera, Prof. Dr. H.V. | Member |
| 5. Prof. V.P. Singh, Chief Warden (Boys) | Special Invitee |
| 6. Sh. S.N. Koushik, Asst. Engineer (Civil) | Special Invitee |
| 7. Sh. Lali Kumar, I.E. (Boys) | Special Invitee |
| 8. Sh. Sankar Pal Singh, I.E. (Boys) | Special Invitee |
| 9. Sh. Muraliham I.E. (Girls) | Special Invitee |

Prof. V.K. Sengal, Prof. Dr. H.V. & Dr. Sankar Pal Singh, Prof. Dr. H.V. could not
attend the meeting.

Following issues were discussed and resolved as under:

1. Finalization of allocation of 500 seater multi-purpose boys hostel including
100 seats for D.D. students, research scholars and sponsored PG students at
NIT, Kanchi.

The layout was submitted by the Chief Architect, CWC (copy letter No. CWC/NP
102/2015, dt. 24.01.2015) of the above mentioned hostel (copy enclosed) was
discussed in the presence of Mr. D.S. Kishor, Assistant Engineer (Civil), CWC. The
Committee discussed this layout and the hostel as per drawing No. CWC/NP
102/2015/681 was recommended to start the construction of same immediately.

2. Request received from the bearers through Chief Warden (Boys) regarding -
alteration in the newly constructed 3 storied bearer barracks comprising of
2 blocks to accommodate 56 bearers at NIT, Kanchi.

The matter was discussed in detail with the Chief Warden (Boys) and it was recommended
that a request be sent to the Dean (P&D) from Chief Warden (Boys) for alteration in the
second floor of the newly constructed 3 storied bearer barracks. Accordingly a letter
vide no. CWC/NP/2015/552 dated 29.01.2015 received from the Chief Warden (Boys) in
which it is stated that "Two small blocks to be assigned one side and the side walls (approx.
3 feet) of the block to be raised upto the ceiling, new doors be provided at the front by
removing the front wall (approx. 2 feet) up to beam height and also a passage be provided in
the existing intermediate wall of the block" (copy enclosed). The expenditure to be
incurred for these additional alterations as estimated and included in the next financial year.
It was also decided that for the time being newly constructed 2 storied bearer barracks
comprising of 2 blocks to accommodate 56 bearers be taken over by the Chief Warden
(Boys) and the first & second floor of the building be allotted to the bearers at the hostel.

The meeting ended with thanks to Shri.

(Sankar Pal Singh)
J.E. (Boys)

(Sankar Pal Singh)
J.E. (Boys)

(Muraliham)
J.E. (Boys)

(Anil Gupta)
Prof. Dr. H.V.

(Anil Gupta)
Prof. Dr. H.V.

(S.N. Koushik)
A.E. (Civil)

(R.K. Singh)
Dean (P&D)

(V.K. Sengal)
Dean (P & D) & Chairman EAC

Registrar

Director

(Signature)
14/1/15

(Signature)
15/1/15

(Signature)
15/1/15
(Signature)
15/1/15
(Signature)
15/1/15

OFFICE OF THE CHIEF WARDEN
NATIONAL INSTITUTE OF TECHNOLOGY

KURUKSHETRA-136719

Ph. 01748-23260, 233484 (O)

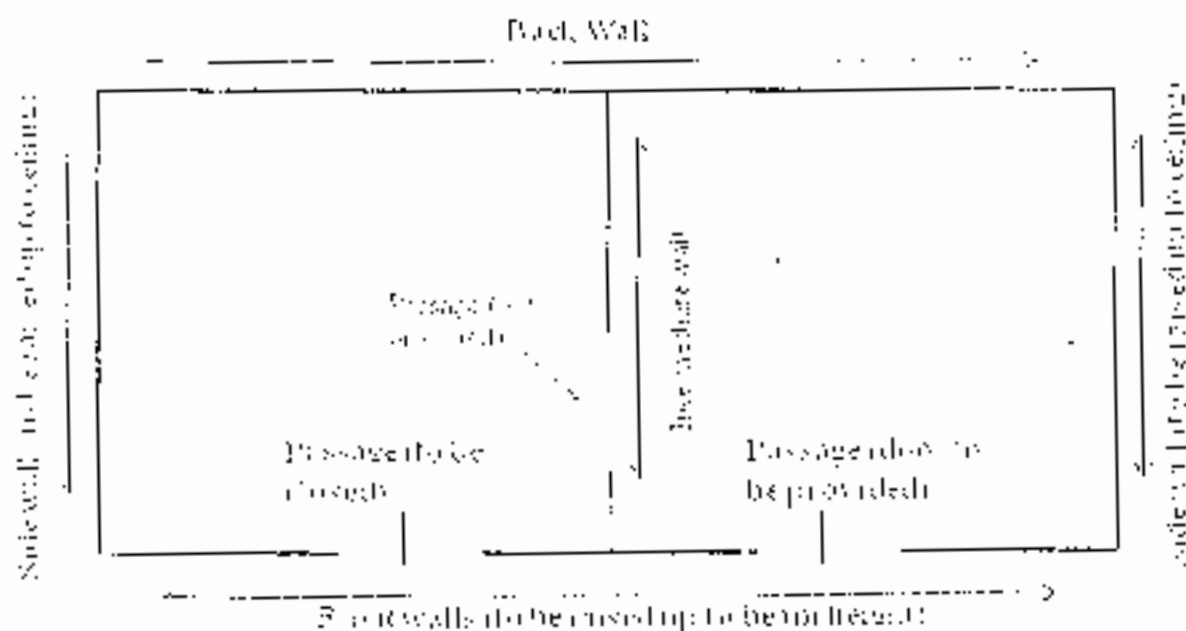
No. CW/VDG/57562

Dated: 05.04.2015

Kindly make the changes in the new & constructed building & wings as mentioned below.

Two small blocks to be merged into one and the side walls (approx. 3 feet) of the block to be raised up to the ceiling.

One door to be provided in the room by raising the front wall (approx. 3 feet) up to beam height. Also a passage to be provided in the existing intermediate wall of the blocks.



[Signature]
Chief Warden-in-charge

Dear, Estate

[Signature]

-136-

OFFICE OF THE CHIEF WARDEN
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119
Ph: 01744-25249, 2735-4163

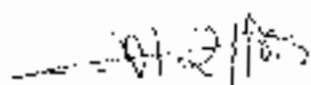
13/01/2015

Dated: 13/01/2015

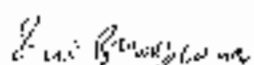
This is with reference to your letter no. CUAS06846 dated 16/11/2014 regarding newly constructed 3-storied barracks. A representation has been received from the workers regarding the alterations in newly constructed 3-storied barracks. They want that alterations as suggested by CW and D.W. should be done in all barracks. They are not willing to occupy the barracks.

The original committee consisting of CW (Pres.), CFe (Genl.), D.W. (Pres.) and C.W. (Genl.) visited the barracks and felt that alterations should be made in the floors of 1st and 2nd instead of ground only.

You are requested to make alterations, if it cannot possibly so that the building can be kept safe.



Chief Warden in charge



Union State

13/1/15

**OFFICE OF THE CHIEF WARDEN
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA 136119
PH: 0174 241813**

Sl. No. S-2015/11

Date 18/05/2015

A meeting of the Chief Warden, Boys and Girls with the representatives of the mess committees held on 08/05/2015 to discuss various issues raised by them and to take necessary action. After due deliberations the following decisions were taken:

- 1. A gratuity given by the Institute staff upon the termination of the workers' services would be carried out within 5 months.

The Dearness Allowance has been increased from Rs. 500 to 760 each month and Dear Pay Allowance from Rs. 1000 to 1425/- each.

- 2. House allowance has been increased from Rs. 150 to 200/-.

- 3. Electricity allowance has been increased from Rs. 50 to 120/-.

The salary of contractual workers has been increased by Rs. 300/-.

- 4. Mess canteen cost per student will be increased from Rs. 50 to 100/- w.e.f. July 2015.
- 5. Workers will be given 15 months salary on retirement.
- 6. Workers will be given 17 days salary as gift salary in month of June.
- 7. In case of death of any employee's one year salary or Rs. 75000 whichever is higher will be given as compensation.

The following decisions will be applicable from June 2015 except item no. 6.

W. in charge, Boys

Chief Warden
18/5

Copy to:

- 1. Messes, all levels
- 2. Warden Boys and Girls

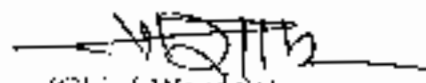
OFFICE OF THE CHIEF WARDEN
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119
Ph: 01744-233249, 233454

No. CW/V/2015/605

Dated: 06.08.2015

Reminder

This is with the reference to letter no. CW/V/2015/552 dated 09.04.2015 and subsequently CW/V/2015/556 dated 17.04.2015 regarding to make the alteration in all floors in the newly constructed building for mess workers. You are requested to make alteration at the earliest possible so that the building can be taken over.


(Chief Warden)

Dean, Estate

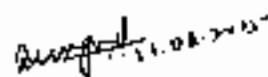
Prof. Y.C. (EAC)


10/8/15

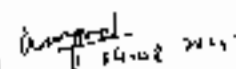
Copy to

Dean (EW)

AE (Unit)

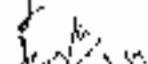

11.08.2015

Keeping in view of above, may it be allowed to put up before EAC in its ensuing meeting for further decision on the matter.

Prof. Y.C. (EAC) 
Dean (Estate)


12/8/15

You are requested to take over the building as decided in EAC meeting of 29/8/15.


29/8/15

EAC meeting was held on 27.3.15 in which
CW boys was the special invitee. A decision was taken
to make alteration in ground floor in newly constructed
building for mess workers. After that a representation from
mess workers was received (copy to Dean estate) regarding the
alteration in all floors. The same was conveyed to you
vide letter no: CW/V/2015/556 dt. 17.4.2015.

They also started agitation in 1st week of May, 2015, in which
one of the major demand was the alteration in all floors, so that
they will not occupy the newly constructed barracks.

In order to avoid the further confrontation with mess workers
and to ensure the smooth functioning of hostels you are
requested to make the alterations in all floors instead of
ground floor.

As suggested by Prof. in charge (EAC) kindly put up the matter
before EAC upcoming meeting for further consideration.

Dean (estate)

V. J. M.
24.8.15

Dean (P&D)

Push
28/8/15

EAC meeting may be convened on 04.09.15 at

3:45 PM.

unshy
31.08.15

Dean (Estate)

मैस कल्याण कर्मचारी संघ

राष्ट्रीय प्रौद्योगिकी संस्थान कुरुक्षेत्र (हरियाणा)
(राष्ट्रीय महत्व का संस्थान)

संबंधित सर्व कर्मचारी संघ, हरियाणा

कार्यालय : होस्टल नं. 4, एन.आई.टी. कुरुक्षेत्र

स्थान :- 21/07/2015
पता :- 131001, कुरुक्षेत्र

महासचिव :- मेघ सिंह
पता :- 131001, कुरुक्षेत्र

क्र. संख्या MKKS/NITK/08/2015

दिनांक 26-08-2015

सेवा में

श्री मान, डीन/स्टेट
राष्ट्रीय प्रौद्योगिकी संस्थान
कुरुक्षेत्र हरियाणा

AE (G.W.) 26/08/2015
may pl. be allowed to put up
before EAC for decision
on the matter
26/08/2015

THROUGH:- CHIEF WARDEN BOYS HOSTEL N.I.T KURUKSHETRA

विषय:- निर्माणधीन तीन मंजिला इमारत को सुधारने के संदर्भ पत्र :-

महोदय जी,

आप से निवेदन इस प्रकार है की दिनांक 26-08-2015 को मैस कल्याण कर्मचारी संघ एन. आई. टी. कुरुक्षेत्र की महासभा की एक बैठक विशेषकर कमरों के सम्बन्ध में की गई थी जिसमें संघ के सभी सदस्यों ने प्रधान भाग सिंह व महासचिव मेघ सिंह बगियाल की संयुक्त अध्यक्षता में सर्व सम्मति से अपनी स्वीकृत व लंबित मांगों पर निर्णय लिया है जो निम्न प्रकार से है।

1. निर्माणधीन तीन मंजिला इमारत में जो कमरे बने हैं कृपा करके उन्हें पारवारिक/आवासीय कमरों की भांति बनाने की कृपा करें।
2. सभी मैस कर्मचारियों के लिए वर्ष 1999 से कमरों की मांग को तीन मंजिला इमारत बनने के बाद भी समस्या अधूरी है, कृपा करके अन्य कमरों की स्वीकृति भी शीघ्र की जाये।
3. NITK प्रशासन/छात्रावास प्रशासन के पत्र संख्या CWG/SS/2015/011(दिनांक 18-05-2015) को उपरोक्त विषय पर शीघ्र काम चालू करने की कहा गया था परन्तु अभी तक काम चालू नहीं हुआ है कृपा करके काम को अति शीघ्र कराया जाये।
4. बढ़ती महंगाई के कारण जो कर्मचारी कमरा से संबंधित है वहां बिजली पर रहते हैं। और वह मैस कर्मचारी कम वेतन के कारण बिजली भी नहीं दे सकते हैं।

मैस कल्याण कर्मचारी संघ

राष्ट्रीय प्रौद्योगिकी संस्थान कुरुक्षेत्र (हरियाणा)

(राष्ट्रीय महत्व का संस्थान)

संबंधित सर्व कर्मचारी संघ, हरियाणा

कार्यालय : होस्टल नं. 4, एन.आई.टी. कुरुक्षेत्र

प्रवात :-

पता :-

महसचिव :-

पता :-

संख्या

दिनांक

5. किराये पर रहने वाले मैस कर्मचारियों को अपने बच्चों की शिक्षा और अपनी इयूटी पर सहो समय पर ना पहुंचना आदि समस्याओं से जूझना पड़ता है।

महोदय जी संघ कि उपरोक्त विषय की मांग उचित है इन समस्याओं से कर्मचारी कई वर्षों से परेशान है। अतः महोदय जी आप से विन्यति है कि हमारी उपरोक्त मांग को शीघ्र पूरा करने की कृपा करे, संघ आपका बहुत-बहुत आभारी रहेगा।

धन्यवाद :-



कोषाध्यक्ष

(दर्शन लाल)



प्रतिलिपि प्रेषित:-

1. मानव संसाधन विकास मंत्रालय भारत सरकार दिल्ली
2. निदेशक महोदय राष्ट्रीय प्रौद्योगिकी संस्थान कुरुक्षेत्र
3. डीन (SW) राष्ट्रीय प्रौद्योगिकी संस्थान कुरुक्षेत्र
4. प्रोफेसर इन-चार्ज (Estate) राष्ट्रीय प्रौद्योगिकी संस्थान कुरुक्षेत्र
5. चीफ वार्डन महोदय (Boys & Girls Hostel) एन आई.टी. कुरुक्षेत्र
6. सर्व कर्मचारी संघ कुरुक्षेत्र/हरियाणा

Subject: Minutes of meeting of Estate Affairs Committee held on 14.10.2015 in office of the Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 14.10.2015 at 03.30 p.m. in office of the Dean (P&D) to discuss the various issues related to Estate Section.

Following were present:

1	Prof. V.K. Sehgal, Dean (P&D)	Chairman
2	Prof. A.K. Singh, Dean (Estate)	Member
3	Prof. Arun Goel, Prof. IC (S&C)	Member
4	Prof. V.P. Singh, Prof. IC (S&C)	Member
5	Dr. Sanjay Chandra, Prof. IC (EM)	Member
6	Dr. Anil Dahiya, Prof. IC (H&L)	Member
7	Prof. V.P. Singh, Chief Warden (Boys)	Special Invitee
8	Sh. S.N. Kaushik, Asst. Engineer (Civil)	Special Invitee
9	Sh. Ishwar Singh, Superintendent	Special Invitee
10	Sh. Satinder Pal Singh, A.E. (Elect.)	Special Invitee
11	Sh. Rajesh Kumar, J.E. (Civil)	Special Invitee
12	Sh. Rakesh Kumar, J.E. (Elect.)	Special Invitee
13	Sh. Shubham Gupta, J.E. (Civil)	Special Invitee

Sr. Mawa Ram, J.E. (M) could not attend the meeting.

Following issues were discussed and resolved as under:

I. Action taken report of EAC meeting held on 15.07.2015

(i) Discussion on report submitted by Prof. Ashwani Jain - Regarding facilities and related issues in the newly constructed BT & CT type houses.

(ii) Discussion on report submitted by Prof. K.S. Soodhu - Regarding Tariff Plan. It was discussed in the meeting and resolved that a committee consisting of Dr. Sanjay Chandra, Prof. IC (EM), Prof. V.P. Singh, Prof. IC (S&C) & Prof. Anil Dahiya, Prof. IC (H&L) will visit any nearby NIT/IIIT to collect the documents regarding the charges of AMC of lifts, electricity charges of common area, charges of horticulture activity and other services from the residents of multi-storied building and from the students residing in their hostels.

(iii) To discuss the Master Layout Plan at NIT, Kurukshetra.

It is a separate agenda item, which was discussed in detail later in the meeting of 14.10.2015 as an agenda item no.7.

(iv) Discussion on the report submitted by the committee constituted by EAC Regarding waving off the penalty amount of lifts installed in Newly constructed BT & CT type houses.

The matter was discussed and resolved that the case is already referred to Legal Counsel of the Institute.

(v) Providing concertina coil over the Institute boundary for security purpose - regarding demarcation for the boundary wall that is to be constructed to separate PWD colony from NIT Campus.

The EAC visited the site physically on 20.10.2015 with Prof. V.K. Sehgal, Chairman (EAC), for demarcating the boundary between PWD areas and NIT Campus and recommended suitable fencing to this effect be carried out. The committee further recommended that the existing boundary wall of XJK side may be strengthened by concertina coil from G type houses to Swimming Pool from the security point of view. In this regard, a letter be written to Registrar, Kurukshetra University Kurukshetra to get their consent.

(vi) To discuss a request received from the Librarian for Air Conditioning of Library, Expansion of Library Building and Property Counter facility for students.

Item was deferred for the time being.

(vii) To discuss the provision of wash room along main gate situated at NIT, Kurukshetra towards Kurukshetra University Kurukshetra.

Item was deferred for the time being.

(viii) To discuss regarding damaged Aviation Light in Mega Boys Hostel at NIT Kurukshetra.

It was discussed in the meeting and resolved that a letter be written to the Executive Engineer (Elect.), PWD, Kurukshetra for making the actual expenditure for replacement of damaged aviation lights and the same may be communicated to the Chief Warden (Boys) so that the necessary cost be made from the students staying at that time in the hostel.

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- (iv) To discuss the request regarding furnishing floor with tiles in the common room, dining hall, warden office and MICA office in the boys hostel no. 1-5 and Girls Hostel No. 1 at NITK.

The matter was discussed and decided that the work be executed by CPWD.

- (x) Providing peripheral road around the external boundary wall of the Institute for security & maintenance purpose - regarding the site feasibility & total length of the peripheral road at NIT, Kuvempu.

Item was dropped for the time being.

2. Action taken report of FAC meeting held on 22.07.2015

- (xi) (a) To discuss the request received from Chief Warden (Boys) regarding carry out AMC of lifts & fire safety equipments for the hostel no.-10 (VISHVESVARAYA BHAWAN).

Letter is already sent by Chief Warden to Director & they will take the decision on their own level.

- (b) Discussion on report submitted by Prof. Ashwani Jain - Regarding facilities and related issues in the newly constructed BT & CT type houses.

- (c) Discussion on report submitted by Prof. K.S. Santhia - Regarding Tariff Plan. It was already resolved at (b) & (c) of agenda item No. 1 as above.

- (xii) To discuss the request received regarding requirements of submersible pump and arrangement of the hydrant for the swimming pool and for the sports ground.

Item was dropped for the time being.

- (xiii) To discuss the request received from SAN officer regarding fencing on boundary wall of the swimming pool.

Item was dropped for the time being.

- (xiv) Report of Committee of Solar Water heaters.

The action taken in this matter could not be discussed due to lack of time and the same would be discussed in the forth coming meeting.

- (xv) Regarding decision about NIT Campus metering.
Discussed in agenda item no. 9.

- (xvi) Decision on correspondence made to the Estate Section for alteration in existing infrastructure of Computer Engineering Department -- regarding.
The case was referred to D.R. (GA & Legal) to get the Legal opinion of the Legal Counsel of the Institute vide this office letter No. CC/3506/90 dated 28.08.2015.

- (xvii) To inform for applicable labour licences and registration with ESIC, EPFO and BOCW Welfare Board.

Consent on behalf of the institute was sent to Executive Engineer (Civil) CPWD, Kuvempu vide this office letter No. CC/3506/91/4/41 dated 11.08.2015 and a reminder may be sent again to expedite the matter for on-going & future works.

- (xviii & xix) To Discuss the Master Layout Plan at NITK.
Discussed as separate agenda item no.-3.

- (xx) Presentation on Kitchen Layout Plan of newly constructed 600 seater Girls hostel.

The matter was discussed in FAC meeting and feed back was given to CPWD during the presentation.

3. To discuss the Master Layout Plan at NIT, Kuvempu.

The matter was discussed and the plan was studied and some additions were made, demolished and the new multi-storeyed buildings to be constructed in future. In view of the above the following decisions were made:

- The Boys Hostel No. 1 will be phased out and the planning for the provision of new multi-storeyed (10-15) hostel of double capacity in place of demolished hostel shall begin in first phase.

- G-type houses will be phased out on priority and DA & VC type houses will be constructed later. The planning for the provision of new multi-storied (G+3) staff quarters in the respective places shall begin in first & second phase respectively. It was further decided that the houses shall be limited to only two categories.
- Mechanical Engineering Department will be phased out and planning started. Phase II place of building of Mechanical Engineering Department it was also decided that the building should be multi-storied (G+3).
- Provide space for a park of approximately 1 acre near the Sewage Treatment Plant.
- Softening provision of rain harvesting system near all old or new buildings.
- Sufficient provision of storm water drainage in campus.
- The above decision was taken after keeping in mind the increase in intake of students in next 20 years.

4. To discuss proposal and justification for expansion of Library Building and Air Conditioning received from Librarian.

Item was dropped for the time being.

5. To discuss a letter received from the Architect, CPWD, Chandigarh regarding Additional Examination Halls (G+3) at NITK.
- Floor wise requirements of all the floors
 - Number of examination halls with approximate area and seating capacity of examination hall.
 - Any other requirements such as staff room, store etc.

Item was dropped for the time being.

6. To discuss a letter received from Chief Warden (Boys) regarding alteration in the newly constructed 3 storied bearer barracks comprising of 2 blocks to accommodate 96 bearers at NITK.

The matter was discussed and resolved that the EAC will visit the site physically on 29.10.2015 and suggest the required alterations. Accordingly, Estate Affairs Committee visited the site and recommended that all partitions as proposed by Chief Warden (Boys) (copy enclosed) be provided of aluminium with pre-laminated board at all floors (ground floor, first floor & second floor) upto one foot below ceiling line level. Accordingly, CPWD may be communicated to provide the cost estimate for the above said work and this amount will be included in the revised cost estimate of work as cited in the subject.

Further, required alteration in the electrical wiring work will be done by Chief Warden office at their own level.

7. To discuss a letter received from General Secretary, Kurukshetri Sangh -- to extend the boundary wall of park near G-Type houses.

Item was dropped for the time being.

8. To discuss a revised cost estimate for 2 Nos. Main Gates at NIT, Kurukshetra.

The matter was discussed and resolved to write a letter to CPWD for providing a justification regarding increase in cost estimate from Rs. 82.09 lacs to Rs. 1,72,74,000/- received from the Superintending Engineer (Civil, CPWD), Chandigarh - by letter No. CCC/2J(4515/N-3/ 2550 dated 21.08.2015. Further, it was also resolved that CPWD will provide a copy of DMT before calling the tender for future work. CPWD be asked to take prior approval from NIT, Kurukshetra, if any item is deleted/added in the DMT.

9. To discuss change of scope in work of HT/LT distribution and Feeder Pillars etc. in Residential Area at NIT Kurukshetra.

Also to decide the kWh Meters specifications.

- Provision of online data of all the distribution system.

A letter received from Executive Engineer (Elect), CPWD regarding change in scope of work of HT/LT Distribution and Feeder Pillar etc. in residential area at NIT Kurukshetra was discussed in the meeting. The committee approves the proposed change in scope of work i.e. "not to install transformers and addition of lighting poles, fixtures and metering system".

Further, the committee suggested that following instructions be communicated to CPWD regarding metering infrastructure to be installed in institute campus.

- All meters should conform to CERC Metering Regulations.
- All meters should be sealed and have an integral CTs.
- All meters should be ISI marked and have accuracy class 0.5 or better.
- All meters should be capable of integrating with an online metering software and a type of a reliable data like energy consumed, maximum demand, power factor etc. to be recorded in the software.

4. A computer based software solution for billing and energy management should also be provided.

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Further, the committee also recommends that in order to promote energy efficiency and restrict wasteful use of electricity, it is desirable to monitor the consumption pattern of individual departments/sections of the Institute. CPWD is asked to identify the metering points for above purpose and include the provision of meters and associated H/W and S/W in the scope of work in L.T. distribution and Feeder Pillars etc. in Residential Area at NIT Kanchi.

10. Any other items

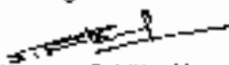
(i) Automation of water supply works related to filling of overhead tanks in campus.

The matter was discussed and resolved that the work may be taken up in future.

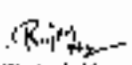
(ii) DG Set installed at Hostel No.-10

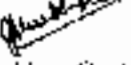
DG Set installed at Hostel no.-10 be handed over to Electrical Maintenance Section for taking care of its maintenance and operation. Energy meter be installed at the DG Set vehicle. The consumed units will be charged from the hostel.

Meeting ended with thanks to the chair


(Satinder Pal Singh)
A.E. (E)


(Rajesh Kumar)
J.E. (E)

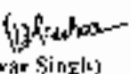

(Rajesh Kumar)
J.E. (C)

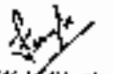

(Shubham Gupta)
J.E. (C)


(Saurabh Chandra)
Prof. EC (EMI)

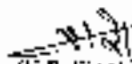

(Anil Dabhi)
Prof. EC (H&L)


(S.N. Kumbhar)
A.E. (Civ)

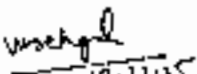

(Ishwar Singh)
Superintendent

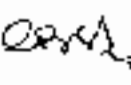

(K.K. Singh)
Dean (Estate)

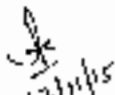

(Arun Goel)
Prof. EC (E&C)

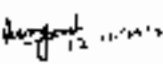

(V.P. Singh)
Chief Warden


(V.P. Singh)
Prof. EC (S&C)

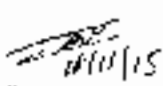

(V.K. Sehgal)
10.11.15
Dir. (P & D) & Chairman (EAC)

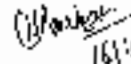
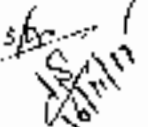
Registrar EC 
10/11/15

DIRECTOR 
12/11/15

Defn (Estimate) 
12.11.15
Prof. Sehgal (E&C)

Ref: for m.a. 
16/11/15

Supd 
16/11/15


16/11/15

16/11/15

NATIONAL INSTITUTE OF TECHNOLOGY

KURUKSHETRA

NA/CCE/3506/147/6051

Dated: 18.11.2013

To:

The Executive Engineer (E.E.),
CIVIL, Kurukshetra Central Division,
448, Subhash Colony
Kurukshetra

Subject: To submit the cost estimate for providing aluminium pre-laminated board both side decorative at all floors (ground floor, first floor & second floor) in the newly constructed 3 storied beam & column cum wing of 2 blocks to accommodate 96 bidders at NIT, Kurukshetra.

In supersession of this office earlier letter No. CC/3495/108/5107 dated 16.09.2013 (copy enclosed) regarding submission of the estimate for back partition on ground floor for raising the height of 900 mm back partition on 1 to 2. Now as directed by the competent authority of the District you are requested to submit the cost estimate for providing aluminium pre-laminated board both side decorative at all floors (ground floor, first floor & second floor) upon one the below ceiling to have in the newly constructed three storied beam & column cum wing of two blocks to accommodate 96 bidders at NIT, Kurukshetra (on per side drawing attached). This amount will be included in the revised cost estimate of already allotted work of newly constructed three storied beam & column cum wing of two blocks to accommodate 96 bidders at NIT, Kurukshetra is already engaged vide this office letter No. CC/3097 dated 05.08.2013.

It is therefore, requested to provide the cost estimate for the above cited work at the earliest, so that early action may be taken on our end.

(Signature)
Dean (Estate)

Copy to:

1. ASAC Director for kind information of the Hon'ble Director
2. Dean (P&D) for kind information please
3. Chief Warden (Boys) for information
4. Chief Warden (Girls) for information
5. Prof. VC (T&C)
6. Prof. VC (EM)
7. A.P. Bhatia

Subject: Minutes of meeting of Estate Affairs Committee held on 05.01.2016 in office of the Dean (P&D) & Chairman (EAC) of NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 05.01.2016 at 11:30 am in office of the Dean (P&D) to discuss the various issues related to the Estate Section.

Following were present:

1	Prof. V.R. Sehgal, Dean (P&D)	Chairman
2	Prof. Aron Gahl, Dean (Finance)	Member
3	Prof. K.K. Singh, Prof. Civil Engg. Deptt.	Member
4	Prof. V.P. Singh, Prof. IEC (E&C)	Member
5	Dr. Suresh Chandra, Prof. IEC (EM)	Member
6	Dr. Anil Dahiya, Prof. IEC (H&L)	Member
7	Sh. S.N. Kaushik, A.E. (Civil)	Member & Convenor
8	Prof. Parveen Aggarwal, Prof. IEC (Security)	Special Invitee
9	Sh. Chhavi Singh, Superintendent	Special Invitee
10	Sh. Saundhar Singh, A.E. (Elect)	Special Invitee
11	Sh. Rakesh Kumar, I.E. (Civil)	Special Invitee
12	Sh. Rakesh Kumar, I.E. (Elect)	Special Invitee
13	Sh. Shubham Gupta, I.E. (Civil)	Special Invitee
14	Sh. Milawa Rana, J.E. (M)	Special Invitee

Dr. H.D. Chahal, Prof. IEC (S&C) could not attend the meeting.

Following issues were discussed and resolved as under:

1. (A) Action taken report of EAC meeting held on 14.10.2015

(i) Discussion on report submitted by Prof. Ashwani Jain - Regarding facilities and related issues in the newly constructed BT & CT type houses.

(ii) Discussion on report submitted by Prof. K.S. Soodhu - Regarding Tariff Plan.

Prof. V.P. Singh, Prof. IEC (E&C) stated that the committee visited IIT, Delhi and discussed with the concerned officers of the institute and were told that the Institute (IIT Delhi) pays all charges of common area in residences and even hostel, but no written documents were received as the concerned officers were on leave on that day. It was resolved that Prof. IEC (E&C), Prof. IEC (H&L) & Prof. IEC (EM) may again visit IIT, Delhi NIT to collect the relevant documents and submit report within 2-3 weeks.

(iii) To discuss the Master Layout Plan at NIT, Kurukshetra.

It is a separate agenda item which was discussed in detail later in the meeting of 14.10.2015 as an agenda item no. 3.

(iv) Discussion on the report submitted by the committee constituted by EAC - Regarding winding off the penalty amount of lifts installed in Newly constructed BT & CT type houses.

The matter was discussed and resolved that the case is already referred to Legal Counsel of the Institute and a reminder be sent to D.R. (GA&L). It was also discussed in the meeting that recommendations may also be sought from the Store Section regarding return of bank guarantee for the above said work to M/s. Balaji Enterprises, Yamuna nagar road, Jagadhri.

(v) Providing concertina coil over the Institute boundary for security purpose - regarding demarcation for the boundary wall that is to be constructed to separate PWD colony from NIT Campus.

The content has been received from Kurukshetra University Kurukshetra for concertina coil over the Institute boundary for security purpose through Executive Engineer vide letter no. 2719/XI dated 08.12.2015. It was discussed and resolved that a reminder be sent to CPWD for re-rendering to expedite the above said work.

(vi) To discuss a request received from the Librarian for Air Conditioning of Library, Expansion of Library Building and Property Counter facility for students.

This item was deferred for the time being in next Estate Affairs Committee meeting, held on 14.11.2015.

(vii) To discuss the provision of wash room along main gate situated at NIT, Kurukshetra towards Kurukshetra University Kurukshetra.

It was discussed and resolved that provision of one WC per Indian and one WC per English and two cold water points along with provision of drinking water facilities be made by the Estate Section on main gate of NIT, Kurukshetra towards KUK. Since there is no sewage line connection for water disposal, it has been proposed to provide tap water in any other option. Hence to expect a reminder to provide tap water can be sought from Prof. K.S. Soodhu, Prof. IEC (E&C) and Prof. IEC (H&L).

(vii) To discuss regarding damaged Aviation Light in Mega Boys Hostel at NIT Kanchi.

An estimate of damaged Aviation Light in Mega Boys Hostel has been received from the Executive Engineer (Civil), CPWD, Kanak. Letter No. 20(7)KCC/2015/1501 dated 01.11.2015. It was resolved that a letter be written to Chief Warden (Boys) for recovery of the estimate and to arrange for the repair of the light.

(viii) To discuss the request regarding furnishing floor with tiles in the common room, dining hall, warden office and MMCA office in Girls Hostel no. 1-5 and Girls Hostel No. 1 at NITK.

The matter was discussed and decided that the estimate received from the Superintending Engineer (Civil), CPWD, Kanak. Letter No. 20(7)KCC/2015/1501 dated 01.11.2015 be put up before the ensuing B&WC meeting for further approval.

(ix) Providing peripheral road around the external boundary wall of the Institute for security & maintenance purpose - regarding the site feasibility & total length of the peripheral road at NITK.

The matter was dropped for the time being in last Estate Affairs Committee meeting, held on 14.10.2015.

(x) Action taken report of EAC meeting held on 22.07.2015

(xi) (a) To discuss the request received from Chief Warden (Boys) regarding carrying out AMC of lifts & fire safety equipments for hostel no.-10 (VISHVESVARAYA BHAVAN).

(b) Discussion on report submitted by Prof. Ashwani Jain - Regarding facilities and related issues in the newly constructed BT & CT type houses.

(c) Discussion on report submitted by Prof. K.S. Sandhu - Regarding Tariff Plan. It was resolved that the same action will be taken as per item 1(i).

(xii) To discuss the request received regarding requirements of submersible pump and arrangement of the hydrant for the swimming Pool and for the sports ground.

The matter was dropped for the time being in last Estate Affairs Committee meeting, held on 14.10.2015.

(xiii) To discuss the request received from SAS officer regarding fencing on boundary wall of the swimming pool.

The matter was dropped for the time being in last Estate Affairs Committee meeting, held on 14.10.2015.

(xiv) Report of Committee of Solar Water Heaters

The matter was discussed and resolved that a letter be sent again to the agency to expedite the work so that the work be completed at the earliest.

(xv) Regarding decision about NIT Campus metering.

Discussed in agenda item no.-10(i) of EAC meeting held on 14.10.2015.

(xvi) Decision on correspondence made to the Police Station for alteration in existing infrastructure of Computer Engineering Department - regarding.

The case was referred to D.R. (GA & Legal) to get the legal opinion from the Legal Counsel of the Institute with this office letter No. CU0505/93 dated 28.08.2015. It was also resolved that a request be sent to D.R. (GA & Legal) for the above said works.

(xvii) To inform for applicable labour licences and registration with ESIC, EPFO and BOCW Welfare Board.

The matter was discussed and resolved that a letter be sent to the Executive Engineer (Civil), CPWD, Kanak to submit the copy of labour licence and registration with ESIC, EPFO and BOCW Welfare Board of the concerned agency which are executing the ongoing works and future works in the Institute.

(xviii & xix) To Discuss the Master Layout Plan at NITK

Discussed in separate agenda item 10 of EAC meeting held on 14.10.2015.

(xx) Presentation on Kitchen Layout Plan of newly constructed 4th storey Girls hostel.

The matter was discussed and resolved that the copy of observations reported by inspection committee, which visited the site on 03.01.2016, be communicated to CPWD.

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(xii) Preparation of Institute Master Plan of NITK.

This item will be discussed in the next item no. 4 & 7 of this meeting (05.01.2016).

(xiii) To discuss proposal and justification for expansion of Library Building and Air Conditioning received from Librarian.

The matter was discussed and resolved that space available be judiciously used.

(xiv) To discuss a letter received from the Architect, CPWD, Chandigarh regarding Additional Examination Halls (G+3) at NITK.

Floor wise requirements at all the floors.

Number of examination halls with approximate area and seating capacity per examination hall.

Any other requirements such as staff room, store etc.

This item will be discussed in this meeting (05.01.2016) vide item no. 4 & 7.

(xv) To discuss a letter received from Chief Warden (Boys) regarding alteration in the newly constructed 2 storied messes barracks comprising of 2 blocks to accommodate 96 messes at NITK.

The matter was discussed and resolved that the estimate received from the Executive Engineer (Civil), CPWD, Karnal vide letter No. 20/142/PS/KC/D/2015/501 dated 28.11.2015 for an amount of Rs. 32,54,600/- be put up in the ensuing B&WC meeting as a separate item.

(xvi) To discuss a letter received from General Secretary, Karnuchhri Singh -- to extend the boundary wall of park near G-Type houses.

The matter was discussed and resolved that there is no need of extension of boundary wall.

(xvii) To discuss a revised cost estimate for 2 nos. main gates at NIT, Kurnoolshetra.

This item will be discussed in item no. 12 (i) of this meeting (05.01.2016).

(xviii) To discuss change of scope in work of ITT/LT distribution and Feeder Pillars etc. in Residential Area at NIT, Kurnoolshetra.

- Also to decide the load meters specifications.

- Provision of online data of all the distribution system.

The matter was discussed in this meeting and resolved that a resource be sent to CPWD to start the work as the A/A & E/S has already been conveyed to the Executive Engineer, CPWD for the above said work & work may be completed by March, 2016.

(xix) Automation of water supply works related to filling of overhead tanks in campus.

The matter was discussed and resolved that the intermittent water supply scheme may be adopted in the campus. Hence the water supply from 10.00am to 11.00am, 11.00pm to 04.00pm would remain closed on trial basis for the time being. Further, it has been resolved that no water supply after 10.00pm.

(xx) DG Set installed at Hostel No.-10.

It was discussed and resolved that the DG Set will be taken over by the Electrical Maintenance Section after the servicing of DG Set done by Hostel No.-10.

2. To discuss the recommendations regarding provision of security huts at various locations in the Institute.

Prof. DC (Security) apprised the house and then the matter was discussed and resolved that 2 nos. permanent huts & 6 nos. temporary huts be provided at various locations in the Institute (list enclosed) after obtaining the approval from the competent authority. The same be conveyed to Executive Engineer (Civil) CPWD, for execution of the work.

3. To discuss regarding Replacement/Rewiring of Aluminum Wiring with Copper Wiring in Old Admin. Block at NITK.

The Prof. DC (EM) apprised the house that the tender of electrical rewiring work is being executed by CPWD and tendering process is a delay. As informed by CPWD the scope of this project should also include replacement of telephone and internet cabling within the old Block. The committee recommended this proposal and decided that Prof. DC (CCN) and Prof. DC (Telecom) be asked to coordinate with Prof. DC (EM) in regard to this matter.

4. To discuss a letter received from the Architect, CPWD, Chandigarh regarding Floor area requirements of all the floors.
- Number of examination halls with approximate area and seating capacity per examination hall
 - Any other requirements viz. staff room, store etc.
- Item was dropped for the time being.

5. To discuss a letter received from the Executive Engineer (Civil), CPWD, Karnal regarding - to approve the drawing of the drainage system at Kinnack road gate side at NIT, Kurukshetra.
- The matter was discussed and resolved that the work will be done at Institute level and same may be conveyed to the CPWD.

6. To discuss the matter regarding Water Audits by DQS India.
- Water Audits by DQS India stated in their letter that "Declaring water conservation a national mission in June 2001, the Prime Minister of India, appealed to all countrymen to collectively address the problem of alarmingly progressive water shortage by conserving every drop of water and suggested for conducting water audit for all sectors of water use. Accordingly the matter was considered by the Committee and resolved that the intermittent water supply be used from 05:00am to 10:00am, 11:00am to 03:00pm, 04:00pm to 10:00 pm and remaining period i.e. 10:00am to 11:00am, 03:30pm to 04:00pm and after 10:00 pm water supply will be closed on trial basis. This system will be reviewed after one month and if successful then it shall be continued otherwise past practice will be continued. Accordingly all the residents of Institute Campus may be informed to cooperate in the matter after getting the approval from the competent authority.

7. To discuss the requirement for multi-storied (G+5) Mechanical Engineering Department for Master Layout Plan of NITK.
- The matter was discussed and resolved that the requirements received from the various Departments be consolidated and a combined requirement be conveyed to the Chief Architect, CPWD, Chandigarh. Chief Architect may calculate the requirement as per Bureau of National Building Code.

- The decision regarding Multi-Storied Staff houses for G-type, DA and CC type houses be taken up after 7th pay commission guidelines / norms are received - implemented and the drawings submitted by Chief Architect, CPWD, Chandigarh may be taken up.

Multi-Storied (G+5) floor building be made in place of hostel No. 1 & 2 and other details as under:

- (i) Double Bedded rooms
- (ii) 2 blocks with the capacity of 500 students each

8. (i) To discuss request received from Vijay Kumar Bapnai, Prof. Mech. Engg. Deptt. regarding closure of interconnection through house no. BC-4 due to low height between BC-4 and BC-5.
- (ii) To discuss the request received from the residents of CC-1 to CC-12 - regarding Safety of CC-1 to CC-12 in the Campus.
- (iii) To discuss the letter received from Sh. Ravi Kumar Tital, Chemistry Department regarding to increase heights and provide glass cutters on the fencing walls of CB-II.
- (iv) To discuss a letter received from General Secretary, Karamchari Sangh regarding
- Safety grills installed in all old houses.
 - Upgrade the residential quarters i.e. (G, F, E, DB, DA, CC, CB and CA type)

The matter at serial no. ii & iii was discussed and resolved that there would not be any increase in boundary wall height. However, glass cutters would be provided by the entire section. Further matter at serial iv has been dropped.

9. To discuss the request received from the shopkeepers of G Type market regarding to construct the toilet in G-Type market.

The matter was discussed and resolved that there is no need of separate wash room for shopkeepers & visitors. It was also decided that the shopkeepers & visitors may use toilet provided in separate huts being constructed by CPWD for security personnel from G-Type Market.

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(f) Any other item.

(ii) To discuss the revised cost estimate of 2 new Institute Main Gates submitted by Superintending Engineer (Civil), CPWD, Chandigarh for an amount of Rs. 1,77,74,600.

The matter was discussed and resolved that a letter be written to CPWD to create a sub-head for civil work estimates, that it may be put up before the J&WC meeting, necessitating meeting for further approval.

(iii) To discuss the revised cost estimate of 166 toilet risk hostel (Multi-storied) for internal & external water supply, sanitary installation, internal electrical installations, drainage & development of site at NITs for an amount of Rs. 67,46,52,700.

The matter was discussed and resolved that letter be written to CPWD in column type for modification for several alterations so that it may be put up before the J&WC meeting or discussion meeting for further approval.

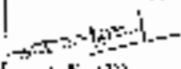
(iv) To discuss the cost estimate for providing mosaic cell poly-carbonate panel sheet door over skylight in blocks no. 5, 7 and 9 in 600 acm gills hostel for an amount of Rs. 28,96,700 to be included in the revised cost estimate recently submitted by Superintending Engineer (Civil), CPWD, Chandigarh for an amount of Rs. 67,46,52,700.

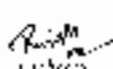
The revised cost estimate submitted by the Executive Engineer (CI-6), CPWD, Karnal vide letter no. 20(142)PS/SC/2015/3311 dated 28.11.2015 for providing mosaic cell poly-carbonate panel sheet door in block no. 5, 7 and 9 in 600 acm gills hostel was discussed and it has been resolved that since it is a part of the building, it should be included in main BNPT at the time of tender. A separate AGA & RS for this work has already been forwarded to CPWD to execute the work within sanctioned budget and in completion time of building.

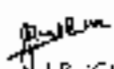
(v) To discuss the request received from the Dr. Saurebhi Chaurasia, Prof. Elect. Engg. Deptt., Dr. Praveen Aggarwal, Prof. Civil Engg. Deptt. & Dr. Anil Dahiya Prof. Elect. Engg. Deptt. for the provision of ramp for car parking in multi-storied residential flats.

The matter was discussed and resolved that Estate Deptt. will visit the site and suggest possible car locations or iterations in the parking space, so that inconveniences faced by the flattees are avoided or minimized in parking their vehicles.

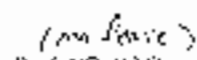
Meeting ended with thanks to the chair.

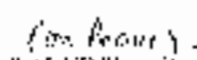

A.E. (E)

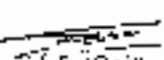

A.E. (C)

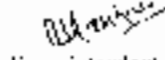

A.E. (CI)

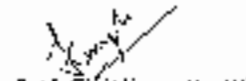

A.E. (E)


Prof. EC (S&C)

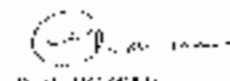

Prof. EC (Security)

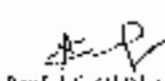

A.E. (Civil)

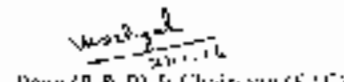

Superintendent

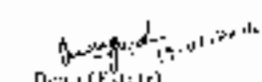

Prof. Civil Engg. Deptt.


Prof. EC (S&C)


Prof. EC (S&C)

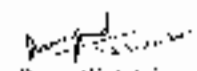

Prof. EC (H&L)


Dean (P & D) & Chairman (EAC)

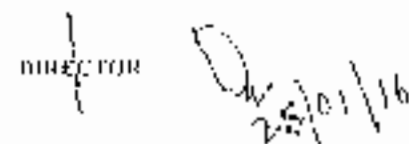

Dean (E&T)

It is requested that above recommendations of Estate Affairs Committee may be approved please.

Submitted for approval please.


Dean (Estate)


Registrar


Dean (Estate)

**Item No.21.12 To consider and approve the Revised Cost estimate for
Provision of lifts for persons with disabilities (PWD) at various
locations in the Institute**

The work of provision of lifts for persons with disabilities (PwD) at various locations in the Institute was approved in its 16th B&WC meeting held on 19.11.2012 vide item no. 16.17 and subsequently approved by FC & BOG. Accordingly, the work was allotted to CPWD by conveying AA & E/S vide letter no. CC/3508/112/5385 dated 17/25.07.2014 for an amount of Rs. 262.87 lacs and 1st instalment i.e. 16.5% as per MoU has already been transferred to CPWD, but till date work could not be started by CPWD. The Superintending Engineer (Civil), CPWD, Chandigarh has sent the estimate vide letter no. CCC/23(4515)NIT-3/2015/381 dated 06.02.2015 for an amount of Rs. 1,12,89,400/- for civil works i.e. provision for machine room and the size of lift block is 4390x4590mm with provision of corridor of 1.5m length to connect the existing building. Later on the Superintending Engineer (Elect.), CPWD, Chandigarh submitted revised cost estimate for an amount of Rs. 3,41,14,488/- vide letter no. 23(130)CCEC/2015/218 dated 19.02.2015 for the provision of lifts including provision of machine rooms and connecting corridor. Now, the Superintending Engineer (Elect.), CPWD, Chandigarh has submitted a revised cost estimate for an amount of Rs. 3,72,60,943/- vide letter no. 23(130)CCEC/2016/211 dated 02.02.2016 in which stated that Service tax, labour Cess, VAT, PEF & ESI is applicable for Govt. work. The revised preliminary estimate was putup before the EAC meeting held on 16.02.2016. The same was approved by the competent authority.

It is therefore, requested that the B&WC may consider and accord approval for amounting to Rs. 3,72,60,943/- including provision of civil works for the provision of lifts for persons with disabilities (PwD) at various locations in the Institute.

GOVT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

State: Haryana
Branch: E&M

Circle: CCEC
Division: KCED

N/W:- Provision of lifts for persons with disabilities (PWD) at various locations in NIT Kurukshetra.

This revised preliminary estimate has been framed by Er. S.S. Rana, Executive Engineer (Electrical), Karnal Central Electrical Division, CPWD, Karnal and processed in the Office of Superintending Engineer(E), Chandigarh Central Electrical Circle, CPWD, Chandigarh for the probable cost of Rs.3,72,60,943/- including 3% contingencies.

REPORT

History:- This revised preliminary estimate amounting to Rs.3,72,60,943/- including 3% contingencies for the above cited work has been prepared for obtaining Administrative Approval & Expenditure Sanction from the competent authority. Originally, an estimate amounting to Rs.2,62,87,188/- was submitted to the client vide office letter No.CCEC/23(130)/2012-13/16 dated 05.11.2012. The A/A & E/S amounting to Rs.262.87 Lacs has already been received from the client department vide letter Nop.CC/3508/112/5385 dated 17/25.07.2014 for civil and electrical work in which provision amounting to Rs.34,62,100/- exists for civil work. As intimated by SE(Civil), CC, Chandigarh vide letter No.CCC/23(4515)/W-3/2015/381 dated 6.2.2015 as in the original preliminary estimate, the provision for C/o machine rooms and connecting corridors for lifts was not kept. Hence, the revised preliminary estimate has been prepared for accord of revised A/A & E/S of the competent authority. Accordingly, second time revised preliminary estimate amounting to Rs.3,41,14,488/- was submitted to client vide No.23(130)/CCEC/2015/218 dated 19.02.2015. While sending the revised P.E. provision of service tax, labour cess, VAT, PEF & ESI was not taken as that time PEF, ESI was not applicable for Govt. work. Now as service tax, labor cess, VAT, PEF & ESI is applicable for Govt. work. Hence, revised preliminary estimate is prepared and submitted to client department for obtaining revised A/A & E/S from the competent authority.

Design & Scope:- Provision of energy efficient and jerk free i.e. smooth drive, lift has been made in the estimate. Since, the height of the building is three storied. Hence, lift of 1 Mtr per second speed as per CPWD norms has been proposed in the estimate. Necessary provision of RCC framed structure for providing lifts, machine rooms and connecting corridors has also been made.

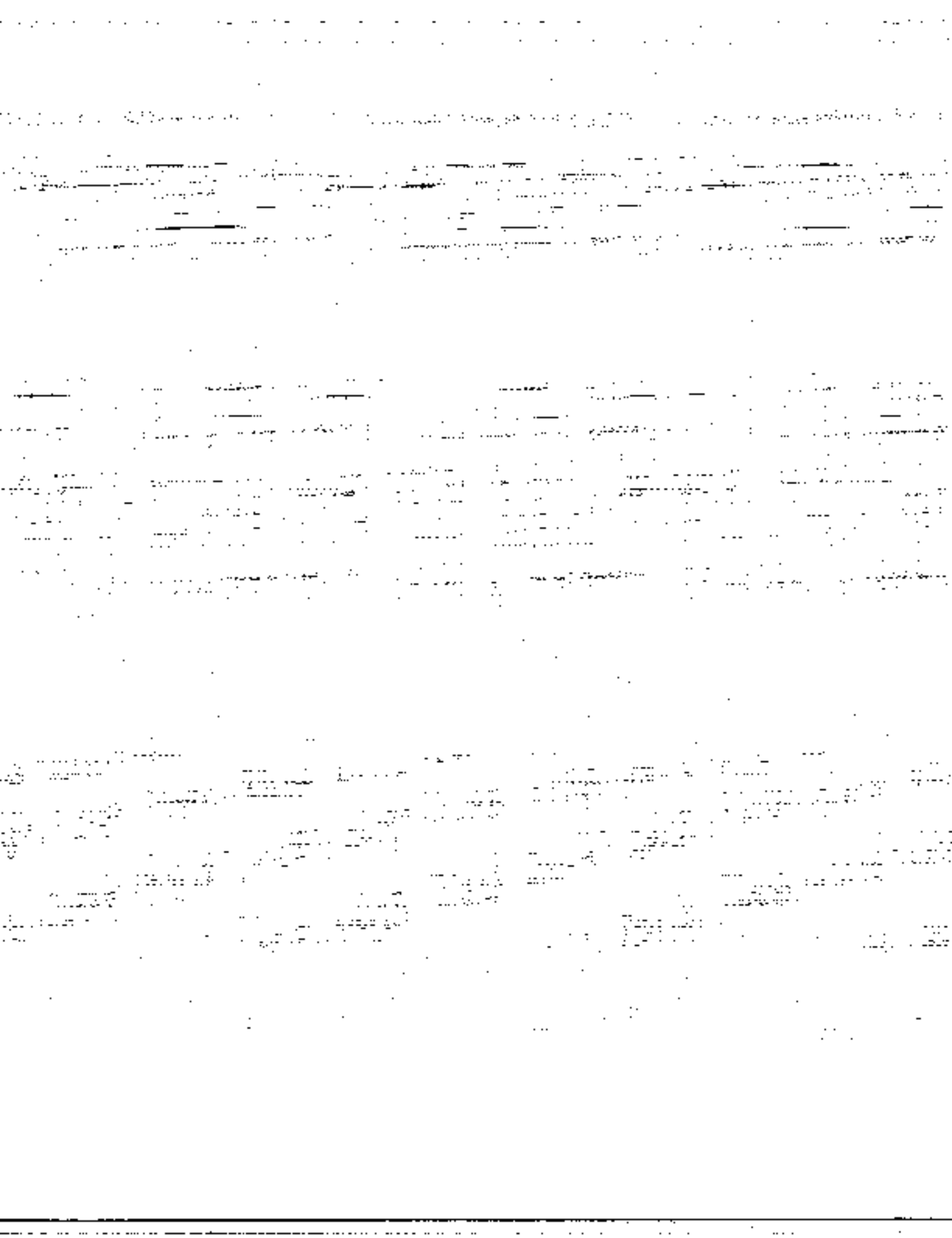
Provision for installation of lifts has been kept for following locations:-

1. Admn. Block.
2. Electrical Engineering Department.
3. Lecture Hall Complex.
4. MBA/MCA Block.
5. NEW Workshop.
6. Library.
7. Computer Engineering.
8. CCN Building.

Method: Through call of E-Bids.
Rates: PAR 2012 and DSR 2014 (Civil).
Time: 12 Months.
Cost: Rs.3,72,60,943/- including 3% contingencies

Ranjit Singh
Assistant Engineer (E)P
Chandigarh Central Electrical Circle
CPWD, Chandigarh.

Rana
Superintending Engineer (E)
Chandigarh Central Electrical Circle
CPWD, Chandigarh.



GOVT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

State: Haryana
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Design & Scope:- Provision of energy efficient and jerk free i.e. smooth drive, lift has been made in the estimate. Since, the height of the building is three storied. Hence, lift of 1 Mtr per second speed as per CPWD norms has been proposed in the estimate. Necessary provision of RCC framed structure for providing lifts, machine rooms and connecting corridors has also been made.

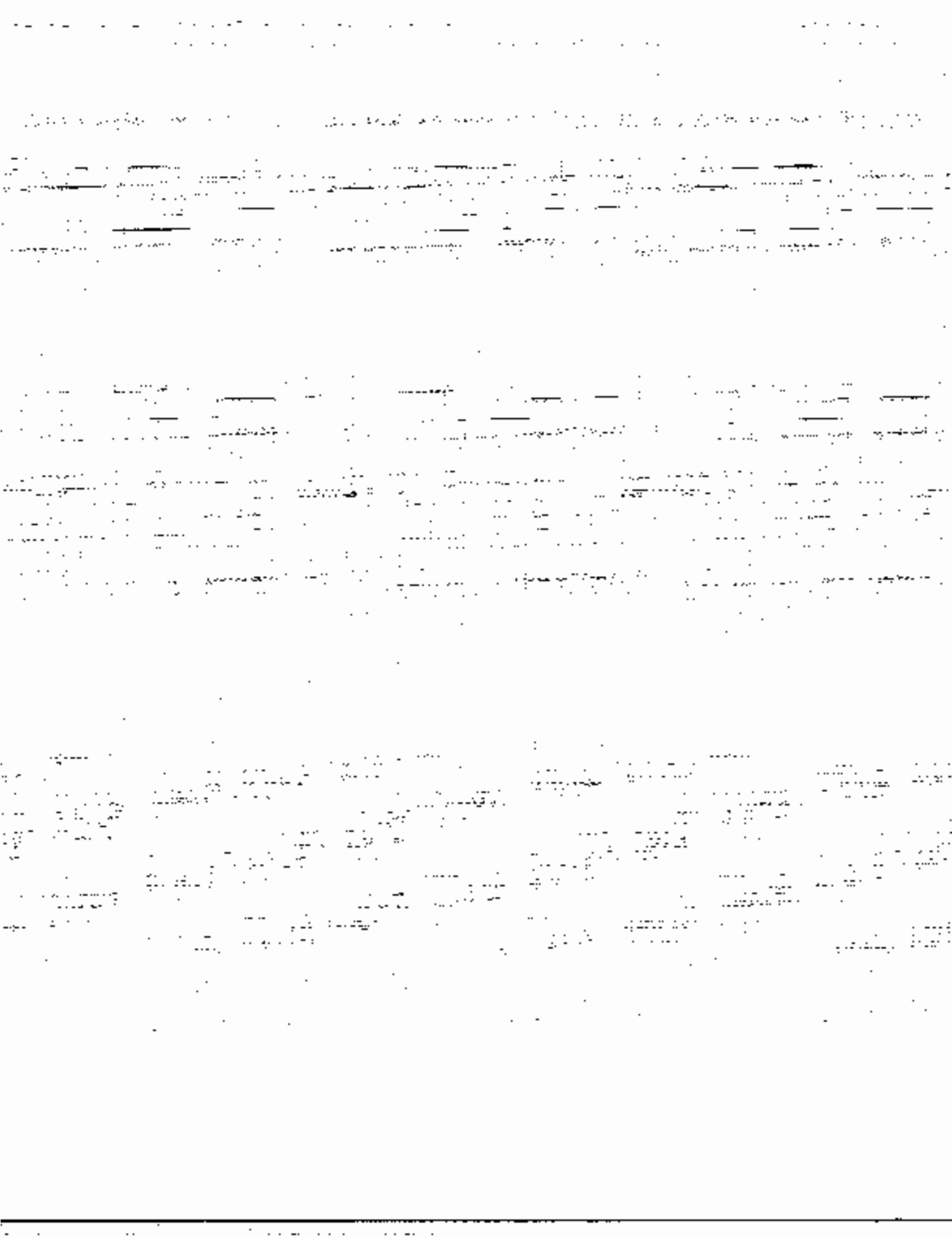
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3. Lecture Hall Complex.
4. MBA/MCA Block.
5. NEW Workshop.
6. Library.
7. Computer Engineering.
8. CCN Building.

Method: Through call of E-Bids.
Rates: PAR 2012 and DSR 2014 (Civil).
Time: 12 Months.
Cost: Rs.3,72,60,943/- including 3% contingencies

Ranjit Singh
Assistant Engineer (E)P
Chandigarh Central Electrical Circle
CPWD, Chandigarh.

Rana
Superintending Engineer (E)
Chandigarh Central Electrical Circle
CPWD, Chandigarh.



Revised Preliminary Estimate

N/W: Provision of lifts for persons with disabilities (PWD) at various locations in NIT, Kurukshetra (Haryana).

S.No.	Description	Original Estimate				Revised Estimate				
		Qty.	Unit	Rate	Amount	Qty.	Unit	Rate	Amount	Remarks
	LIFT									
1	S.I.T.C. of 1m/sec 13 Passenger lift VVVF Microprocessor control stainless steel doors, automatic power operated doors, automatic rescue device with standard controls and operating device (for a travel of ground floor + 2 floors) disabled friendly as required.	8	Jobs	1620000.00	12963000.00	8	Job	2200000.00	17600000.00	PAR 2012
	Add Cost Index @			57%	7387200					
2	Provision of earthing, LT Panel, LT Cable etc as required.	8	Jobs	200000.00	1600000.00	8	Job	200000.00	1600000.00	
					21947200.00				19200000.00	
	Add contingencies			3%	658416.00					
	Add Labour Cess			1%	219472.00					
	Total				22825088.00					
3	As intimated by EE(C), KCD, Karnal letter No.20(142)/KCD/2012/2805 dated 17.09.2012 for lifts at 8 locations.	1	Job	3462100.00	3462100.00	1	Job	11289400.00	11289400	As intimated by SE(Civil), CCC, Chandigarh vide letter No.CCC/23(4515)/W.3/2015/381 dated 06.02.2015 that the provision of Machine Rooms and connecting corridors for lifts was not made in original P.E. Hence, revised P.E. for civil work has been prepared (copy enclosed).
	Grand Total								30489400.00	
	Add HWCT							5.25%	1600693.50	
	Add Labour Cess							1.00%	304894.00	
	Add Service Tax							5.90%	1798874.60	
	Add EPF & ESI							6.50%	1981811.00	
	Total								36175673.10	
	Add contingencies							3.00%	1085270.193	
									37260943.29	
	Say Rs.								37260943.00	

Ranjit Singh
Assistant Engineer (E)P
Chandigarh Cent. Elect. Circle
CPWD, Chandigarh.

Kay
Superintending Engineer (E)
Chandigarh Cent Elect. Circle
CPWD, Chandigarh.

Subject: Minutes of High Power Committee meeting held on 01.10.2012 in the office of Dean (P&D) - to discuss various issues

A meeting of High Power Committee was held on 01.10.2012 at 11.30 PM in the office of Dean (P & D) to discuss the various issues related to estate section

Following were present:

1	Dean (P & D)	Chairman
2	Dean (FW)	Member
3	Chairman (E, C & R)	Member
4	Prof. I.C. (E & C)	Member
5	Prof. I.C. (R)	Member
6	Executive Engineer	Member/Convener
7	Asstt. Engineer (Civil)	Special Invitee
8	J.E. (C)	Special Invitee
9	J.E. (R)	Special Invitee

Following issues were discussed and resolved as under

- (i) **Fixing the priority of construction works for the financial year 2012-13**

The committee was apprised of various construction works proposed to be taken up during the current financial year. It was brought to the notice of committee members that Renovation of Laboratories in Electrical, Mechanical and Civil Engineering Departments (Under TBQIP-II) at NIT, Kurukshetra, amounting to Rs. 47.58 lakh is already in progress. It was detailed that rest of the works tabulated below which are already approved by the B&WC, P&D & HODs be got executed through CPWD as Deposit Works. It was also decided that fresh MoU be signed with CPWD incorporating clause(s) to ensure timely completion of works.

Sl. No.	Name of work	Estimated cost approved by B&WC (Rs. in lakh)
1	Preparation of Institute Master Plan of NIT, Kurukshetra	31.00
2	Construction of Sewage Treatment Plant (STP) at NIT, Kurukshetra	318.08
3	Construction of 600 Seaters Girls Hostel (Multi-Storeyed framed structure) (Ground Floor +5)	4899.00
4	Provision of Glazed tile in the Hostels, Residences (Toilets & Kitchens) and Instructional Buildings at NIT, Kurukshetra	69.19
5	Provision for two nos. Institute Main Gates at NIT, Kurukshetra	82.99
6	Widening of Institute road from Kirmich Road Gate to Hostel No. 4 (approx. length of 400mtr.) at NIT, Kurukshetra	39.00
7	Construction of 2 Nos. Parking at NIT, Kurukshetra	94.21
8	Construction of Boundary Wall Hostel No. 1 & 2 at NIT, Kurukshetra	45.00
9	Providing permanent fencing along the lawns & gardens of the Institute with revolving entry gates including CC pathways at NIT, Kurukshetra	66.00
10	Construction of Boundary Wall (left out stretches) for a length of about 800mtr. and Gate (near UHBVN office) at NIT, Kurukshetra	48.25
11	Providing & Installation of 10/20 mtr. High Mast Lights at sports Ground and various other locations at NIT, Kurukshetra	40.95
12	Replacement of C.I./A.C. water supply lines with Centrifugally Cast (Spun) Iron Pipes Class L.A. in the Residences, Hostels & Instructional Building at NIT, Kurukshetra	175.00
13	Replacement of A.C.C. sheets with Zincalume sheets & Renovation of Water channel in central fold workshop at NIT, Kurukshetra	51.05
14	Construction of 300 Seaters Multi-purpose boys hostel including 100 suites for foreign students, research scholars and married PG Students (Multi-storeyed framed structure) (Ground Floor +4)	3596.00

- ii) Installation of Cold Water Tank Supply Pipe line to the 60,04 edge water heating system installed in the hostel no. 1 of 1 boys hostel, Girls Hostel No. 1 & 2 at NIT, Kurukshetra.

- iii) Release of balance payment for the work of 20mm thick premix carpeting "B" type seal coat on various existing roads. NIT Kurukshetra

The matter relates to execution of the work of 20mm thick premix carpeting "B" type seal coat on various existing roads. Certain shortcomings were pointed out by the high power committee during its inspection visit.

The contractor for the work was called to present his side on the matter. The contractor explained that 20mm thick pre-mix carpet is unable to cover base waviness. Also, there was delay in execution of work because of material shortage in the market. The work could only be started in October 2011 and while laying seal coat, proper laying temperature could not be maintained. Therefore, proper bonding could not be achieved with the base material.

It was decided to work out the defective "B" type seal coat area through a team consisting of XER, AE(C) and JE(C) and deductions be made at the rate of Rs. 3/- per sqm on the defective area from the contractor bill.

- iv) Provision of Aviation Light & Lightning conductor in the Mega Boys Hostel (1000 capacity)

It was decided that the matter be put up in the next B&WC meeting for consideration and approval. It was also decided that provision of aviation light & lightning conductor should be included in all forthcoming works wherever there is necessity of the same.

- v) Provision of Chemical Injection grouting treatment in the fire fighting water storage tank in Mega Boys Hostel (1000 capacity)

An earlier regarding provision of Chemical Injection grouting treatment in the fire fighting storage water tank in Mega Boys Hostel (1000 capacity) was discussed and it was decided to get the work executed. Expenditure incurred will be charged to the work of Mega Boys Hostel after obtaining the approval from the competent authority.

- vi) Provision of louvers in toilets & dining hall of Mega Boys Hostel (1000 capacity) NIT Kurukshetra

The item has already been approved in previous meeting. Prof. S/C (EM) and JE(E) were requested to get approval of rates from the competent authority.

- vii) Any other item:

The committee recommended that the following matters be put up in the next B&WC meeting for consideration and approval. The committee also recommended that preliminary estimates of the works be obtained from CPWD.

1. There is requirement of underground static water tank of 1.5 lakh liter capacity for fire-fighting purpose in Mega Boys hostel.
2. LT panels in the Institute are in dilapidated condition and are not able to carry increased load. The LT Panels presently are also not safe with new HT/LT system installation. Therefore, installation of LT Panels with MCC's is essentially required for safety and reliable operation of supply system.
3. Electrical wirings in old instructional building are too old and with present load growth are insufficient to carry power. Due to load growth this is leading to installation failure and short circuiting problem. In view of present load scenario, the wiring needs replacement.
4. Inspection of staircase be made in residential houses BA, BB, BC, CA, CB & CC Type in campus to facilitate the maintenance works get going.
5. Extension of existing connecting corridor upto MBA/ MCA and LPU Block in the Instructional Buildings.
6. Prof. US IEMA brought to the notice of High power committee that due to frequent power cuts, the academic as well as administrative works in the Institute suffers. In this regard, DG has taken provision be made at various locations in the Institute covering instructional buildings and related facilities.

Local ..

7. Provision of DG for Kitchen & J.K. Institute

8. Opening of Sports Ground

9. Provision of lifts for persons with disabilities (PWD) at various locations in the Institute

10. Widening & strengthening of existing roads in the Institute

11. Other matters with a vote of thanks to the Chair

[Signature]
Executive Engineer

[Signature]
Asstt. Engineer (Civil)

[Signature]
J.E. (C) J.E. (E)

[Signature]
Prof. I/C (E&C)

[Signature]
Prof. I/C (EM)

[Signature]
Dean (P & D)

[Signature]
30-10-12
Dean (PW)

[Signature]
Chairman (E, C & EM)

[Signature]
Registrar/Director

The minutes of the meeting from page no. 1 to 3
may please be approved.

[Signature]
31/10/12
R/K

[Signature]
Director
08/11/12

[Signature]
R/SO

[Signature]
A/E (C)

[Signature]
B.E.

[Signature]
31/10/12

H. C.

[Signature]
08/11/12

NATIONAL INSTITUTE OF TECHNOLOGY
(INSTITUTE OF NATIONAL IMPORTANCE)
KURUKSHETRA

No. CC/60/1685 / 1111

Dated: 21/5/12

To

Executive Engineer (Civil)
Karnal Central Division, CPWD,
448 Subash Colony,
Karnal.

Subject : Submitting Preliminary estimate for providing lifts, extending existing corridor southward up to road in NIT Campus, Kurukshetra.

Referring to your visit to NIT along with A.E. (Civil) on 21.03.2012 in response to our letter No. CC/60/1685 dated 23/28.03.2012 regarding works related to 'Provision for Implementation of Persons With Disabilities', you are requested to submit the estimate & estimates of lifts for the following locations at the earliest to this office for further necessary action:

- i. **Old Admin. Block:** Near main stair case towards left hand side of corridor extending from Old Admin. Block to Electrical Engineering Block
- ii. **Electrical Engineering Department:** Near main stair case towards right hand side of corridor
- iii. **Lecturer Hall Complex:** In courtyard, right hand side of corridor from entrance
- iv. **MBA/ MCA Block:** In courtyard, opposite stair case towards left hand side of the entrance
- v. **New workshop:** Right hand side of corridor extending to the building
- vi. **Library:** In the centre of open courtyard of library along with connecting corridors on both sides to the ground floor and 1st floor
- vii. **Computer Engineering Department:** Near stair case, left hand side of corridor
- viii. **CCN Buildings:** near stair case towards right hand side of entrance hall.

In addition to above, you are requested to provide Preliminary Estimate for extending existing corridor up to road connecting MBA/ MCA Block and Lecture hall complex.

[Signature]
Chairman (E. C & EM)
21.5.12

Copy to: 1. PA to Director for the kind information of the Hon'ble Director
2. Dean (P & U)
3. Prof. I/C (E & C)
4. Executive Engineer

[Signature]
21/5/12

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

The Building & Works Committee approved the Cost Estimate of Rs 395.87 lacs for covering of Newly Constructed Graded seating arrangement for 2000 persons in Open Air Theatre at NIT, Kurukshetra.

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

The Building & Works Committee approved the Cost Estimate of Rs 232.87 lacs for Provision of Lifts for persons with disabilities (PwD) at various locations in the Institute.

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

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

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

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

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

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

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

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

Authenticated

[Signature]
Director (NIT) & Chairman,
Building & Works Committee,
NIT, Kurukshetra

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA**

No./CC/3508/ 12/555

Dated: 17.07.2014

355

To

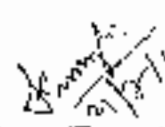
Executive Engineer (Civil),
CPWD Kanak Central Division,
448, Seblash Colony,
Kanak

Subject: - Administrative Approval & Expenditure Sanction for the Provision of lifts for persons with disabilities (PwD) at various locations in the Institute.

Reference: MoU dated 20-12-2012 & approval of the Hon'ble Director on dated 15-07-2014.

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	Amount REC (Rs. in Lacs)
1	Provision of lifts for persons with disabilities (PwD) at various locations in the Institute.	Rs.262.87 (Rupees Two crore sixty two lacs eighty seven thousand only)


Dean (P&D)
For Director

CC:

1. SS to Director for the kind information of the Hon'ble Director.
2. Dean (P&D) for information, please.
3. Chief Engineer (NZ-D), Chandigarh CPWD, Kendriya sadan, Sector-9, Chandigarh.
4. Superintending Engineer (Elect.) Chandigarh, Central Electrical Circle, Kendriya Sadan, Sector-9-A, Chandigarh
5. Executive Engineer (Elect.) CPWD, Kanak, Central Electrical Division 22-A Indira Colony, Kanak.
6. Registrar, NIT, Kurukshetra for information.
7. Prof. VC (S&C) for information.
8. Prof. VC (E & C) for information
9. Prof. VC (H&L)
10. Assistant Engineer (Civil)
11. Junior Engineer (Elect.)
12. Assistant Engineer (Civil), CPWD

भारत सरकार
केन्द्रीय लोक निर्माण विभाग
चण्डीगढ़ केन्द्रीय परिमंडल

केन्द्रीय सदन सैंक्टर-ए, चण्डीगढ़

संख्या : च.के.परि./23/4515/नि.3/2015/ 38-

दिनांक 6-2-15

सेवा में,

अधीक्षण अभियंता (वै.),
चण्डीगढ़ केन्द्रीय वैद्युत परिमंडल,
के.लो.नि.वि., चण्डीगढ़।

विषय: - Provision of Lifts for persons with disabilities (PWD) at various locations in NIT, Kurukshetra. SH:- Construction of lift block with pit and machine room for G+1 and G+2 buildings.

A preliminary estimate amounting to Rs 2,62,87,188/- for the work namely "Provision of lifts at various locations in NIT, Kurukshetra" was sent to the client department by your office vide letter No. CCEC/23(130)/2012-13/16 dated 05-11-2012 for accord of A/A & E/S by competent authority in which provision for civil work amounting to Rs. 34,62,060/- existed. The A/A & E/S amounting to Rs. 262.87 lacs was received from the client department vide their letter NO. CC/3508/112/5385 dated 17/25-07-2014. Since the provision of machine rooms and connecting corridors for lifts was not made in the original preliminary estimate, the necessity of revised preliminary estimate arose the requisition for which has been made in the Building Works Committee meeting held on 06-01-2015 at New Delhi. Hence the revised preliminary estimate for civil work amounting to Rs. 1,12,89,400/- has been prepared and is enclosed herewith. You are requested to send the revised preliminary estimate to the client department after incorporating electrical provisions for the work for accord of revised A/A & E/S by the competent authority.

संलग्न :- उपरोक्त।

अधीक्षण अभियंता (वै.)

अधीक्षण अभियंता,
चण्डीगढ़ केन्द्रीय परिमंडल,
के.लो.नि.वि., चण्डीगढ़।

The Director, NIT, Kurukshetra for kind information alongwith copy of revised preliminary estimate for civil work. The work shall be taken up only after receipt of revised A/A & E/S / assurance of funds from your side. Encl: As above.

- The Executive Engineer, Karnal Central Division, CPWD, Karnal for information w.r.t. his office letter No. 313 dated 21-01-2015 alongwith copy of revised preliminary estimate. Encl: As above.

अधीक्षण अभियंता,

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE: HARYANA

DIVISION: KARNAL CENTRAL

BRANCH: B&R

Name of work :- Provision of Lifts for persons with disabilities (PWD) at various locations in NIT, Kurukshetra. SII - Construction of lift block with pit and machine room for G+1 and G+2 buildings.

Major Head:

Minor Head:

Detailor Head:

This Revised 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. 1,12,89,400/- i/c 3% contingencies.

REPORT

History: This Revised preliminary estimate amounting to Rs. 1,12,89,400/- i/c 3% contingencies has been framed to cover the probable cost of the above mentioned work for accord of revised A/A & E/S by the competent authority. Originally, an estimate amounting to Rs.2,62,87,188/- was submitted to the client department vide Superintending Engineer (Elect.), Chandigarh Central Elect. Circle, CPWD, Chandigarh vide their letter No. CCEC/23(130)/2012-13/16 dated 05-11-2012. Total A/A & E/S amounting to Rs.262.87 Lacs has already been received from the client department vide their letter No. CC/3508/112/5385 dated 17/25-07-2014 for Civil & Elect work in which provision amounting to Rs. 34,62,100/- exists for Civil work. The requisition for the revised estimate has been made in the Building Works Committee Meeting held on 06.01.2015 at New Delhi. The revision is required due to the reason that in the original estimate, there is no provision for machine room and size adopted is only 2500 x 1900mm and due to machine room, one additional floor is required for maintenance and repair for which no provision exists in the original estimate. The revised estimate has been prepared including provision for machine room and the size of lift block is 4390X4590mm with provision of corridor of 1.5m length to connect the existing building. Hence the necessity of this Revised Preliminary Estimate.

Design & Scope: Estimate has been prepared based on drawing submitted by EE (Elect.), Karnal Central Elect. Division, CPWD, Karnal vide their letter No. 20(38)KCED/knl/2014-15/33 dt 05.01.2015.

Following provisions have been made in this estimate:

RCC framed structure for providing lifts, machine rooms and connecting corridor at following locations:-

1. Admn. Block
2. Elect. Engg. Deptt.
3. Lecture Hall Complex
4. MBA/MCA Block
5. New Workshop
6. Library
7. Computer Engineering
8. CCN Building

Specifications: CPWD specification 2009 Vol-I to II, with upto date correction slips.

Rate: DSR- 2014 with upto date correction slips.

Amount: Rs. 1,17,89,400/- i/e 3% contingencies.

W.C.Estt.: Shall be met out of contingencies.

T&P: Shall be arranged by the contractor.

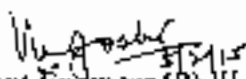
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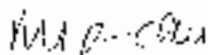
Method: By contract after call of tenders.

Time allowed: Pre-construction activity: 3 months.

For execution:- 6 months

Total:- 9 months


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


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



भारत सरकार
GOVERNMENT OF INDIA
केन्द्रीय लोक निर्माण विभाग
CENTRAL PUBLIC WORKS DEPARTMENT



पता/स्थान:
अधीक्षण अभियंता (वि०)
समस्तोद्घ केन्द्रीय वैद्युत परिगंडल,
के० लो० वि०, सेक्टर ९(ए), चण्डीगढ़-160019

Office of the:
Superintending Engineer (E),
Chandigarh Central Elect. Circle,
CPWD, Sector-9(A), Chandigarh-160019
Email:- saeccac.cd cpwd@nic.in

सं० 23(130)/च० के० वै० परि०/2015/ 218

दिनांक - 19/2/15

To

The Director
National Institute of Technology,
Kurukshetra (Haryana)

Sub: Revised Preliminary Estimate for the work:- Provision of lifts for persons with disabilities (PWD) at various locations in NIT Kurukshetra.

Enclosed please find herewith revised preliminary estimate amounting to Rs.3,41,14,488/- for the aforesaid work in duplicate for obtaining Administrative Approval and Expenditure Sanction from the competent authority.

The necessity of framing this revised preliminary estimate has been fully explained in the history sheet of the preliminary estimate.

The copy of the revised preliminary estimate duly approved may be sent to this office for further necessary action clearly indicating Head of Account.

संलग्न उपरोक्तानुसार

Dean (Estimate)

अधीक्षण अभियंता (विद्युत)
समस्तोद्घ केन्द्रीय वैद्युत परिगंडल
के० लो० वि०, चण्डीगढ़।

तिलिपि:-

1. The Superintending Engineer, Chandigarh Central Circle CPWD, Chandigarh with reference to his letter No.CCC/23(4515)/W-3/2015/381 dated 6.2.2015 alongwith copy of revised P.E.
2. The Executive Engineer (E) KCED, CPWD, Karnal alongwith copy of the revised preliminary estimate.

23/2/15
23/2/15
23/2/15

This may be taken agenda
in the coming
23/2/15

अधीक्षण अभियंता (विद्युत)

GOVT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

State: Haryana
Branch: E&M

Circle: CCEC
Division: KCED

Name of work:- Provision of lifts for persons with disabilities (PWD) at various locations in NIT Kurukshetra.

This revised preliminary estimate has been processed in the office of Superintending Engineer (E), Chandigarh Central Electrical Circle, CPWD, Chandigarh for the probable cost of Rs.3,41,14,400/- including 3% contingencies.

REPORT

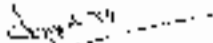
History:- This revised preliminary estimate amounting to Rs.3,41,14,400/- including contingencies has been framed to cover the cost of above noted work and for accord of revised Administrative Approval and Expenditure Sanction from the competent authority. Originally, an estimate amounting to Rs.2,62,87,188/- was submitted to the client vide this office letter No.CCEC/23(130)/2012-13/16 dated 05.11.2012. The A/A & E/S amounting to Rs.262.87 Lacs has already been received from the client department vide letter No.CC/3508/12/5385 dated 17/25.07.2014 for civil and electrical work in which provision amounting to Rs 34.62,100/- exists for civil work. As intimated by SE (Civil), CCC, Chandigarh vide letter No.CCC/23(4515)/W-3/2015/281 dated 5.2.2015 (copy enclosed alongwith civil work R.P.E.), as in the original preliminary estimate, the provision for construction of machine rooms and connecting corridors for lifts had not been kept. Hence, the revised preliminary estimate has been prepared for accord of revised A/A & E/S of the competent authority.

Design & Scope:- The provision for energy efficient and jerk free i.e. smooth drive, lift has been made in the estimate. Since, the height of the building is three storied, hence, lift of 1 meter per second speed as per CPWD Norms has been proposed in the estimate. Necessary provision of RCC framed structure for providing lifts, machine rooms and connecting corridor has also been made.

Provision for installation of lifts has been kept for following locations:-

1. Admn. Block
2. Electrical Engg. Department
3. Lecture Hall Complex.
4. MBA/MCA Block
5. New Workshop.
6. Library.
7. Computer Engineering.
8. CCN Building

Method : Through contract by call of tenders
Rate : PAR 2007 and DSR 2014 (Civil)
Time : 12 Months
Cost : Rs 3 41,14,455/- including contingencies


Assistant Engineer (E)P
Chandigarh Central Elect. Circle
CPWD, Chandigarh.


Superintending Engineer (E)
Chandigarh Cent. Elect. Circle
CPWD, Chandigarh

Item No. 21.13 To consider and approve the preliminary cost estimate for Providing Kitchen Equipments in 600 seater Girls Hostel (Multi-storeyed) RCC framed structure (Ground +5) at NIT, Kurukshetra

The Preliminary Cost Estimate for providing Kitchen Equipments such as receiving table, electronic weighing scale, working table refrigerator, dirty dish landing table, overhead glass rack, loading table, dishwasher machine, unloading table, dish rack, pot rack, storage rack, potato/onion rack, potato peeler machine, wet masala grinder, support table, utility trolley, mobile table, spice rack, S.S. Tandoor, preparation table, dough mixer, tilting pan, bulk cooker, cooking gas, chapatti plate-cum-puffer, exhaust hood, GI ducting, Centrifugal blower, fire extinguisher, automatic chapatti making machine & cold room for vegetables in 600 seater Girls Hostel (Multi-storeyed) received from the Superintending Engineer (Elect.), CPWD, Chandigarh vide letter no. 23(130)CCEC/2016/165 dated 28.01.2016 for an amount of Rs. 1,18,28,927/- was putup before the EAC meeting held on 16.02.2016 and resolved that the estimate be putup in the ensuing B&WC meeting. The same was approved by competent authority.

It is therefore, requested that the B & WC may consider and accord approval for amounting to Rs. 1,18,28,927/- for Providing Kitchen Equipments in 600 seater Girls Hostel (Multi-storeyed) RCC framed structure (Ground +5) at NIT, Kurukshetra.



भारत सरकार
GOVERNMENT OF INDIA
केन्द्रीय लोक निर्माण विभाग
CENTRAL PUBLIC WORKS DEPARTMENT



आधीक्षण
अधीक्षण अभियन्ता (वि०)
चण्डीगढ़ केन्द्रीय वैद्युत परिसर,
के.लो.नि.वि० सेक्टर-९(ए) चण्डीगढ़-१६००१९

Office of the
Superintending Engineer (E),
Chandigarh Central Elect. Circle,
CPWD, Sector-9(A), Chandigarh-160 019
Email:- sec9ceec.chd cpwd@nic.in

सं०.23(130)/च०के०प०प०/२०१६/ १६९- A

दिनांक - 29/11/16 NIT, KURUKSHETRA

To

✓ The Director,
NIT, Kurukshetra,
(Haryana).

Sub: Preliminary Estimate for the work:- C/o 600 Seater Girls Hostels (Multi Storeyed) RCC framed structure (Ground + 5) at i/c internal and external Water Supply, Sanitary Installation, Internal Electrical Installations, Drainage & development of site at NIT, Kurukshetra (Haryana). (SH: Providing Kitchen Equipments).

Ref: Your office letter No. CA-NRI/501/2015/548 dated 06.10.2015.

With reference to above mentioned letter, enclosed please find herewith preliminary estimate amounting to Rs.1,18,28,927/- for the aforesaid work for obtaining Administrative Approval and Expenditure Sanction from the competent authority,

The necessity of framing this preliminary estimate has been fully explained in the history sheet of the preliminary estimate.

The copy of the preliminary estimate duly approved may be sent to this office for further necessary action.

Encl. As stated

अधीक्षण अभियन्ता (वि०)
चण्डीगढ़ केन्द्रीय वैद्युत परिसर
के.लो.नि.वि., चण्डीगढ़।

Copy to:

1. The Chief Engineer (NZ-I), CPWD, Kendriya Sadan, Sector 9-A, Chandigarh for information please.
2. The Executive Engineer (E), Karnal Central Electrical Division, CPWD, Karnal with a copy of preliminary estimate.

अधीक्षण अभियन्ता (वि०)

Dean (Estt)

02/02/16

PIE (ECC), PIE (EM) 29/11/16
NIT, KURUKSHETRA

GOVT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

To: Haryana
Branch: E&M

Circle: CCEC
Division: KCEI

N/W:- C/o 600 Seater Girls Hostels (Multi Storeyed) RCC framed structure (Ground + 5) at life internal and external Water Supply, Sanitary Installation, Internal Electrical Installations, Drainage & development of site at NIT, Kurukshetra (Haryana). (SH: Providing Kitchen Equipments).

Head of Account: Deposit Work

This preliminary estimate has been framed by Mr. S.S. Rama, Executive Engineer (Electrical), Karnal Central Electrical Division, CPWD, Karnal and processed in the Office of Superintending Engineer(E), Chandigarh Central Electrical Circle, CPWD, Chandigarh for the probable cost of Rs.1,18,28,927/- including 3% contingencies.

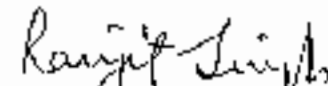
REPORT

History:- This preliminary estimate amounting to Rs.1,18,28,927/- including 3% contingencies for the above cited work has been prepared for obtaining Administrative Approval & Expenditure Sanction of the competent authority of NIT Kurukshetra. The estimate has been prepared for submission to the client as per letter No.CA-NRJ/501/2015/543 dated 06.10.2015.

Design & Scope:- The following provisions have been kept in the preliminary estimate:

The Kitchen equipments such as Receiving Table, Electronic Weighing Scale, Working Table, Refrigerator, Dirty Dish landing Table, Overhead Glass Rack, Loading Table, Dishwasher Machine, Unloading Table, Dish Rack, Pot Rack, Storage Rack, Potato/ Onion Rack, Potato Peeler Machine, Wet Masala Grinder, Support Table, Utility Trolley, Mobile Table, Spice Rack, S.S. Tandoor, Preparation Table, Dough Mixer, Tilting Pan, Bulk Cooker, Cooking Gas, Chapati Plate-cum-puffer, Exhaust Hood, GI Ducting, Centrifugal Blower, Fire Extinguisher, Automatic chapatti making machine & Cold Room for Vegetables.

Method: Through call of E-Bids.
Rates: Market Rates.
Time: 6 Months after getting A/A & E/S
Cost: Rs.1,18,28,927/- including 3% contingencies


Assistant Engineer (E)
Chandigarh Central Electrical Circle
CPWD, Chandigarh.


Superintending Engineer (E)
Chandigarh Central Electrical Circle
CPWD, Chandigarh.

PRELIMINARY ESTIMATE

of work: C/o 600 Seater Girls Hostels (Multi Storeyed) RCC framed structure (Ground + 5) at i/c internal and external Water Supply, Sanitary Installation, Internal Electrical Installations, Drainage & development of site at NIT, Kurukshetra (Haryana). (SH: Providing Kitchen equipments).

Sl.No.	Description of item	Qty	Rate	Unit	Amount
1	Providing and fixing stainless steel receiving table of size 1500x600x850mm with single under shelf complete as required. (As per figure No.1)	1 No.	48500.00	Each	48500.00
2	Supplying and installation of Electronic Weighing Scale of dimensions 900x900x900mm & minimum weighing capacity of 200 Kg of best make & approved quality Avyri /weighing master or equivalent etc. complete as required.(As per figure No.2)	1 No.	35000.00	Each	35000.00
3	Providing and fixing stainless steel working table of size 1800x600x850+150mm with 2nos sink and 1 No. under shelf with splash complete as required.(As per figure No.3)	2 Nos	65000.00	Each	130000.00
4	Providing & Fixing of Refrigerator of size 1200x750x1800mm with inverter compressor having at least 4 Nos, door bins tempered glass shelves, digital multi sensor, child lock, Deodorizer, open door alarm suitable for use on 230V/ Single Phase/ 50 Hz A.C supply and maximum over rating of 560 watts etc. as required. (As per figure No.4)	1 No.	450000.00	Each	450000.00
5	Providing and fixing stainless steel dirty dish landing Table of size 1800x750x850mm with Garbage Chute unit complete as required.(As per figure No.5)	2 Nos	48500.00	Each	97000.00
6	Providing and fixing stainless steel Overhead Glass Rack of size 1800 x 150 x 150 mm complete as required. (As per figure No.6)	2 Nos	30250.00	Each	60500.00
7	Providing and fixing stainless steel loading table of size 1200x750x850+150mm with single utility sink complete as required. (As per figure No.7)	1 No.	55500.00	Each	55500.00
8	Supply, Installation, testing and Commissioning of stainless steel dishwasher machine of size 1650x900x850mm complete with all accessories and operated with single phase, 230 volts, 50 Hz AC supply and maximum power rating of 9 KW complete as required. (As per figure No.8)	1 No.	1050000.00	Each	1050000.00
9	Providing and fixing stainless steel unloading table of size 1500x750x850mm complete as required. (As per figure No.9)	1 No.	42500.00	Each	42500.00
10	Providing and fixing stainless steel dish Rack of size 900 x 450 x 1500 mm complete as required. (As per figure No.10)	4 Nos	45000.00	Each	180000.00
11	Providing and fixing stainless steel pot Rack of size 1200 x 600 x 1500 mm complete as required. (As per figure No.11)	4 Nos	65000.00	Each	260000.00
12	Providing and fixing stainless steel storage Rack of size 1200 x 600 x 1500 mm complete as required. (As per figure No.12)	8 Nos	65000.00	Each	520000.00
13	Providing and fixing stainless steel Potato/ Onion Rack of size 1200 x 600 x 1500 mm complete as required. (As per figure No.13)	1 No.	62450.00	Each	62450.00
14	Providing and fixing of stainless steel potato peeler machine of size 900x900x900mm duly operated with single phase, 230 volts, 50 Hz AC supply and maximum power rating of 750 watts complete with housing and all accessories. (As per figure No.14)	2 Nos	85000.00	Each	170000.00
15	Supplying, installation, testing of Wet Masala Grinder of size 900x900x500mm with Crompton Greeves Motor or equivalent with Stainless Steel Basin, power rating should not exceed 750 watts and all other accessories complete as required. (As per figure No.15)	2 Nos	55000.00	Each	110000.00

Sl.No.	Description of item	Qty	Rate	Unit	Amount
16	Providing and fixing stainless steel support table of size 1500x600x850mm with two under shelves complete as required. (As per figure No.16)	2 Nos	45000.00	Each	90000.00
17	Supplying Stainless steel Utility trolley of size 900 x 600 x 850 mm, complete as required. (As per figure No.17)	2 Nos	45000.00	Each	90000.00
18	Supplying stainless steel Moblie trolley of size 900 x 600 x 850mm, complete as required. (As per figure No.18)	3 Nos	65000.00	Each	195000.00
19	Providing and fixing stainless steel working table of size 1500x600x850+150mm with 2nos sink and 1 No. under shelf with splash) complete as required. (As per figure No.3)	1 No.	62500.00	Each	62500.00
20	Providing and fixing stainless steel spice Rack of size 850 x 450 x 1500 mm complete as required. (As per figure No.20)	1 No.	45000.00	Each	45000.00
21	Providing and fixing stainless steel support table of size 1200x600x850mm with two under shelves complete as required. (As per figure No.16)	2 Nos	42000.00	Each	84000.00
22	Supplying of S.S. Tandoor of size 900x900x850mm having double walled insulated tandoor body and top made of SS sheet fitted with wheels inner section made of clay fitted with LPG burner having consumption not more than 1.5 Kg/Hour etc. as required. (As per figure No.22)	2 Nos	94500.00	Each	189000.00
23	Providing and fixing stainless steel table of size 1200x600x850mm with marble top having two under shelves complete as required.	1 No.	42000.00	Each	42000.00
24	Providing and fixing stainless steel preparation table of size 1200x750x850+500mm with two under shelves and one overhead shelf complete as required. (As per figure No.24)	4 Nos	72500.00	Each	290000.00
25	Providing and fixing stainless steel preparation table of size 2000x600x850+500mm with two under shelves and one overhead shelf complete as required. (As per figure No.24)	1 No.	85000.00	Each	85000.00
26	Supplying and installation of Dough Mixer of size 600x600x900mm with Stainless Steel Bowl. Crompton Greeves Motor of power rating 1.5 KW or equivalent, all as per drawing and as per the direction of the Engineer-in-charge. (As per figure No.26)	1 No.	175000.00	Each	175000.00
27	Providing and fixing of stainless steel tilting pan of size 1500x750x850mm complete with all accessories and LPG connection having consumption not more than 1.8 Kg/Hour. (As per figure No.27)	1 No.	325000.00	Each	325000.00
28	Providing and fixing of Bulk cooker of high grade stainless steel of size 1500x750x850mm complete with all accessories and safeties having LPG consumption not more than 1.8 Kg/Hour. (As per figure No.28)	1 No.	450000.00	Each	450000.00
29	Providing and fixing Three burner Cooking Range(Gas) of size 1800x600x850mm fabricated with 18 SWG thick stainless steel having LPG consumption not more than 1.5 Kg/Hour complete as required. (As per figure No.29)	1 No.	150000.00	Each	150000.00
30	Providing and fixing Two burner Cooking Range(Gas) of size 1200x600x850mm fabricated with 18 SWG thick stainless steel having LPG consumption not more than 1.5 Kg/Hour complete as required. (As per figure No.30)	1 No.	110000.00	Each	110000.00
31	Providing and fixing of stainless steel Chapathi Plate-cum-puffer of size 1200x600x850mm having LPG consumption more than 1.5 Kg/Hour complete as required. (As per figure No.31)	1 No.	160000.00	Each	160000.00
32	Providing and fixing stainless steel support table of size 1200x450x850mm with one under shelf complete as required. (As per figure No.1)	1 No.	40000.00	Each	40000.00

Sl.No.	Description of item	Qty	Rate	Unit	Amount
33	Providing and fixing stainless steel preparation table of size 1500x600x850+150mm with 1 No. sink and 1 No. under shelf with splash complete as required. (As per figure No.33)	2 Nos	62500.00	Each	125000.00
	Providing and fixing stainless support table of size 1500x750x850mm with two under shelves complete as required. (As per figure No.16)	2 Nos	56500.00	Each	113000.00
35	Providing and fixing stainless preparation table of size 1500x750x850+150mm with 1 No. sink and 1 No. under shelf with splash complete as required.	2 Nos	62500.00	Each	125000.00
36	Providing and fixing of under counter refrigerator of best quality having dimensions 1800x750x750mm suitable for single phase, 230 volts, 50 Hz AC supply and power rating not more than 450 watts. (As per figure No.36)	2 Nos	235000.00	Each	470000.00
37	Providing and fixing stainless steel Storage Rack of size 900 x 450 x 1500 mm complete as required. (As per figure No.12)	6 Nos	45000.00	Each	270000.00
38	Supplying, installation, testing of Exhaust hood with oil grease filters, made of Stainless Steel 20 SWG thick sheet hood with 20/24 SWG thick SS sheet grease filters including welding, grinding buffing, polishing and making curvature wherever required) etc complete as required. (As per figure No.38)				
	EH-1: Exhaust hood of size 1500x1200x450mm	1 No.	170000.00	Each	170000.00
	EH-2: Exhaust hood of size 2100x900x450mm	1 No.	240000.00	Each	240000.00
	EH-3: Exhaust hood of size 2000x900x450mm	1 No.	235000.00	Each	235000.00
39	Supplying, installation, testing of G.I. Ducting made of 22 SWG thick GI sheet ducting with M.S 30X30X3mm frame flanges complete as required.(As per figure No.39)	20 Sq Mtrs	1600.00	Sq Mtr	32000.00
40	Providing, installation and testing of Centrifugal Blower Direct driven by 3 HP (LLS Model) 1440 RPM 3 PH, ISI make Motor best make of approved brand Kirloskar or equivalent complete as required.	1 No.	26000.00	Each	26000.00
41	Supplying, installation, of Fire Extinguisher ABC of 5 Kg capacity, of best make of approved quality of Firecool or equivalent complete as required.	4 Nos	5000.00	Each	20000.00
42	Providing and fixing of automatic chapati making machine made of stainless steel having capacity of making atleast 1000 chapaties per/hour duly operated with: (1) LPG consumption not more than 1.7Kg/Hour (2) Single phase, 230 volts, 50 Hz AC supply and power rating not more than 2 KW. (As per figure No.42)	1 No.	325000.00	Each	325000.00

Sl.No.	Description of Item	Qty	Rate	Unit	Amount
1)	Design, prefabrication supply installation testing and commissioning of walk in cold room comprising of Cold room of dimension 5.0m(L) x 5.0m(W) x 2.40m(H) w/lt. modular prefabricated pre-insulated PUR panels having outside doors for supplying and having suitable capacity refrigeration system suitable for operation on 230V single phase 50Hz AC supply to maintain temperature range of $\pm 2^{\circ}\text{C}$ to $+ 8^{\circ}\text{C}$ alongwith refrigeration unit comprising of suitable capacity of outdoor unit & indoor unit for cold room etc. etc as required				
		No	2250000.00	Unit	2250000.00
				Total	10254500.00
			Add contingencies @ 3%		307635.00
					10562135.00
			HWCT @ 5%		528106.75
					11090241.75
			LABOUR CFSS @ 1%		110902.42
					11201144.17
			SERVICE TAX @ 5.60%		627201.50
			Grand Total:		11828345.67
			98%		115828927.00

Ranjit Singh

Assistant Engineer (E/P)
Chandigarh Central Electrical Circle
CPWD, Chandigarh.

[Signature]

Superintending Engineer (E)
Chandigarh Central Electrical Circle
CPWD, Chandigarh